CITTA' METROPOLITANA DI MESSINA

IV DIREZIONE - Servizi Tecnici Generali
Servizio Edilizia Scolastica

AMPLIAMENTO DELL'ISTITUTO SUPERIORE "I.C.E. VAINICHER" DI LIPARI (ME)

C.U.P. B66B14000020002

- P R O G E T T O E S E C U T I V O -

RELAZIONE DI CALCOLO	12
Progetto di nuova struttura ai sensi del D.M. 17/01/2018 "Norme Teniche per le Costruzioni"	C.01

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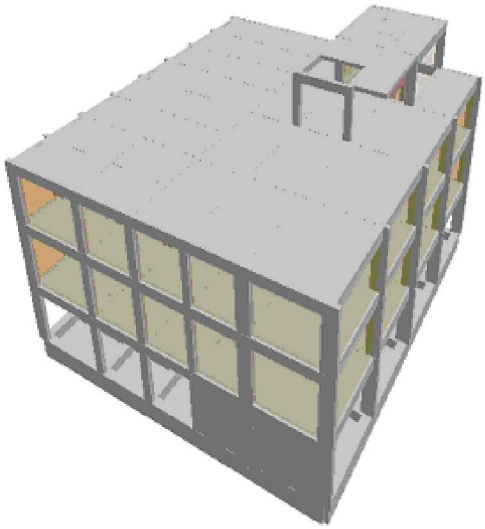
Messina, 31/08/2021	Visti ed approvazioni
APPROVAZIONE IN LINEA TECNICA (ai sensi dell'art. 26 comma 8 D.Lgs. 50/2016) PROVVEDIMENTO n° 24 del 14.10.2022 Il Responsabile del Procedimento (Ing. Carmelo BATTAGLIA)	VALIDATO (ai sensi dell'art. 26 comma 8 D.Lgs. 50/2016) PROVVEDIMENTO n° == del 12.10.2022

CITTA' METROPOLITANA DI MESSINA

Comune : LIPARI
PROVINCIA : MESSINA

Relazione di calcolo

Progetto di nuova struttura ai sensi del D.M. 17/01/2018 "Norme Tecniche per le Costruzioni"



Oggetto: **Ampliamento dell'Istituto Superiore"I.C.E. Vainicher" - PROGETTO ESECUTIVO -**

Committente:	Progettista:	Progettista Strutturale:	Direttore dei Lavori:
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1 Introduzione

1.1 Premessa

1.1.1 Cenni sulla casa produttrice del software

La relazione seguente riporta i dati relativi ai criteri di progettazione, alla geometria, alla meccanica della struttura descritta al relativo paragrafo, nonché i relativi risultati dei calcoli strutturali così come ricavati dal calcolatore elettronico tramite l'utilizzo del Software "FaTA-e" prodotto e distribuito da Stacec srl con sede in Bovalino (RC), e concesso in licenza al responsabile dei calcoli stessi.
FaTA-e è un programma sviluppato specificatamente per la progettazione e la verifica di edifici tridimensionali multipiano ed industriali realizzati con elementi strutturali in C.A., in Acciaio, in legno (massiccio e/o lamellare) o in muratura.
FaTA-e articola le operazioni di progetto secondo tre fasi distinte:

1) **preprocessore**: fase di Input dove viene definita e modellata interamente la struttura;
2) **solutore**: fase di elaborazione della struttura tramite un solutore agli elementi finiti;
3) **post-processore**: fase di verifica degli elementi, creazione degli elaborati grafici e della relazione di calcolo.

1.1.2 Descrizione dell'Opera da calcolare

Comune	: LIPARI
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1.2 Riferimenti Legislativi.

Tutte le operazioni illustrate nel proseguo, relative all'analisi della struttura ed alle verifiche sugli elementi sono state effettuate in piena conformità alle seguenti norme:

Norme Tecniche C.N.R. 10011:
"Costruzioni di acciaio - Istruzione per il calcolo, l'esecuzione, il collaudo e la manutenzione."

Norme C.N.R. 10024:
" Analisi delle strutture mediante calcolatore elettronico: impostazione e redazione delle relazioni di calcolo."

Ordinanza del Presidente del Consiglio 3274 - 08/05/2003:
"Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica."

Ordinanza del Presidente del Consiglio 3431 - 03/05/2005:
"Ulteriori modifiche ed integrazioni all'Ordinanza del Presidente del Consiglio 3274 - 08/05/2003."

UNI ENV 1992-1-1: Eurocodice 2:
"Progettazione delle strutture in calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici"

UNI ENV 1993-1-1: Eurocodice 3:
"Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici."

UNI ENV 1998-1-1: Eurocodice 8:
"Indicazioni progettuali per la resistenza sismica delle strutture - Parte 1-1: Regole generali."

D.M. 17/01/2018:
"Norme tecniche per le costruzioni."

Circolare CSLLPP n. 7 del 21/01/2019:
"Istruzioni per l'applicazione dell'aggiornamento delle «Norme tecniche per le costruzioni» di cui al decreto ministeriale 17 gennaio 2018."

1.3 Convenzioni,Unità di misura e simboli adottati.

Nei calcoli sono state utilizzate le seguenti unità:

- distanze	: cm
- forze, tagli, e sforzi normali	: daN
- coppie e momenti flettenti	: daNm
- carichi sulle aste	: daN/m
- carichi su superfici	: daN/m²
- peso specifico	: daN/m³
- tensioni e resistenze	: daN/m²
- temperatura	: °C

I simboli adottati hanno il seguente significato:

q	: fattore di comportamento ;
Rck	: Resistenza caratteristica cubica a compressione del calcestruzzo;
fck	: Resistenza caratteristica cilindrica a compressione del calcestruzzo;
Ec	: Modulo elastico secante del calcestruzzo;
Ect	: Modulo elastico a trazione del calcestruzzo
fcd	: Resistenza di calcolo del calcestruzzo;
fctk,0.05	: Resistenza caratteristica a trazione;
ν	: Coefficiente di Poisson;
αt	: Coefficiente di dilatazione termica;
ps	: peso specifico;
fyk	: Resistenza caratteristica di snervamento dell'acciaio;
ftk	: Resistenza caratteristica di rottura dell'acciaio;
fd	: resistenza di calcolo dell'acciaio;
A	: Superficie della sezione trasversale;
Jx	: Momento di inerzia rispetto all'asse X;

Jy : Momento di inerzia rispetto all'asse Y;
Jxy : Momento di inerzia centrifugo rispetto agli assi X ed Y;
Jt : Fattore torsionale;
N : sforzo normale;
M_T : Momento Torcente;
M_{XZ} : Momento Flettente X-Z;
T_{XZ} : Taglio X-Z;
M_{XY} : Momento Flettente X-Y;
T_{XY} : Taglio X-Y;
f : Frequenza del modo i-esimo;
T : Periodo del modo i-esimo;
Γ_x : Fattore di partecipazione del modo i-esimo in direzione x;
Γ_y : Fattore di partecipazione del modo i-esimo in direzione y;
Γ_z : Fattore di partecipazione del modo i-esimo in direzione z;
N_{Sd} : Sforzo Normale sollecitante di calcolo;
M_{SdXZ} : Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : Momento Flettente X-Y sollecitante di calcolo;
Mt_S : Momento Torcente sollecitante di calcolo;
V_{SdXZ} : Taglio X-Z sollecitante di calcolo;
V_{SdXY} : Taglio X-Y sollecitante di calcolo;
N_{Rd} : Sforzo Normale resistente di calcolo;
M_{RdXZ} : Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : Momento Flettente X-Y resistente di calcolo;
Mt_R : Momento Torcente resistente di calcolo;
V_{RdXZ} : Taglio X-Z resistente di calcolo;
V_{RdXY} : Taglio X-Y resistente di calcolo;
σ_c : Tensioni del calcestruzzo;
σ_s : Tensioni delle armature;
$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
$\sigma_{s,lim}$: Tensioni limite dell'acciaio;
f/l : rapporto freccia/lunghezza;
f_{lim} : valore limite del rapporto freccia/lunghezza;

2 Descrizione del Modello.

2.1 Modello assunto per il calcolo.

L'analisi numerica della struttura è stata condotta attraverso l'utilizzo del metodo degli elementi finiti ipotizzando un comportamento elastico-lineare.
Il metodo degli elementi finiti consiste nel sostituire il modello continuo della struttura con un modello discreto equivalente e di approssimare la funzione di spostamento con polinomio algebrico, definito in regioni (dette appunto elementi finiti) che sono delle funzioni interpolanti il valore di spostamento definito in punti discreti (detti nodi).
Gli elementi finiti utilizzabili ai fini della corretta modellazione della struttura verranno descritti di seguito.
Il modello di calcolo può essere articolato sulla base dell'ipotesi di impalcato rigido, in funzione della reale presenza di solai continui atti ad irrigidire tutto l'impalcato.
Tale ipotesi viene realizzata attraverso l'introduzione di adeguate relazioni cinematiche tra i gradi di libertà dei nodi costituenti l'impalcato stesso.
Il metodo di calcolo adottato, le combinazioni di carico, e le procedure di verifica saranno descritte di seguito.

Riferimento globale e locale.

La struttura viene definita utilizzando una terna di assi cartesiani formanti un sistema di riferimento levogiro, unico per tutti gli elementi e chiamato "globale". Localmente esiste un ulteriore sistema di riferimento, detto appunto "locale", utile alla definizione delle caratteristiche di rigidezza dei singoli elementi.
I due sistemi di riferimento sono correlati da una matrice, detta di rotazione.

Modellazione geometrica della struttura.

Il modello geometrico (mesh) della struttura è basato sull'utilizzo dei seguenti elementi:

- *Nodi*
Si definiscono nodi, entità geometriche determinate tramite le tre coordinate nel riferimento globale.
I nodi, nello spazio tridimensionale, posseggono tre gradi di libertà traslazionali e tre rotazionali.
Essi sono posizionati in modo da definire gli estremi degli elementi finiti e, di regola, in ogni discontinuità strutturale, di carico, di caratteristiche meccaniche, di campo di spostamento.

- *Vincoli e Molle*
I gradi di libertà possono essere vincolati, bloccando il cinematismo nella direzione voluta o assegnando "molle" applicate ai nodi tramite valori di rigidezza finiti.
Un vincolo assegna a priori un valore di spostamento nullo, e quindi la variabile corrispondente viene eliminata.

- *Vincoli interni*
Tali vincoli servono a definire le modalità di trasmissione degli sforzi dall'elemento finito ai nodi. Ciò viene associato al concetto di trasferimento della rigidezza.
Generalmente l'elemento considerato è rigidamente connesso ai nodi che lo definiscono, in modo da bloccare tutti i gradi di libertà relativi. E' possibile, comunque "rilasciare" le caratteristiche delle sollecitazioni, in modo da svincolare i gradi di libertà corrispondenti. Nel caso particolare, il modello utilizzato consente di svincolare le tre rotazioni intorno agli assi locali dell'asta.

- *Aste*
Si tratta di elementi finiti monodimensionali ad asse rettilineo delimitate da due nodi (i nodi di estremità).
Per questi elementi generalmente la funzione interpolante è quella del modello analitico per cui la mesh non influisce sensibilmente sulla convergenza.
Le aste sono dotate di rigidezza assiale, flessionale, e a taglio, secondo il modello classico della trave inflessa di Eulero-Bernoulli.
Alla singola asta è possibile associare una sezione costante per tutta la sua lunghezza.

- *Asta su suolo elastico*
Si tratta di elementi finiti monodimensionali ad asse rettilineo, di definizione simile alle aste. Sono utili a modellare travi di fondazione, considerate poggianti su suolo alla Winkler, e reagenti sia rispetto alle componenti traslazionali di cinematismo, sia rotazionali.

- *Lastra-Piastra*
Si tratta di elementi finiti bidimensionali, definiti da tre o quattro nodi, posti ai vertici rispettivamente di un triangolo o di un quadrilatero irregolare. La geometria reale dell'elemento viene ricondotta ad un triangolo rettangolo (elemento a tre nodi) o ad un quadrato definito nella trattazione isoparametrica.
L'elemento lastra-piastra non ha rigidezza per la rotazione intorno all'asse perpendicolare al suo piano e viene trattato secondo la teoria di Mindlin-Reissner. Nel modello considerato si tiene conto dell'accoppiamento tra azioni flessionali e membranali.

- *Forze e coppie concentrate*
Per la risoluzione statica della struttura, tutti i carichi applicati agli elementi vengono trasferiti ai nodi. Ciò avviene in automatico per il peso delle aste,delle piastre, delle pareti, dei pannelli di carico presenti sulle aste e per la distribuzione di carico applicate agli elementi bidimensionali.
Il modello di calcolo consente anche l'introduzione di forze e coppie ai nodi.
Le forze sono dirette lungo le tre direzioni del sistema di riferimento globale ed in entrambi i versi per ogni direzione.
Le coppie concentrate sono riferite ai tre assi del riferimento globale, in entrambi i versi di di rotazione di ciascun asse.

- *Carichi distribuiti*
Il modello di calcolo consente anche l'introduzione di carichi ripartiti sulle aste e di distribuzione di carico su piastre e pareti.
I carichi ripartiti sulle aste possono essere riferite sia al riferimento globale, sia al riferimento locale, lungo le tre direzioni ed in entrambe i versi. E' possibile anche introdurre carichi distribuiti torcenti agenti intorno all'asse dell'asta ed in entrambe i versi di rotazione.
Tutti i tipi di carico ripartito devono avere forma trapezia.
Sugli elementi bidimensionali, che fanno parte della mesh di piastre e pareti, è possibile assegnere una distribuzione uniforme, avente le caratteristiche di una pressione diretta ortogonalmente all'elemento.

- *Pannelli di carico*
Il pannello di carico è un concetto legato alla reale distribuzione di carichi gravanti sulle aste. Ne fanno parte: solai, balconi, scale.

Da tali pannelli, di forma irregolare come definiti dalla geometria dell'input, si passa alla quantificazione dei carichi trapezoidali ripartiti sulle aste. Per meglio simulare l'effetto dei pannelli, vengono generati in modo automatico anche dei carichi ripartiti torcenti, anch'essi di forma trapezia, relativi ai carichi distribuiti equivalenti al pannello.

- *Sezioni*
Le sezioni assegnabili alle aste sono definite attraverso le caratteristiche geometrico-elastiche, i moduli di resistenza plastici (sezioni in acciaio) ed il materiale.

Materiali.

I materiali, ai fini del calcolo delle sollecitazioni, sono considerati omogenei ed isotropi e sono definiti dalle seguenti caratteristiche: peso per unità di volume, modulo elastico, coefficiente di Poisson, coefficiente di dilatazione, e tutte le caratteristiche meccaniche, riepilogate in seguito, utili alle verifiche strutturali dettate dalla normativa.

Matrici di calcolo della struttura.

Dalla discretizzazione geometrica della struttura vengono definite le matrici utili a studiare il comportamento globale della struttura in esame.

- *Matrice di rigidezza*
Tale matrice viene costruita partendo dalla matrice di rigidezza espressa nel sistema di riferimento locale dell'elemento considerato. Attraverso un'operazione di trasformazione, mediante la matrice di rotazione, viene riferita al sistema di riferimento globale. L'ultima operazione consiste nell'"assemblaggio" delle singole matrici di ogni elemento, in modo da formare un'unica matrice relativa all'intera struttura.

- *Matrice delle masse*
La generazione della matrice globale è del tutto analoga a quella sopra descritta per la matrice di rigidezza. La matrice delle masse è di tipo "consistent" e considera l'effettiva distribuzione delle masse della struttura. Come definito dalla normativa, alle masse relative ai carichi permanenti, viene aggiunta un'aliquota delle masse equivalenti ai carichi d'esercizio.

2.2 Tipo di calcolo.

ANALISI ORIZZONTALE DINAMICA LINEARE

Il calcolo risolutivo della struttura è stato effettuato utilizzando un sistema di equazioni lineari (di dimensioni pari ai gradi di libertà), secondo la relazione:

$$\underline{u} = [\underline{K}]^{-1}\,\underline{F}$$

dove: $\underline{F}$ = vettore dei carichi risultanti applicate ai nodi;
$\underline{u}$ = vettore dei cinematismi nodali;
$[\underline{K}]$ = matrice di rigidezza globale.

Tale analisi è stata ripetuta per tutte le condizioni presenti sulla struttura, identificati dai vettori dei carichi relativi a:
- carichi permanenti;
- carichi d'esercizio;
- delta termico;
- carichi utente;
- torsioni accidentali;

I valori delle eccentricità accidentali per le torsioni sono i seguenti:

	Torsioni Accidentali	
Imp. Reale	**e_x [cm]**	**e_Y [cm]**
1	92.3	121.8
2	92.3	121.8
3	92.3	121.8
4	92.3	121.8

Per ogni impalcato reale si riportano i dati relativi alle rigidezze e ai baricentri:

	Rigidezze			Centro Massa		Centro Rigidezza	
Imp. Reale	**Rig X [KN/cm]**	**Rig Y [KN/cm]**	**Rig. Tors. [KNcm]**	**X [cm]**	**Y [cm]**	**xR [cm]**	**yR [cm]**
1	30353	5004	33899609587	1164.6	1237.0	1095.8	907.2
2	16012	4021	15552091122	1059.0	1316.7	1036.5	1426.4
3	16004	4793	15259069727	1101.8	1282.3	1073.1	1376.5
4	3288	1305	694821232	1588.8	1932.4	1587.0	2029.8

L'analisi sismica nella componente orizzontale è basata sulla teoria ed i concetti propri dell'analisi modale.
L'analisi modale consente di determinare le oscillazioni libere della struttura discretizzata.
Tali modi di vibrare sono legati agli autovalori e autovettori del sistema dinamico generalizzato, che può essere riassunto in:

$$[\underline{K}]\ \{\underline{a}\} = \omega^2\ [M]\ \{\underline{a}\}$$

dove: $[\underline{K}]$ = matrice di rigidezza globale
$[\underline{M}]$ = matrice delle masse globale
$\{\underline{a}\}$ = autovettori (forme modali)
ω^2 = autovalori del sistema generalizzato

La frequenza (f) dei modi di vibrare è calcolata mediante la seguente formula:

$$f = \omega / 2\pi$$

Il periodo (T) è calcolato come:

$$T = 1 / f$$

I "fattori di partecipazione modali" possono essere calcolati mediante la seguente formula:

$$\Gamma_i = \underline{\phi}_i^T\ [\underline{M}]\ \underline{d}$$

dove: $\underline{\phi}_i$ = autovettori normalizzati relativi al modo i-esimo
$\underline{d}$ = vettore di trascinamento (o di direzione di entrata del sisma)

Per ogni direzione del sisma vengono scelti i modi efficaci al raggiungimento del valore imposto dalla normativa (85%).
Il parametro di riferimento è il "fattore di partecipazione delle masse", la cui formulazione è:

$$\Lambda_{xi} = \Gamma_i^2 / M_{tot}$$

I cinematismi modali vengono calcolati come:

$$\underline{u} = \underline{\phi}_i\ \Gamma_i\ S_d\ (T_i) / \omega_i^2$$

dove: $S_d\ (T_i)$ = ordinata spettro di risposta orizzontale o verticale.
ω^2 = autovalore del modo i-esimo

Gli effetti relativi ai modi di vibrare, vengono combinati utilizzando la combinazione quadratica completa (CQC):

$$E = \sqrt{(\Sigma_i\ \Sigma_j\ \rho_{ij}\ E_i\ E_j)}$$

dove: ρ_{ij} = $(8\xi^2\ (1 + \beta_{IJ})\ \beta_{IJ}^{3/2}) / ((1 - \beta_{IJ}^2)^2 + 4\xi^2\ \beta_{IJ}\ (1 + \beta_{IJ}^2) + 8\xi^2\ \beta_{IJ}^2)$ coefficiente di correlazione tra il modo i-esimo ed il modo j-esimo;
ξ = coefficiente di smorzamento viscoso;
β_{ij} = rapporto tra le frequenze di ciascuna coppia di modi (f_i / f_j)
$E_i\ E_j$ = effetti considerati in valore assoluto.

La condizione "Torsione Accidentale" contiene il momento torcente generato dalla forza sismica di piano per l'eccentricità calcolata in funzione della dimensione massima dell'ingombro in pianta nella direzione ortogonale a quella considerata.(5%).

I modi di vibrare del calcolo in oggetto sono i seguenti:

SLV-SLC

	Direzione X			Direzione Y		
Modo	**f [Hz]**	**T [s]**	**Λx %**	**f [Hz]**	**T [s]**	**Λy %**
1	2.622	0.381	29.8	1.732	0.577	47.1
2	17.105	0.058	19.1	16.671	0.060	42.3
3	3.196	0.313	15.0	-	-	-
4	11.393	0.088	7.7	-	-	-
5	9.437	0.106	5.3	-	-	-
6	15.599	0.064	2.8	-	-	-
7	10.085	0.099	2.5	-	-	-
8	16.755	0.060	2.5	-	-	-
9	15.753	0.063	2.5	-	-	-
	Totale Λx (>=85%)		**87.3**	**Totale Λy (>=85%)**		**89.5**

SLD-SLO

	Direzione X			Direzione Y		
Modo	**f [Hz]**	**T [s]**	**Λx %**	**f [Hz]**	**T [s]**	**Λy %**
1	2.622	0.381	29.8	1.732	0.577	47.1
2	17.105	0.058	19.1	16.671	0.060	42.3
3	3.196	0.313	15.0	-	-	-
4	11.393	0.088	7.7	-	-	-
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9	15.753	0.063	2.5	-	-	-
	Totale Λx (>=85%)		**87.3**	**Totale Λy (>=85%)**		**89.5**

2.3 Condizioni di carico valutate

Dati Condizioni.

Nella seguente tabella vengono riportati i dati per la definizione delle condizioni di carico:

Azione	Tipo	Durata
Car. perm. strutt. (Gk1)	C.Perm. (Gk)	Permanente
Car. perm. non strutt. (Gk2)	C.p. non str. (Gk2)	Permanente
Carichi d'esercizio (Qk)	C. Ese. (Qk)	Lunga
Δt	Carico termico	Breve
Torsione Accidentale X	Azione Sismica	Istantanea
Torsione Accidentale Y	Azione Sismica	Istantanea
Sisma X	Azione Sismica	Istantanea
Sisma Y	Azione Sismica	Istantanea
Sisma Z	Azione Sismica	Istantanea
Vento (+X)	Vento	Breve
Vento (-X)	Vento	Breve
Vento (+Y)	Vento	Breve
Vento (-Y)	Vento	Breve
Neve	Neve	Breve
Spinta stat.	Spinta terr. stat.	Permanente
Spinta din.X	Spinta terr. din. X	Istantanea
Spinta din.Y	Spinta terr. din. Y	Istantanea

Coefficienti di combinazione.

Nella seguente tabella vengono riportati i coefficienti di combinazione da normativa, relativi agli stati limite ultimi (SLV) e di danno (SLD):

Impalcato	Destinazione	Altre azioni			Delta termico		
		Ψ0i	Ψ1i	Ψ2i	Ψ0i	Ψ1i	Ψ2i
Fondazione	Categoria C: Ambienti suscettibili di affollamento	0.7	0.7	0.6	0.6	0.5	0.0
Piano 1	Categoria C: Ambienti suscettibili di affollamento	0.7	0.7	0.6	0.6	0.5	0.0
Piano 2	Categoria C: Ambienti suscettibili di affollamento	0.7	0.7	0.6	0.6	0.5	0.0
Piano 3	Categoria C: Ambienti suscettibili di affollamento	0.7	0.7	0.6	0.6	0.5	0.0
Piano 4	Categoria C: Ambienti suscettibili di affollamento	0.7	0.7	0.6	0.6	0.5	0.0

Per balconi e scale verranno usati i coefficienti calcolati come i maggiori tra quelli relativi alla categoria di carico di piano ed i seguenti:

Cat.	Destinazione	Altre azioni			Delta termico		
		Ψ0i	Ψ1i	Ψ2i	Ψ0i	Ψ1i	Ψ2i
C2	Balconi, ballatoi e scale	0.7	0.7	0.6	0.6	0.5	0.0

Tutte le combinazioni sono da intendersi come somma dell'effetto considerato. Tali combinazioni vengono considerate sovrapponendo i diagrammi secondo la tecnica dell'inviluppo.

Combinazioni per le verifiche allo Stato Limite di Salvaguardia della Vita

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico nei riguardi degli stati limite di salvaguardia della vita essere riassunte nelle seguenti tabelle:

Elementi della Struttura									
Comb.	**Condizione**								
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**	**Tors. acc. X(Mx)**	**Tors. acc. Y(My)**	**Sisma X**	**Sisma Y**	**Sisma Z**
1*	γGns	γG2ns	γQns	0	0	0	0	0	0
2*	γGns	γG2ns	γQns	Ψ0γQns	0	0	0	0	0
3*	γGns	γG2ns	γQns	-Ψ0γQns	0	0	0	0	0
4*	γGns	γG2ns	Ψ0γQns	γQns	0	0	0	0	0
5*	γGns	γG2ns	Ψ0γQns	-γQns	0	0	0	0	0
6	γGs	γG2s	Ψ2γQs	0	1	0	1	0.30	0
7	γGs	γG2s	Ψ2γQs	0	-1	0	1	0.30	0
8	γGs	γG2s	Ψ2γQs	0	1	0	1	-0.30	0
9	γGs	γG2s	Ψ2γQs	0	-1	0	1	-0.30	0
10	γGs	γG2s	Ψ2γQs	0	1	0	-1	0.30	0
11	γGs	γG2s	Ψ2γQs	0	-1	0	-1	0.30	0
12	γGs	γG2s	Ψ2γQs	0	1	0	-1	-0.30	0
13	γGs	γG2s	Ψ2γQs	0	-1	0	-1	-0.30	0
14	γGs	γG2s	Ψ2γQs	0	0	1	0.30	1	0
15	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	1	0
16	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	1	0
17	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	1	0
18	γGs	γG2s	Ψ2γQs	0	0	1	0.30	-1	0
19	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	-1	0
20	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	-1	0
21	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	-1	0
U1	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U2	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U3	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U4	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U5	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U6	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U7	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U8	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U9	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U10	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00

U11	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U12	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U13	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U14	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00

*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
2*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
3*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
4*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
5*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
7	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
8	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
9	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
10	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
11	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
12	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
13	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
14	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
15	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
16	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
17	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
18	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
19	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
20	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
21	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
U1	0.90	0.00	0.00	0.00	0.75	1.30	0.00	0.00
U2	0.90	0.00	0.00	0.00	1.50	1.30	0.00	0.00
U3	1.50	0.00	0.00	0.00	0.75	1.30	0.00	0.00
U4	0.00	0.90	0.00	0.00	0.75	1.30	0.00	0.00
U5	0.00	0.90	0.00	0.00	1.50	1.30	0.00	0.00
U6	0.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00
U7	0.00	0.00	0.90	0.00	0.75	1.30	0.00	0.00
U8	0.00	0.00	0.90	0.00	1.50	1.30	0.00	0.00
U9	0.00	0.00	1.50	0.00	0.75	1.30	0.00	0.00
U10	0.00	0.00	0.00	0.90	0.75	1.30	0.00	0.00
U11	0.00	0.00	0.00	0.90	1.50	1.30	0.00	0.00
U12	0.00	0.00	0.00	1.50	0.75	1.30	0.00	0.00
U13	0.00	0.00	0.00	0.00	0.75	1.30	0.00	0.00
U14	0.00	0.00	0.00	0.00	1.50	1.30	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.
*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

Elementi di fondazione A1									
Comb.	**Condizione**								
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**	**Tors. acc. X(Mx)**	**Tors. acc. Y(My)**	**Sisma X**	**Sisma Y**	**Sisma Z**
1*	γGns	γG2ns	γQns	0	0	0	0	0	0
2*	γGns	γG2ns	γQns	Ψ0γQns	0	0	0	0	0
3*	γGns	γG2ns	γQns	-Ψ0γQns	0	0	0	0	0
4*	γGns	γG2ns	Ψ0γQns	γQns	0	0	0	0	0
5*	γGns	γG2ns	Ψ0γQns	-γQns	0	0	0	0	0
6	γGs	γG2s	Ψ2γQs	0	1	0	1	0.30	0
7	γGs	γG2s	Ψ2γQs	0	-1	0	1	0.30	0
8	γGs	γG2s	Ψ2γQs	0	1	0	1	-0.30	0
9	γGs	γG2s	Ψ2γQs	0	-1	0	1	-0.30	0
10	γGs	γG2s	Ψ2γQs	0	1	0	-1	0.30	0
11	γGs	γG2s	Ψ2γQs	0	-1	0	-1	0.30	0
12	γGs	γG2s	Ψ2γQs	0	1	0	-1	-0.30	0
13	γGs	γG2s	Ψ2γQs	0	-1	0	-1	-0.30	0
14	γGs	γG2s	Ψ2γQs	0	0	1	0.30	1	0
15	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	1	0
16	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	1	0
17	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	1	0
18	γGs	γG2s	Ψ2γQs	0	0	1	0.30	-1	0

19	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	-1	0
20	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	-1	0
21	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	-1	0
U1	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U2	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U3	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U4	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U5	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U6	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U7	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U8	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U9	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U10	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U11	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U12	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00
U13	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
U14	1.30	1.50	1.05	0.00	0.00	0.00	0.00	0.00	0.00

*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
2*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
3*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
4*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
5*	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
7	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
8	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
9	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
10	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
11	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
12	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
13	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
14	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
15	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
16	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
17	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
18	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
19	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
20	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
21	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
U1	0.90	0.00	0.00	0.00	0.75	1.30	0.00	0.00
U2	0.90	0.00	0.00	0.00	1.50	1.30	0.00	0.00
U3	1.50	0.00	0.00	0.00	0.75	1.30	0.00	0.00
U4	0.00	0.90	0.00	0.00	0.75	1.30	0.00	0.00
U5	0.00	0.90	0.00	0.00	1.50	1.30	0.00	0.00
U6	0.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00
U7	0.00	0.00	0.90	0.00	0.75	1.30	0.00	0.00
U8	0.00	0.00	0.90	0.00	1.50	1.30	0.00	0.00
U9	0.00	0.00	1.50	0.00	0.75	1.30	0.00	0.00
U10	0.00	0.00	0.00	0.90	0.75	1.30	0.00	0.00
U11	0.00	0.00	0.00	0.90	1.50	1.30	0.00	0.00
U12	0.00	0.00	0.00	1.50	0.75	1.30	0.00	0.00
U13	0.00	0.00	0.00	0.00	0.75	1.30	0.00	0.00
U14	0.00	0.00	0.00	0.00	1.50	1.30	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.
*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

Combinazioni per le verifiche allo Stato Limite di Danno

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico nei riguardi degli stati limite di danno possono essere riassunte nelle seguenti tabelle:

Elementi della Struttura									
Comb.	**Condizione**								
	C.	**C. p. non**	**C. ese.(Qk)**	**Delta T(DT)**	**Tors. acc.**	**Tors. acc.**	**Sisma X**	**Sisma Y**	**Sisma Z**

	perm.(Gk1)	str.(Gk2)			X(Mx)	Y(My)			
1	γGns	γG2ns	γQns	0	0	0	0	0	0
2	γGns	γG2ns	γQns	Ψ0γQns	0	0	0	0	0
3	γGns	γG2ns	γQns	-Ψ0γQns	0	0	0	0	0
4	γGns	γG2ns	Ψ0γQns	γQns	0	0	0	0	0
5	γGns	γG2ns	Ψ0γQns	-γQns	0	0	0	0	0
6	γGs	γG2s	Ψ2γQs	0	1	0	1	0.30	0
7	γGs	γG2s	Ψ2γQs	0	-1	0	1	0.30	0
8	γGs	γG2s	Ψ2γQs	0	1	0	1	-0.30	0
9	γGs	γG2s	Ψ2γQs	0	-1	0	1	-0.30	0
10	γGs	γG2s	Ψ2γQs	0	1	0	-1	0.30	0
11	γGs	γG2s	Ψ2γQs	0	-1	0	-1	0.30	0
12	γGs	γG2s	Ψ2γQs	0	1	0	-1	-0.30	0
13	γGs	γG2s	Ψ2γQs	0	-1	0	-1	-0.30	0
14	γGs	γG2s	Ψ2γQs	0	0	1	0.30	1	0
15	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	1	0
16	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	1	0
17	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	1	0
18	γGs	γG2s	Ψ2γQs	0	0	1	0.30	-1	0
19	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	-1	0
20	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	-1	0
21	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	-1	0

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
7	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
8	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
9	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
10	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
11	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
12	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
13	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
14	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
15	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
16	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
17	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
18	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
19	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
20	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
21	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A1									
Comb.	**Condizione**								
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**	**Tors. acc. X(Mx)**	**Tors. acc. Y(My)**	**Sisma X**	**Sisma Y**	**Sisma Z**
1	γGns	γG2ns	γQns	0	0	0	0	0	0
2	γGns	γG2ns	γQns	Ψ0γQns	0	0	0	0	0
3	γGns	γG2ns	γQns	-Ψ0γQns	0	0	0	0	0
4	γGns	γG2ns	Ψ0γQns	γQns	0	0	0	0	0
5	γGns	γG2ns	Ψ0γQns	-γQns	0	0	0	0	0
6	γGs	γG2s	Ψ2γQs	0	1	0	1	0.30	0
7	γGs	γG2s	Ψ2γQs	0	-1	0	1	0.30	0
8	γGs	γG2s	Ψ2γQs	0	1	0	1	-0.30	0
9	γGs	γG2s	Ψ2γQs	0	-1	0	1	-0.30	0
10	γGs	γG2s	Ψ2γQs	0	1	0	-1	0.30	0
11	γGs	γG2s	Ψ2γQs	0	-1	0	-1	0.30	0
12	γGs	γG2s	Ψ2γQs	0	1	0	-1	-0.30	0
13	γGs	γG2s	Ψ2γQs	0	-1	0	-1	-0.30	0
14	γGs	γG2s	Ψ2γQs	0	0	1	0.30	1	0
15	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	1	0

16	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	1	0
17	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	1	0
18	γGs	γG2s	Ψ2γQs	0	0	1	0.30	-1	0
19	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	-1	0
20	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	-1	0
21	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	-1	0

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
7	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
8	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
9	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
10	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
11	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
12	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
13	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
14	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
15	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
16	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
17	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
18	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
19	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
20	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
21	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Combinazioni per le verifiche allo Stato Limite di Operatività

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico nei riguardi degli stati limite di operatività possono essere riassunte nelle seguenti tabelle:

Elementi della Struttura									
Comb.	**Condizione**								
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**	**Tors. acc. X(Mx)**	**Tors. acc. Y(My)**	**Sisma X**	**Sisma Y**	**Sisma Z**
1	γGns	γG2ns	γQns	0	0	0	0	0	0
2	γGns	γG2ns	γQns	Ψ0γQns	0	0	0	0	0
3	γGns	γG2ns	γQns	-Ψ0γQns	0	0	0	0	0
4	γGns	γG2ns	Ψ0γQns	γQns	0	0	0	0	0
5	γGns	γG2ns	Ψ0γQns	-γQns	0	0	0	0	0
6	γGs	γG2s	Ψ2γQs	0	1	0	1	0.30	0
7	γGs	γG2s	Ψ2γQs	0	-1	0	1	0.30	0
8	γGs	γG2s	Ψ2γQs	0	1	0	1	-0.30	0
9	γGs	γG2s	Ψ2γQs	0	-1	0	1	-0.30	0
10	γGs	γG2s	Ψ2γQs	0	1	0	-1	0.30	0
11	γGs	γG2s	Ψ2γQs	0	-1	0	-1	0.30	0
12	γGs	γG2s	Ψ2γQs	0	1	0	-1	-0.30	0
13	γGs	γG2s	Ψ2γQs	0	-1	0	-1	-0.30	0
14	γGs	γG2s	Ψ2γQs	0	0	1	0.30	1	0
15	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	1	0
16	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	1	0
17	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	1	0
18	γGs	γG2s	Ψ2γQs	0	0	1	0.30	-1	0
19	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	-1	0
20	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	-1	0
21	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	-1	0

Comb.	**Condizione**

	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve	Spinta stat.**	Spinta din.X**	Spinta din.Y**
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
7	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
8	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
9	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
10	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
11	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
12	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
13	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
14	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
15	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
16	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
17	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
18	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
19	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
20	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
21	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A1									
Comb.	Condizione								
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)	Tors. acc. X(Mx)	Tors. acc. Y(My)	Sisma X	Sisma Y	Sisma Z
1	γGns	γG2ns	γQns	0	0	0	0	0	0
2	γGns	γG2ns	γQns	Ψ0γQns	0	0	0	0	0
3	γGns	γG2ns	γQns	-Ψ0γQns	0	0	0	0	0
4	γGns	γG2ns	Ψ0γQns	γQns	0	0	0	0	0
5	γGns	γG2ns	Ψ0γQns	-γQns	0	0	0	0	0
6	γGs	γG2s	Ψ2γQs	0	1	0	1	0.30	0
7	γGs	γG2s	Ψ2γQs	0	-1	0	1	0.30	0
8	γGs	γG2s	Ψ2γQs	0	1	0	1	-0.30	0
9	γGs	γG2s	Ψ2γQs	0	-1	0	1	-0.30	0
10	γGs	γG2s	Ψ2γQs	0	1	0	-1	0.30	0
11	γGs	γG2s	Ψ2γQs	0	-1	0	-1	0.30	0
12	γGs	γG2s	Ψ2γQs	0	1	0	-1	-0.30	0
13	γGs	γG2s	Ψ2γQs	0	-1	0	-1	-0.30	0
14	γGs	γG2s	Ψ2γQs	0	0	1	0.30	1	0
15	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	1	0
16	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	1	0
17	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	1	0
18	γGs	γG2s	Ψ2γQs	0	0	1	0.30	-1	0
19	γGs	γG2s	Ψ2γQs	0	0	-1	0.30	-1	0
20	γGs	γG2s	Ψ2γQs	0	0	1	-0.30	-1	0
21	γGs	γG2s	Ψ2γQs	0	0	-1	-0.30	-1	0

Comb.	Condizione							
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve	Spinta stat.**	Spinta din.X**	Spinta din.Y**
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
7	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.30
8	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
9	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-0.30
10	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
11	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	0.30
12	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
13	0.00	0.00	0.00	0.00	0.00	1.00	-1.00	-0.30
14	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00
15	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00

16	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
17	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	1.00
18	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
19	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-1.00
20	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00
21	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-1.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

I coefficienti utilizzati assumono i seguenti valori:

	SLV						SLD						SLO					
ELEMENTO	**γG1 ns**	**γG2 ns**	**γQns**	**γG1s**	**γG2s**	**γQs**	**γG1 ns**	**γG2 ns**	**γQns**	**γG1s**	**γG2s**	**γQs**	**γG1 ns**	**γG2 ns**	**γQns**	**γG1s**	**γG2s**	**γQs**
ELEMENTO	1.3	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Fondazione A1	1.3	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Combinazioni per le verifiche allo Stato limite di esercizio

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico nei riguardi degli stati limite di esercizio possono essere riassunte nelle seguenti tabelle:

Combinazioni Caratteristiche:

Elementi della Struttura				
Comb.	**Condizione**			
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**
1	γGns	γG2ns	γQns	Ψ0γQns
2	γGns	γG2ns	γQns	-Ψ0γQns
3	γGns	γG2ns	Ψ0γQns	γQns
4	γGns	γG2ns	Ψ0γQns	-γQns
U1	1.00	1.00	1.00	0.60
U2	1.00	1.00	0.70	1.00
U3	1.00	1.00	0.70	0.60
U4	1.00	1.00	0.70	0.60
U5	1.00	1.00	1.00	0.60
U6	1.00	1.00	0.70	1.00
U7	1.00	1.00	0.70	0.60
U8	1.00	1.00	0.70	0.60
U9	1.00	1.00	1.00	0.60
U10	1.00	1.00	0.70	1.00
U11	1.00	1.00	0.70	0.60
U12	1.00	1.00	0.70	0.60
U13	1.00	1.00	1.00	0.60
U14	1.00	1.00	0.70	1.00
U15	1.00	1.00	0.70	0.60
U16	1.00	1.00	0.70	0.60
U17	1.00	1.00	1.00	-0.60
U18	1.00	1.00	0.70	-1.00
U19	1.00	1.00	0.70	-0.60
U20	1.00	1.00	0.70	-0.60
U21	1.00	1.00	1.00	-0.60
U22	1.00	1.00	0.70	-1.00
U23	1.00	1.00	0.70	-0.60
U24	1.00	1.00	0.70	-0.60
U25	1.00	1.00	1.00	-0.60
U26	1.00	1.00	0.70	-1.00
U27	1.00	1.00	0.70	-0.60
U28	1.00	1.00	0.70	-0.60
U29	1.00	1.00	1.00	-0.60
U30	1.00	1.00	0.70	-1.00
U31	1.00	1.00	0.70	-0.60
U32	1.00	1.00	0.70	-0.60
U33	1.00	1.00	1.00	0.60
U34	1.00	1.00	0.70	1.00
U35	1.00	1.00	0.70	0.60
U36	1.00	1.00	1.00	-0.60
U37	1.00	1.00	0.70	-1.00
U38	1.00	1.00	0.70	-0.60

Comb.	Condizione							
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve	Spinta stat.**	Spinta din.X**	Spinta din.Y**
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U1	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U2	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U3	1.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U4	0.60	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U5	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U6	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U7	0.00	1.00	0.00	0.00	0.50	1.00	0.00	0.00
U8	0.00	0.60	0.00	0.00	1.00	1.00	0.00	0.00
U9	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U10	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U11	0.00	0.00	1.00	0.00	0.50	1.00	0.00	0.00
U12	0.00	0.00	0.60	0.00	1.00	1.00	0.00	0.00
U13	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U14	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U15	0.00	0.00	0.00	1.00	0.50	1.00	0.00	0.00
U16	0.00	0.00	0.00	0.60	1.00	1.00	0.00	0.00
U17	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U18	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U19	1.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U20	0.60	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U21	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U22	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U23	0.00	1.00	0.00	0.00	0.50	1.00	0.00	0.00
U24	0.00	0.60	0.00	0.00	1.00	1.00	0.00	0.00
U25	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U26	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U27	0.00	0.00	1.00	0.00	0.50	1.00	0.00	0.00
U28	0.00	0.00	0.60	0.00	1.00	1.00	0.00	0.00
U29	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U30	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U31	0.00	0.00	0.00	1.00	0.50	1.00	0.00	0.00
U32	0.00	0.00	0.00	0.60	1.00	1.00	0.00	0.00
U33	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U34	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U35	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U36	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U37	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U38	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	γGns	γG2ns	γQns	Ψ0γQns
2	γGns	γG2ns	γQns	-Ψ0γQns
3	γGns	γG2ns	Ψ0γQns	γQns
4	γGns	γG2ns	Ψ0γQns	-γQns
U1	1.00	1.00	1.00	0.60
U2	1.00	1.00	0.70	1.00
U3	1.00	1.00	0.70	0.60
U4	1.00	1.00	0.70	0.60
U5	1.00	1.00	1.00	0.60
U6	1.00	1.00	0.70	1.00
U7	1.00	1.00	0.70	0.60
U8	1.00	1.00	0.70	0.60
U9	1.00	1.00	1.00	0.60
U10	1.00	1.00	0.70	1.00
U11	1.00	1.00	0.70	0.60
U12	1.00	1.00	0.70	0.60
U13	1.00	1.00	1.00	0.60
U14	1.00	1.00	0.70	1.00

U15	1.00	1.00	0.70	0.60
U16	1.00	1.00	0.70	0.60
U17	1.00	1.00	1.00	-0.60
U18	1.00	1.00	0.70	-1.00
U19	1.00	1.00	0.70	-0.60
U20	1.00	1.00	0.70	-0.60
U21	1.00	1.00	1.00	-0.60
U22	1.00	1.00	0.70	-1.00
U23	1.00	1.00	0.70	-0.60
U24	1.00	1.00	0.70	-0.60
U25	1.00	1.00	1.00	-0.60
U26	1.00	1.00	0.70	-1.00
U27	1.00	1.00	0.70	-0.60
U28	1.00	1.00	0.70	-0.60
U29	1.00	1.00	1.00	-0.60
U30	1.00	1.00	0.70	-1.00
U31	1.00	1.00	0.70	-0.60
U32	1.00	1.00	0.70	-0.60
U33	1.00	1.00	1.00	0.60
U34	1.00	1.00	0.70	1.00
U35	1.00	1.00	0.70	0.60
U36	1.00	1.00	1.00	-0.60
U37	1.00	1.00	0.70	-1.00
U38	1.00	1.00	0.70	-0.60

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U1	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U2	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U3	1.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U4	0.60	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U5	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U6	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U7	0.00	1.00	0.00	0.00	0.50	1.00	0.00	0.00
U8	0.00	0.60	0.00	0.00	1.00	1.00	0.00	0.00
U9	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U10	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U11	0.00	0.00	1.00	0.00	0.50	1.00	0.00	0.00
U12	0.00	0.00	0.60	0.00	1.00	1.00	0.00	0.00
U13	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U14	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U15	0.00	0.00	0.00	1.00	0.50	1.00	0.00	0.00
U16	0.00	0.00	0.00	0.60	1.00	1.00	0.00	0.00
U17	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U18	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U19	1.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U20	0.60	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U21	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U22	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U23	0.00	1.00	0.00	0.00	0.50	1.00	0.00	0.00
U24	0.00	0.60	0.00	0.00	1.00	1.00	0.00	0.00
U25	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U26	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U27	0.00	0.00	1.00	0.00	0.50	1.00	0.00	0.00
U28	0.00	0.00	0.60	0.00	1.00	1.00	0.00	0.00
U29	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U30	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U31	0.00	0.00	0.00	1.00	0.50	1.00	0.00	0.00
U32	0.00	0.00	0.00	0.60	1.00	1.00	0.00	0.00
U33	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U34	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U35	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U36	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U37	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U38	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A2				
Comb.	**Condizione**			
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**
1	γGns	γG2ns	γQns	Ψ0γQns
2	γGns	γG2ns	γQns	-Ψ0γQns
3	γGns	γG2ns	Ψ0γQns	γQns
4	γGns	γG2ns	Ψ0γQns	-γQns
U1	1.00	1.00	1.00	0.60
U2	1.00	1.00	0.70	1.00
U3	1.00	1.00	0.70	0.60
U4	1.00	1.00	0.70	0.60
U5	1.00	1.00	1.00	0.60
U6	1.00	1.00	0.70	1.00
U7	1.00	1.00	0.70	0.60
U8	1.00	1.00	0.70	0.60
U9	1.00	1.00	1.00	0.60
U10	1.00	1.00	0.70	1.00
U11	1.00	1.00	0.70	0.60
U12	1.00	1.00	0.70	0.60
U13	1.00	1.00	1.00	0.60
U14	1.00	1.00	0.70	1.00
U15	1.00	1.00	0.70	0.60
U16	1.00	1.00	0.70	0.60
U17	1.00	1.00	1.00	-0.60
U18	1.00	1.00	0.70	-1.00
U19	1.00	1.00	0.70	-0.60
U20	1.00	1.00	0.70	-0.60
U21	1.00	1.00	1.00	-0.60
U22	1.00	1.00	0.70	-1.00
U23	1.00	1.00	0.70	-0.60
U24	1.00	1.00	0.70	-0.60
U25	1.00	1.00	1.00	-0.60
U26	1.00	1.00	0.70	-1.00
U27	1.00	1.00	0.70	-0.60
U28	1.00	1.00	0.70	-0.60
U29	1.00	1.00	1.00	-0.60
U30	1.00	1.00	0.70	-1.00
U31	1.00	1.00	0.70	-0.60
U32	1.00	1.00	0.70	-0.60
U33	1.00	1.00	1.00	0.60
U34	1.00	1.00	0.70	1.00
U35	1.00	1.00	0.70	0.60
U36	1.00	1.00	1.00	-0.60
U37	1.00	1.00	0.70	-1.00
U38	1.00	1.00	0.70	-0.60

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U1	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U2	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U3	1.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U4	0.60	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U5	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U6	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U7	0.00	1.00	0.00	0.00	0.50	1.00	0.00	0.00
U8	0.00	0.60	0.00	0.00	1.00	1.00	0.00	0.00
U9	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U10	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U11	0.00	0.00	1.00	0.00	0.50	1.00	0.00	0.00
U12	0.00	0.00	0.60	0.00	1.00	1.00	0.00	0.00
U13	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U14	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U15	0.00	0.00	0.00	1.00	0.50	1.00	0.00	0.00
U16	0.00	0.00	0.00	0.60	1.00	1.00	0.00	0.00

U17	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U18	0.60	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U19	1.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U20	0.60	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U21	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U22	0.00	0.60	0.00	0.00	0.50	1.00	0.00	0.00
U23	0.00	1.00	0.00	0.00	0.50	1.00	0.00	0.00
U24	0.00	0.60	0.00	0.00	1.00	1.00	0.00	0.00
U25	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U26	0.00	0.00	0.60	0.00	0.50	1.00	0.00	0.00
U27	0.00	0.00	1.00	0.00	0.50	1.00	0.00	0.00
U28	0.00	0.00	0.60	0.00	1.00	1.00	0.00	0.00
U29	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U30	0.00	0.00	0.00	0.60	0.50	1.00	0.00	0.00
U31	0.00	0.00	0.00	1.00	0.50	1.00	0.00	0.00
U32	0.00	0.00	0.00	0.60	1.00	1.00	0.00	0.00
U33	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U34	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U35	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
U36	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U37	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00
U38	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Combinazioni Frequenti:

Elementi della Struttura				
Comb.	**Condizione**			
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**
1	γGns	γG2ns	Ψ1γQns	Ψ2γQns
2	γGns	γG2ns	Ψ1γQns	-Ψ2γQns
3	γGns	γG2ns	Ψ2γQns	Ψ1γQns
4	γGns	γG2ns	Ψ2γQns	-Ψ1γQns
U1	1.00	1.00	0.60	0.00
U2	1.00	1.00	0.60	0.00
U3	1.00	1.00	0.60	0.00
U4	1.00	1.00	0.60	0.00
U5	1.00	1.00	0.60	0.00
U6	1.00	1.00	0.60	0.00

Comb.	**Condizione**							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U1	0.20	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U2	0.00	0.20	0.00	0.00	0.00	1.00	0.00	0.00
U3	0.00	0.00	0.20	0.00	0.00	1.00	0.00	0.00
U4	0.00	0.00	0.00	0.20	0.00	1.00	0.00	0.00
U5	0.00	0.00	0.00	0.00	0.20	1.00	0.00	0.00
U6	0.00	0.00	0.00	0.00	0.20	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A1				
Comb.	**Condizione**			
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**
1	γGns	γG2ns	Ψ1γQns	Ψ2γQns
2	γGns	γG2ns	Ψ1γQns	-Ψ2γQns
3	γGns	γG2ns	Ψ2γQns	Ψ1γQns
4	γGns	γG2ns	Ψ2γQns	-Ψ1γQns
U1	1.00	1.00	0.60	0.00
U2	1.00	1.00	0.60	0.00
U3	1.00	1.00	0.60	0.00
U4	1.00	1.00	0.60	0.00
U5	1.00	1.00	0.60	0.00

U6	1.00	1.00	0.60	0.00

Comb.	Condizione							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U1	0.20	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U2	0.00	0.20	0.00	0.00	0.00	1.00	0.00	0.00
U3	0.00	0.00	0.20	0.00	0.00	1.00	0.00	0.00
U4	0.00	0.00	0.00	0.20	0.00	1.00	0.00	0.00
U5	0.00	0.00	0.00	0.00	0.20	1.00	0.00	0.00
U6	0.00	0.00	0.00	0.00	0.20	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A2				
Comb.	**Condizione**			
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**
1	γGns	γG2ns	Ψ1γQns	Ψ2γQns
2	γGns	γG2ns	Ψ1γQns	-Ψ2γQns
3	γGns	γG2ns	Ψ2γQns	Ψ1γQns
4	γGns	γG2ns	Ψ2γQns	-Ψ1γQns
U1	1.00	1.00	0.60	0.00
U2	1.00	1.00	0.60	0.00
U3	1.00	1.00	0.60	0.00
U4	1.00	1.00	0.60	0.00
U5	1.00	1.00	0.60	0.00
U6	1.00	1.00	0.60	0.00

Comb.	Condizione							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U1	0.20	0.00	0.00	0.00	0.00	1.00	0.00	0.00
U2	0.00	0.20	0.00	0.00	0.00	1.00	0.00	0.00
U3	0.00	0.00	0.20	0.00	0.00	1.00	0.00	0.00
U4	0.00	0.00	0.00	0.20	0.00	1.00	0.00	0.00
U5	0.00	0.00	0.00	0.00	0.20	1.00	0.00	0.00
U6	0.00	0.00	0.00	0.00	0.20	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Combinazioni quasi permanenti:

Elementi della Struttura				
Comb.	**Condizione**			
	C. perm.(Gk1)	**C. p. non str.(Gk2)**	**C. ese.(Qk)**	**Delta T(DT)**
1	γGns	γG2ns	Ψ2γQns	Ψ2γQns
2	γGns	γG2ns	Ψ2γQns	-Ψ2γQns

Comb.	Condizione							
	Vento (+X)	**Vento (-X)**	**Vento (+Y)**	**Vento (-Y)**	**Neve**	**Spinta stat.****	**Spinta din.X****	**Spinta din.Y****
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A1				
Comb.	**Condizione**			
	C.	**C. p. non**	**C. ese.(Qk)**	**Delta T(DT)**

	perm.(Gk1)	str.(Gk2)		
1	γGns	γG2ns	Ψ2γQns	Ψ2γQns
2	γGns	γG2ns	Ψ2γQns	-Ψ2γQns

Comb.	Condizione							
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve	Spinta stat.**	Spinta din.X**	Spinta din.Y**
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.

Elementi di fondazione A2				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	γGns	γG2ns	Ψ2γQns	Ψ2γQns
2	γGns	γG2ns	Ψ2γQns	-Ψ2γQns

Comb.	Condizione							
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve	Spinta stat.**	Spinta din.X**	Spinta din.Y**
1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

**Le condizioni "Spinta stat.", "Spinta din X", "Spinta din Y" sono relative alla spinta del terreno sulle pareti.
I coefficienti utilizzati assumono i seguenti valori:

SLE															
	Caratteristiche					Frequenti					Q. Permanenti				
ELEMENTO	γGns	γQns	γI	γEG	γEQ	γGns	γQns	γI	γEG	γEQ	γGns	γQns	γI	γEG	γEQ
ELEMENTO	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Fondazione A1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Fondazione A2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Tali combinazioni vengono considerate sovrapponendo i diagrammi secondo la tecnica dell'inviluppo.

2.4 Procedura di Verifica degli elementi.

2.4.1 Elementi in C.A. .

Le Verifiche relative alle strutture in C.A. si possono riassumere, in funzione degli elementi considerati, nei seguenti tipi:

- Pilastri

Tali elementi vengono verificati utilizzando lo stato sollecitante completo nei riguardi di:

- PressoTensoFlessione Deviata
- Taglio
- Stabilità
- Stato tensionale

- Travi

Tali elementi vengono verificati utilizzando lo stato sollecitante completo nei riguardi di

- PressoTensoFlessione
- Taglio
- Deformabilità
- Stato tensionale
- Fessurazione

- Travi di fondazione

Tali elementi vengono verificati utilizzando lo stato sollecitante completo nei riguardi di

- PressoTensoFlessione
- Taglio
- Stato tensionale
- Fessurazione

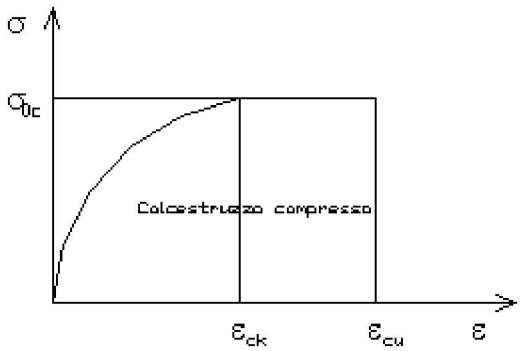
Le singole verifiche vengono descritte qui di seguito:

- PressoTensoFlessione Deviata

Le sollecitazioni che vengono considerate in tale verifica sono: Sforzo Normale,Momento Flettente X-Z, Momento Flettente X-Y.
La verifica di resistenza è soddisfatta se la sollecitazione determinata dalla condizione considerata cade all'interno del dominio di sicurezza determinato, attraverso la conoscenza: - del comportamento meccanico della sezione in esame;
- delle caratteristiche dei materiali di cui è composta;
- dei coefficienti di sicurezza forniti dalla normativa seguita.

Il calcolo è condotto nelle ipotesi che:
1. Le sezioni rimangano piane fino a rottura;
2. Ci sia perfetta aderenza fra acciaio e calcestruzzo;
3. La deformazione massima del calcestruzzo compresso è pari a 0.0035 nel caso di flessione semplice e composta; con asse neutro reale mentre è pari a 0.002 nel caso di compressione semplice;
4. La deformazione massima per l'acciaio teso sia pari a 0.01;
5. Il calcestruzzo non abbia alcuna capacità di resistenza a trazione.

Il diagramma tensioni-deformazioni assunto per il calcestruzzo è di tipo parabola-rettangolo come indicato nella seguente figura:



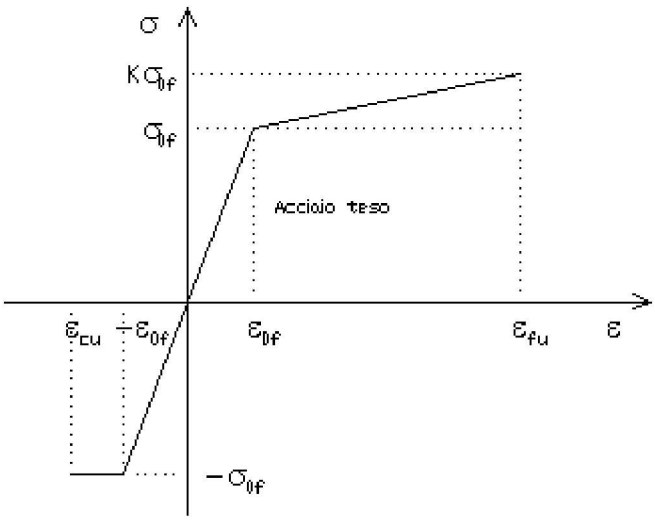
dove: ε_{ck} = 0.002;
ε_{cu} = 0.0035;
σ_{0c} = $0.85 \cdot 0.83 \cdot R_{ck} / \gamma_c$;
R_{ck} = resistenza caratteristica del calcestruzzo;
$\gamma_{m,c}$ = coefficiente di materiale del calcestruzzo;

Le equazioni che descrivono il diagramma sono:

$\varepsilon < \varepsilon_{ck} : \sigma(\varepsilon) = 1000 \cdot \sigma_{0c} \cdot \varepsilon \cdot (1 - 250 \cdot \varepsilon)$;

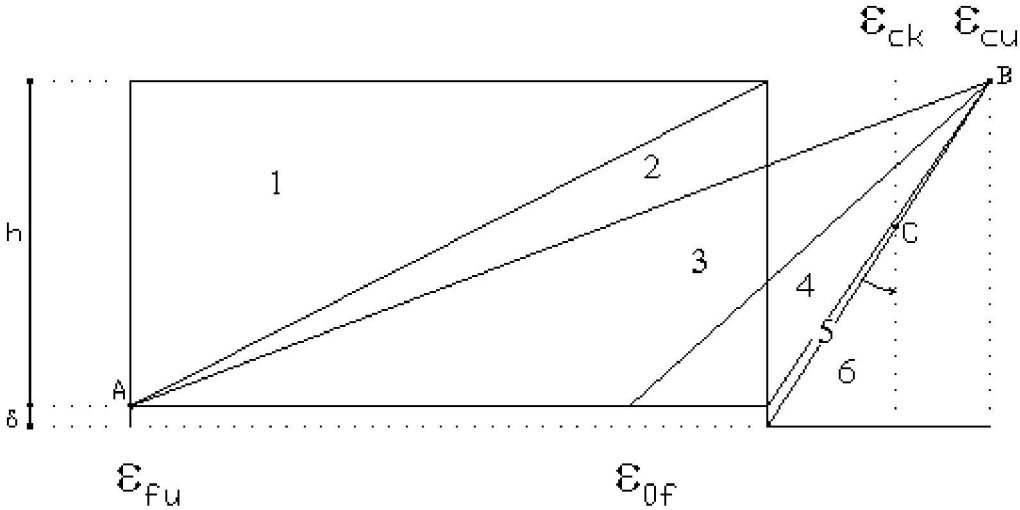
$\varepsilon_{ck} < \varepsilon < \varepsilon_{cu} : s(\sigma) = \sigma_{0c}$;

Il diagramma tensioni-deformazioni assunto per l'acciaio è indicato nella seguente figura:



dove: ε_{0f} = σ_{0f} / E;
E = Modulo di elasticità dell'acciaio;
σ_{0f} = resistenza di calcolo dell'acciaio;
k = rapporto di sovraresistenza (se è pari ad 1 il comportamento è bilineare elastico-perfettamente plastico);
f_{yk} = Resistenza caratteristica dell'acciaio
γ_m = coefficiente di sicurezza dell'acciaio;
ε_{fu} = deformazione ultima dell'acciaio;
ε_{cu} = deformazione ultima del calcestruzzo;

Le limitazioni delle deformazioni unitarie per il conglomerato e per l'acciaio conducono a definire sei diversi campi (o regioni) nei quali potrà trovarsi la retta di deformazione specifica. Tali campi sono descritti nel seguente modo:



Campo 1 : è caratterizzato dall'allungamento massimo tollerabile per l'acciaio pari aε_{fu}.Il diagramma delle deformazioni specifiche appartiene ad un fascio di rette passanti per il punto (A) mentre la distanza dall'asse neutro potrà variare da -∞ a 0.E' il caso di trazione semplice o con piccola eccentricità; la sezione risulta interamente tesa. La crisi si ha per cedimento dell'acciaio teso.

Campo 2 : è caratterizzato dall'allungamento massimo tollerabile per l'acciaio pari a ε_{fu} e dalla rotazione del diagramma attorno al punto (A). La deformazione specifica del calcestruzzo varia da 0 al valore massimo del calcestruzzo compresso (ε_{cu}) mentre la distanza dell'asse neutro dal lembo compresso può variare da 0 a 0.259h. La sezione risulterà in parte tesa ed in parte compressa e quindi sarà sollecitata a flessione semplice o composta.

Campo 3 : è caratterizzato dall'accorciamento massimo del conglomerato pari a ε_{cu}. Le rette di deformazione appartengono ad un fascio passante per (B). La massima tensione del calcestruzzo in questa regione è pari a quella di rottura di calcolo mentre l'armatura è ancora deformata in campo plastico. La sezione risulterà in parte tesa ed in parte compressa e quindi sarà sollecitata a flessione semplice o composta.

Campo 4 : è caratterizzato dall'accorciamento massimo del conglomerato pari a ε_{cu}. Le rette di deformazione appartengono ad un fascio passante per (B). La massima tensione del calcestruzzo in questa regione è pari a quella di rottura di calcolo mentre l'armatura è sollecitata con tensioni inferiori allo snervamento e può risultare anche scarica. La sezione risulterà in parte tesa ed in parte compressa e quindi sarà sollecitata a flessione semplice o composta.

Campo 5 : è caratterizzato dall'accorciamento massimo del conglomerato pari a ε_{cu}. Le rette di deformazione appartengono ad un fascio passante per (B) mentre la distanza dell'asse neutro varia da h ad h+d. L'armatura in tale regione è sollecitata a compressione e pertanto tutta la sezione è compressa; è questo il caso della flessione composta.

Campo 6 : è caratterizzato dall'accorciamento massimo del conglomerato compresso che varia fra ε_{cu}e ε_{ck}.Le rette di deformazione specifica appartengono ad un fascio passante per (C) e la distanza dell'asse neutro varia fra 0 e -∞. La distanza di (C) dal lembo superiore vale 3h/7. La sezione risulta sollecitata a compressione semplice o composta.

- Taglio

Il calcolo del taglio viene eseguito secondo il metodo di Ritter-Morsch.
Per gli elementi in cui è richiesta la verifica a taglio, deve risultare:

$$V_{Sd} \leq \min[V_{Rsd}, V_{Rcd}]$$

dove:

- V_{Sd} : taglio sollecitante il calcolo;
- V_{Rsd} = 0.9 d (A_{SW} / s) f_{yd} (ctgα + ctgθ) sinα;
- V_{Rcd} = 0.9 d b_W α_c f'_{cd} (ctgα + ctgθ) / (1 + ctg²θ);
- d : altezza utile della sezione;
- A_{SW} : area dell'armatura trasversale;
- s : passo dell'armatura trasversale;;
- f_{yd} : resistenza a snervamento dell'acciaio;
- b_W : larghezza minima della sezione lungo l'altezza efficace;

Il contributo delle armature a taglio è somma del contributo delle staffe e degli eventuali sagomati. In ogni caso l'aliquota massima che può essere affidata ai sagomati è il 50% dello sforzo di taglio massimo.

- Taglio in condizioni cicliche

Per le combinazioni sismiche viene effettuata un'ulteriore verifica alle azioni di taglio considerando la riduzione di resistenza in condizioni cicliche in funzione della domanda di duttilità sull'elemento, per il livello di azione considerato.
La resistenza a taglio VR in condizioni cicliche, quali quelle sismiche, può essere valutata sulla base dei tre contributi dovuti all'entità dello sforzo normale N, al calcestruzzo e all'acciaio, nonché dell'interazione con la rotazione flessionale dell'elemento in funzione della parte plastica della domanda di duttilità, μ?,pl.
La formula utilizzata, contenuta sia nella Circolare 7/2019 sia nell/EC8 - Parte 3, è la seguente:

$$V_R = \frac{1}{\gamma_{el}}\left[\frac{h-x}{2L_V} min(N; 0.55A_c f_c) + \left(1 - 0.05min(5; \mu_{\Delta pl})\right)\left[0.16max(0.5; 100\rho_{tot})\left(1 - 0.16min\left(5; \frac{L_V}{h}\right)\right)\sqrt{f_c}A_c + V_W\right]\right]$$

Per il significato dei vari parametri si rimanda alle già citate norme.

- Stabilità

La verifica di instabilità degli elementi snelli in c.a. viene condotta attraverso un'analisi del secondo ordine che tiene in conto degli effetti flessionali dell'azione assiale sulla configurazione deformata degli elementi stessi.
Si sono assunti legami fra le azioni interne e le deformazioni che mettono in conto il comportamento non lineare dei materiali e si è trascurato il contributo del calcestruzzo teso.

Il valore limite della snellezza per ogni colonna è stato assunto pari a:

$$\lambda_{lim} = 25 / \sqrt{\nu}$$

dove:
$\nu = N_{ed}/(A_c\ f_{cd})$
$C = 1.7 - r_m$
$r_m = M_{01} / M_{02}$ è il rapporto fra i momenti flettenti del primo ordine alle due estremità del pilastro, positivo se i due momenti sono discordi sulla trave ($|M_{02}|>=|M_{01}|$).

La snellezza della colonna da confrontare con λ_{lim} è pari a:
$\lambda = \lambda_0 / i$
λ_0è la lunghezza libera d'inflessione definita in base ai vincoli di estremità ed i il raggio d'inerzia delle sezioni in calcestruzzo non fessurato.

Con riferimento al punto 4.1.2.3.9.3 del D.M. 17/01/2018 in aggiunta al momento sollecitante esterno viene sommata un'aliquota dovuta ad un'eccentricità dello sforzo normale pari a 1/300 dell'altezza della colonna (difetto di rettilineità).
In aggiunta viene considerata un'aliquota aggiuntiva che tenga conto dell'inflessione della colonna pari a $e2 := 0.222\ e_{fy}\ l_0^2/h$.

- Stato tensionale

Tale verifica rientra nell'ambito della verifica di esercizio. Il calcolo delle tensioni si ottiene sfruttando le ipotesi tradizionali per il calcolo del cemento armato ordinario, e cioè:

1. assunzione dei materiali elastico lineari;
2. conservazione delle sezioni piane al crescere dei carichi;
3. perfetta aderenza tra acciaio e calcestruzzo;
4. resistenza nulla a trazione del calcestruzzo;

Inoltre può essere stabilito un coefficiente di omogeneizzazione diverso dal valore ordinario.
Le tensioni di esercizio si possono calcolare considerando le combinazioni di carico caratteristica, frequente e quasi permanente.
La verifica consiste nel confrontare le tensioni di calcolo con quelle limite dei materiali.

- Fessurazione

Poiché la fessurazione in strutture in cemento armato ordinario è quasi inevitabile, bisogna limitare tali entità in modo da non pregiudicare il corretto funzionamento della struttura.
La fessurazione può essere limitata assicurando un minimo di area di armatura longitudinale che può essere calcolata dalla seguente espressione:

$$A_s = k_c\ k\ f_{ct,eff}\ (A_{ct} / \sigma_s)$$

dove:
A_s : area di armatura nella zona tesa;
k_c : coefficiente che tiene conto del tipo di distribuzione delle tensioni nella sezione subito prima la fessurazione. Assume valore 0.4 per flessione senza compressione assiale, e 1 per trazione;
k : coefficiente che tiene conto degli effetti di tensioni auto-equilibrate non uniformi;
$f_{ct,eff}$: resistenza efficace a trazione della sezione al momento in cui si suppone insorgano le prime fessure. In mancanza di dati si utilizza il valore di 3 N/mm²;
A_{ct} : area del calcestruzzo in zona tesa subito prima della fessurazione;
σ_s : massima tensione ammessa nell'armatura subito dopo la formazione della fessura.

Il calcolo delle ampiezze delle fessure si effettua considerando anche la parte di calcestruzzo reagente a trazione utilizzando la seguente espressione:

$$W_k = \beta\ s_{rm}\ \varepsilon_{sm}$$

W_k : ampiezza di calcolo delle fessure;
β : coefficiente di correlazione tra l'ampiezza media delle fessure e il valore di calcolo;
s_{rm} : distanza media finale tra le fessure;
ε_{sm} : deformazione che tiene conto, nella combinazione di carico considerata, degli effetti "tension stiffening", del ritiro;

La quantità ε_{sm} si ottiene dalla seguente espressione:

$$\varepsilon_{sm} = (\sigma_s / E_s) [1 - \beta_1 \beta_2 (\sigma_{sr} / \sigma_s)^2]$$

dove:
σ_s : tensione dell'acciaio teso calcolata a sezione fessurata;
E_s : modulo elastico dell'acciaio;
σ_{sr}: tensione dell'acciaio teso calcolata nella sezione per una condizione di carico che induce alla prima fessurazione;
β_1 : coefficiente di aderenza delle barre. Assume valore 0.5 per barre lisce e 1 per barre ad aderenza migliorata;
β_2 : coefficiente di durata dei carichi. Assume valore 0.5 per carichi di lunga durata o per molti cicli ripetuti e 1 per un singolo carico di breve durata.

La quantità s_{rm} si ottiene dalla seguente espressione:

$$s_{rm} = 50 + 0.25\ k_1\ k_2\ (\phi / \rho_r)$$

dove:
k_1 : coefficiente di aderenza delle barre. Assume valore 1.6 per barre lisce e 0.8 per barre ad aderenza migliorata;
k_2 : coefficiente che tiene conto della forma del diagramma delle deformazioni. Assume valore 0.5 per flessione e 1 per trazione pura;
ϕ : diametro delle barre in mm. Se si utilizzano più diametri si utilizza il diametro medio.

La fessurazione causata dalle azioni tangenziali si considera contenuta in limiti accettabili se si adotta un passo delle staffe.Tale verifica non è necessaria in elementi in cui non è richiesta l'armatura a taglio.

- Verifiche a deformabilità

Per il calcolo della deformabilità di elementi inflessi si utilizza il metodo che pesa le curvature nelle due situazioni caratteristiche degli elementi in c.a. ("I" sezione integra; "II" sezione fessurata). A tale riguardo la curvatura in una generica sezione può essere valutata con la seguente relazione:

$$\theta = (1-\zeta)\ \theta_I + \zeta\ \theta_{II}$$

dove ζ rappresenta l'effetto irrigidente del calcestruzzo tra due fessure consecutive (tension stiffening):

$$\zeta = 1 - c(M_{cr}/M)^2$$

dove:

c : pari a 1 per carichi permanenti;
M_{cr} : momento di prima fessurazione;
M : momento sollecitante.

Per calcolare la freccia di un elemento, si divide in "n" conci uguali e si calcola la curvatura di ogni concio riferita alla coordinata xiLa freccia relativa alla sezione xj è pari a:

$$\delta_j = \varphi_A\ x_j - \Sigma(x_j - x_i)\ \theta_i \Delta x$$

dove:
φ_A : rotazione dell'estremo iniziale dell'elemento;
l : lunghezza dell'elemento;
Δ_x : lunghezza del concio;
θ_i : curvatura relativa al concio.

- Particolari prescrizioni nell'ambito della gerarchia delle resistenze

Al fine di garantire la gerarchia delle resistenze per le strutture in c.a. sono state considerate alcune prescrizioni aggiuntive per il calcolo delle sollecitazioni di calcolo.

Per le travi, al fine di escludere la formazione di meccanismi inelastici dovuti al taglio, le sollecitazioni di taglio di calcolo vengono ottenute sommando i seguenti contributi:

1. sollecitazioni di taglio relative ai carichi gravitazionali agenti sulla trave, considerata incernierata agli estremi;
2. sollecitazioni di taglio corrispondenti alla formazione delle cernire plastiche nella trave e prodotte dai momenti resistenti delle due sezioni di plasticizzazione (generalmente quelle di estremità) amplificati del fattore di sovraresistenza.

Il fattore di sovraresistenza (γ_{Rd}) è assunto pari ad 1.20 per strutture in CD"A" e ad 1.10 per strutture in CD"B".Per ciascuna direzione e ciascun verso di applicazione delle azioni sismiche, si devono proteggere i pilastri dalla plasticizzazione prematura adottando opportuni momenti flettenti di calcolo.
Tale condizione di consegue qualora, verificando che la resistenza complessiva delle travi amplificata del fattore di sovraresistenza, in accordo con la formula:

$$\Sigma M_{C,Rd} \geq \gamma_{Rd} \quad \Sigma M_{b,Rd}$$

dove:
γ_{Rd} = 1.30 per le strutture in CD"A";
γ_{Rd} = 1.30 per le strutture in CD"B";
$M_{C,Rd}$ è il momento resistente del generico pilastro convergente nel nodo, calcolato per i livelli di sollecitazione assiale presenti nelle combinazioni sismiche delle azioni.
$M_{b,Rd}$ è il momento resistente della generica trave convergente nel nodo.

Per i pilastri, al fine di escludere la formazione di meccanismi inelastici dovuti al taglio, le sollecitazioni di taglio da utilizzare per le verifiche ed il dimensionamento delle armature si ottengono sommando i seguenti contributi:

1. sollecitazioni di taglio dovuto ai carichi gravitazionali;
2. sollecitazioni di taglio indotte dalla condizione di equilibrio del pilastro soggetto all'azione dei momenti resistenti nelle sezioni di estremità superiore ed inferiore secondo l'espressione:

$$V_{Ed} = \gamma_{Rd} \, (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) \, / \, 1_p$$

Per i pilastri:
Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Per le travi:
Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Il dimensionamento delle strutture di fondazione è stato eseguito assumendo come azioni in fondazione le resistenze degli elementi strutturali soprastanti secondo le indicazione del punto 7.2.5. In particolare viene applicato un fattore di sovraresistenza rispetto alle azioni sollecitanti trasferite dagli elementi sovrastanti, pari a 1,1 in CD "B" e 1,3 in CD "A". In ogni caso i valori utilizzati non sono maggiori di quelle derivanti da una analisi elastica della struttura in elevazione eseguita con un fattore di comportamento q pari a 1.

- Particolari prescrizioni per pareti non dissipative

Le pareti non dissipative sono state progettate utilizzando le sollecitazioni relative allo spettro elastico (q = 1).

- Particolari prescrizioni per distribuzione irregolari di tamponamenti ed impianti

Nel caso di distribuzione fortemente irregolare in altezza di tamponamenti ed impianti, deve essere considerata la possibilità di forti concentrazioni di danno ai livelli caratterizzati da significativa riduzione del numero di tali elementi.

Questo requisito si intende soddisfatto incrementando le azioni di calcolo per gli elementi verticali (pilastri e pareti) dei livelli con riduzione dei tamponamenti come descritto nel paragrafo 7.2.3 delle N.T.C. I fattori di sovraresistenza utilizzati nel presente calcolo sono:

Impalcato	Fatt. Sovr.
1	1.00
2	1.00

3	1.00
4	1.00

- Operazioni per il controllo della duttilità (DUT) richiesta dagli elementi in c.a

Nel caso di comportamento strutturale dissipativo il comportamento sismico della struttura è largamente dipendente dal comportamento delle sue zone dissipative, esse devono formarsi ove previsto e mantenere, in presenza di azioni cicliche, la capacità di trasmettere le necessarie sollecitazioni e di dissipare energia, garantendo la capacità in duttilità relativa alla classe di duttilità scelta.
I dettagli costruttivi delle zone dissipative e delle connessioni tra queste zone e le restanti parti della struttura, nonché dei diversi elementi strutturali tra loro, sono fondamentali per un corretto comportamento sismico e devono essere esaurientemente specificati negli elaborati di progetto.
Nel caso di analisi lineare la verifica di duttilità si può ritenere soddisfatta, rispettando per tutti gli elementi strutturali, sia primari sia secondari, le regole specifiche per i dettagli costruttivi precisate dalle norme per le diverse tipologie costruttive.

3 Dati

3.1 Dati Generali

Numero Impalcati : 4
Numero delle tipologie di sezioni trasversali usate : 16
Numero delle tipologie di solaio utilizzate : 1

Impalcato	Quota assoluta min [cm]	Quota assoluta max [cm]	Quota relativa min [cm]	Quota relativa max [cm]	Numero Colonne	Numero Travi
Fondazione	0.00	0.00	0.00	0.00	0	76
Piano 1	0.00	385.00	385.00	385.00	46	67
Piano 2	385.00	770.00	385.00	385.00	46	72
Piano 3	770.00	1120.00	350.00	350.00	44	69
Piano 4	1120.00	1420.00	300.00	300.00	12	18

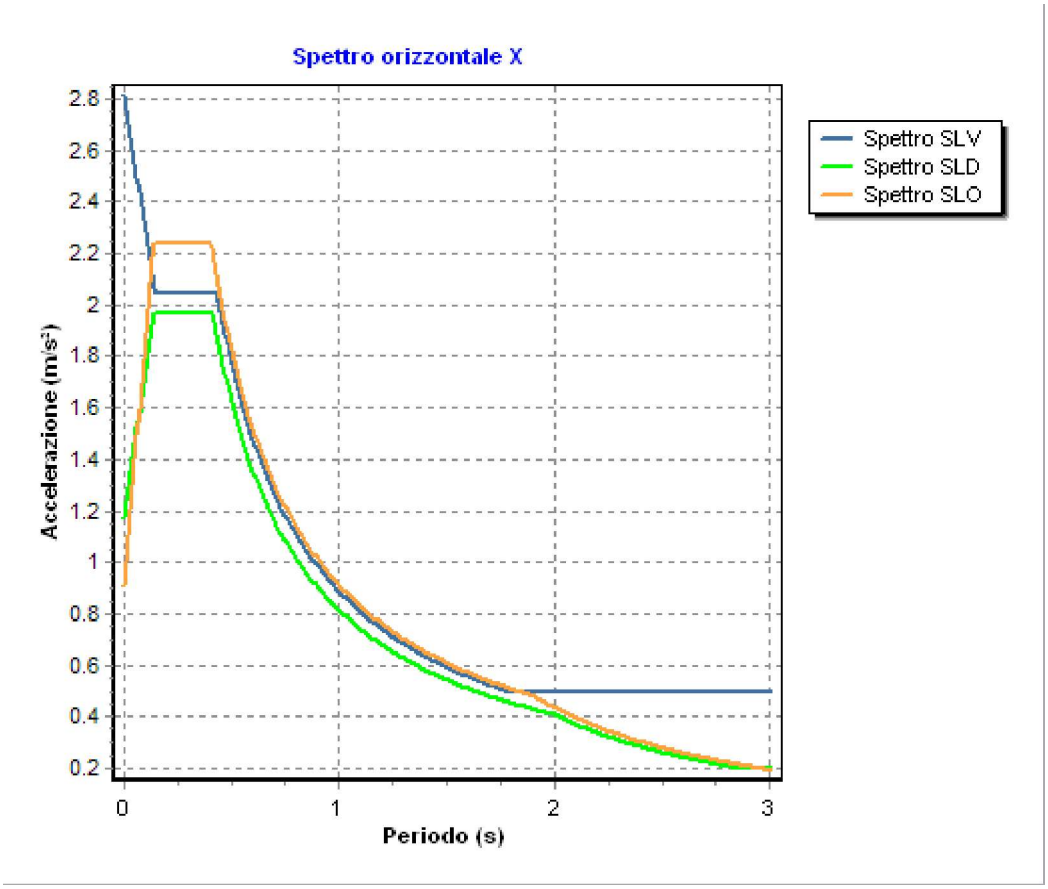
Coordinate (Datum WGS84) del sito : Latitudine = 38.4679° - Longitudine = 14.9514°
Coordinate (Datum ED50) del sito : Latitudine = 38.4689° - Longitudine = 14.9522°

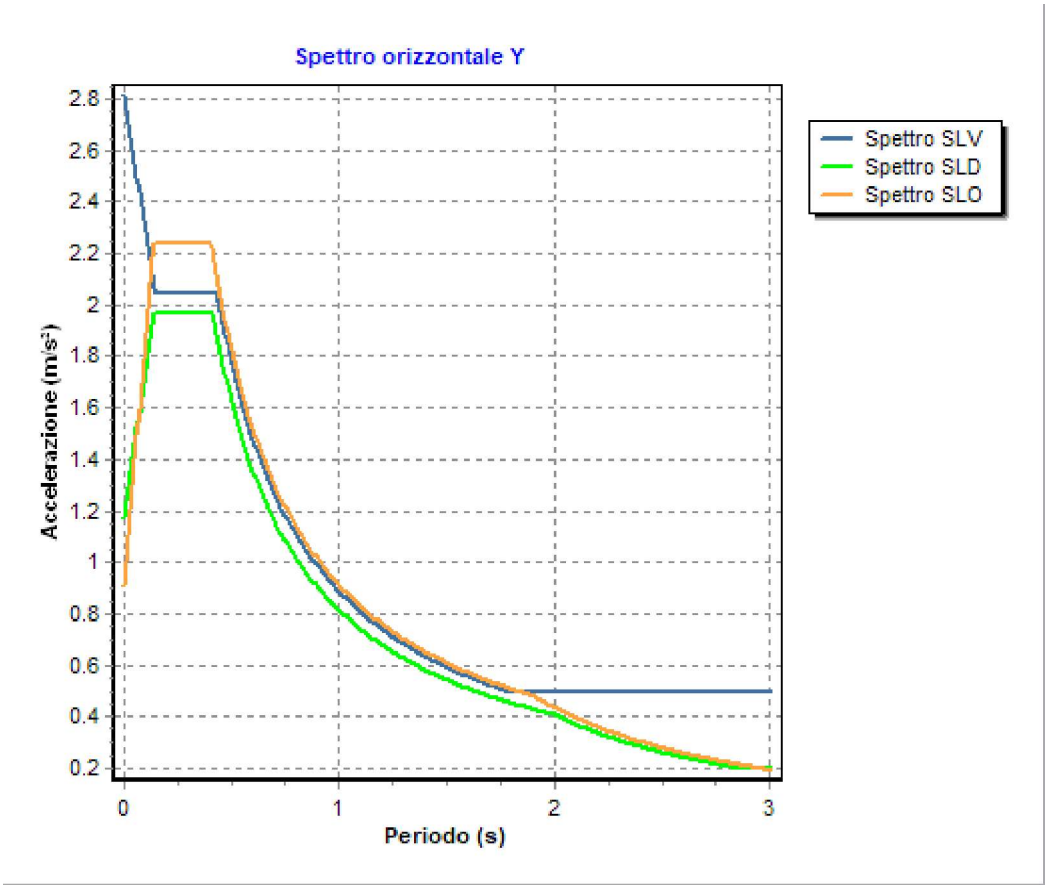
Identificativi e coordinate (Datum ED50) dei punti che includono il sito		
Numero punto	**Latitudine [°]**	**Longitudine [°]**
1	38.9074	14.7273
2	38.9054	15.3799

Zona sismica : SI
Suolo di fondazione : B
Vita nominale : 50
Classe di duttilità: A
Tipo di opera : Opere ordinarie
Classe d'uso : III
Vita di riferimento : 75
Categoria topografica : T1
Coefficiente smorzamento viscoso : 0.05

	Parametri dello spettro di risposta orizzontale							
	SLV		SLC		SLD		SLO	
Tempo di ritorno	712		1462		75		45	
Accelerazione sismica	0.253		0.319		0.100		0.077	
Coefficiente Fo	2.619		2.697		2.511		2.474	
Periodo T_C*	0.312		0.319		0.294		0.289	
Coefficiente Ss	1.13		1.06		1.20		1.20	
Coefficiente di amplificazione topografica St	1.00		1.00		1.00		1.00	
Prodotto Ss · St	1.13		1.06		1.20		1.20	
Periodo T_B	0.14		0.15		0.14		0.14	
Periodo T_C	0.43		0.44		0.41		0.41	
Periodo T_D	2.61		2.88		2.00		1.91	
	x	y	x	y	x	y	x	y
Coefficiente η	0.278	0.278	1.000	1.000	*	*	*	*

* η pari a 1 per gli spostamenti e 2/3 per le sollecitazioni.





- FATTORI DI COMPORTAMENTO -

Fattore di comportamento direzione x (qx)	: 3.60
Fattore di comportamento direzione y (qy)	: 3.60
Fattore di comportamento direzione z (qz)	: 1.50

Modulo di Winkler traslazionale	: 5.00 daN/cm³
Modulo di Winkler tangenziale	: 2.50 daN/cm³
Delta Termico aste di elevazione	: 15
Delta Termico aste di fondazione	: 15
Modulo di omogeneizzazione (per SLE)	: 15
Classe di servizio per le strutture in legno	: 1

Coeff. di riduzione per rigidezza fessurata:

SLV-SLC

Pilastri

Assiale	: 1.00
Flessione	: 1.00
Taglio	: 1.00

Travi

Assiale	: 1.00
Flessione	: 1.00
Taglio	: 1.00

Pareti

Nel Piano	: 1.00
Fuori Piano	: 1.00

Platee

Nel Piano	: 1.00
Fuori Piano	: 1.00

SLD-SLO

Pilastri

Assiale	: 1.00

Flessione : 1.00
Taglio : 1.00
Travi
Assiale : 1.00
Flessione : 1.00
Taglio : 1.00
Pareti
Nel Piano : 1.00
Fuori Piano : 1.00
Platee
Nel Piano : 1.00
Fuori Piano : 1.00
Delta termico
Slv : 0.50
Sle : 0.50

Copriferro Travi di Fondazione : 2.50 cm
Copriferro Travi di Elevazione in C.A. : 2.50 cm
Copriferro Pilastri in C.A. : 2.50 cm
Copriferro Solai : 2.00 cm
Copriferro Piastre di Fondazione : 2.00 cm
Copriferro Piastre di Elevazione : 2.00 cm

3.2 Elenco e Caratteristiche dei materiali.

Nell'ambito del progetto si è fatto uso dei seguenti materiali divisi per categoria di appartenenza:

b - Calcestruzzo

Nome	Classe	Rck [daN/cm²]	ν	ps [daN/m³]	αt [1/°C]	Ec [daN/cm²]	FC	γm,c	Ect/Ec	fck [daN/cm²]	fcm [daN/cm²]	fcd SLU [daN/cm²]	fctd SLU [daN/cm²]	fcd SLD [daN/cm²]	fctd SLD [daN/cm²]	fctk,0.05 [daN/cm²]	fctm [daN/cm²]	εc2 [‰]	εcu2 [‰]
Cls1	C25/30	300	0.15	2500	1.0E-005	314758.1	-	1.50	0.50	250.0	-	141.7	12.0	212.5	18.0	18.0	25.6	2.00	3.50
Cls2	C28/35	350	0.15	2500	1.0E-005	323082.5	-	1.50	0.50	280.0	-	158.7	12.9	238.0	19.4	19.4	27.7	2.00	3.50

c - Acciaio per C.A.

Nome	Tipo	γm	FC	Es [daN/cm²]	fyk [daN/cm²]	ftk [daN/cm²]	fd SLU [daN/cm²]	fd SLD [daN/cm²]	fd SLE [daN/cm²]	k	εud [‰]
Barre1	B450C	1.15	-	2100000.0	4500.0	5400.0	3913.0	4500.0	3913.0	1.00	10.00

3.3 Elenco e caratteristiche delle colonne stratigrafiche.

Nell'ambito del progetto si è fatto uso delle seguenti colonne stratigrafiche:

Caratteristiche delle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
Filo : filo fisso al quale appartiene la colonna stratigrafica;
Impalcato : Impalcato al quale appartiene la colonna stratigrafica;
Falda : Presenza della falda;
Prof. Falda : Profondità della falda (se è presente);
Spicc. Fond. : Quota dell'estradosso della fondazione rispetto al piano campagna;
No. Strati : Numero degli strati della colonna stratigrafica.
RQD : (Rock Quality Designation)grado di fratturazione dell'ammasso roccioso in [0-1]

Filo	Colonna	Impalcato	Falda	Prof. Falda	Spicc. Fond.	No. Strati	RQD

				[cm]	[cm]		
1	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
2	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
3	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
4	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
5	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
6	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
7	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
8	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
9	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
10	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
11	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
12	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
13	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
14	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
15	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
16	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
17	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
18	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
19	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
20	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
21	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
22	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
23	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
24	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
25	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
26	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
27	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
28	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
29	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
30	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
31	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
32	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
33	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
34	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
35	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
36	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
37	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
38	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
39	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
40	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
41	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
42	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
43	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
44	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
45	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
46	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
47	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
48	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
49	Colonna 1	Fondazione	Non Presente	-	0.00	1	-

Caratteristiche degli strati appartenenti alle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
Strato : nome dello strato appartenente la colonna stratigrafica;
Spess. : Spessore dello strato;
Peso : Peso dell'unità di volume dello strato;
Peso eff. : Peso dell'unità di volume efficace dello strato;
NSPT : Numero di colpi medio misurato nello strato;
Qc : Resistenza alla punta media misurata nello strato;
ϕ : Angolo di attrito del terreno;
C : Coesione drenata del terreno;
Cu : Coesione non drenata del terreno;
E : Modulo elastico del terreno;
G : Modulo di taglio del terreno;
ν_t : Coefficiente di Poisson;
E_{ed} : Modulo Edometrico;
OCR : Grado di sovraconsolidazione del terreno.

Colonna	Strato	Spess. [cm]	Peso [daN/m³]	Peso eff. [daN/m³]	NSPT	Qc [daN/cm²]	ϕ [°]	C [daN/cm²]	Cu [daN/cm²]	E [daN/cm²]	G [daN/cm²]	ν_t	E_{ed} [daN/cm²]	OCR
Colonna 1	Sabbia con limo debo	2800.0	1831.0	800.0	20	15.00	30.0	0.00	0.00	345.00	495.16	0.35	71.00	1.00

3.4 Elenco dei carichi.

3.4.1 Pesi propri unitari - G1.

Impalcato	Solai [daN/m²]	Balconi [daN/m²]	Scale [daN/m²]
Fondazione	-	-	-
Piano 1	360	360	400
Piano 2	360	360	400
Piano 3	360	360	400
Piano 4	360	360	-

- Analisi dei Carichi -

Piano 1

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Tipologia scala prevalente: Il carico permanente G1 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati.

Piano 2

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³

Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Tipologia scala prevalente: Il carico permanente G1 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati.

Piano 3

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Tipologia scala prevalente: Il carico permanente G1 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati.

Piano 4

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm

Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

3.4.2 Carichi Permanenti unitari - G2.

Impalcato	Solai [daN/m²]	Balconi [daN/m²]	Scale [daN/m²]	Influenza Tramezzi [daN/m²]	Tamponature [daN/m]
Fondazione	100	100	100	100	582
Piano 1	100	100	100	100	582
Piano 2	100	100	100	100	582
Piano 3	100	100	100	100	582
Piano 4	100	100	100	0	0

- Analisi dei Carichi -

Fondazione

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Piano 1

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Scale

Tipologia scala prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m³
Mattone forato	8.0 cm	600.0 daN/m³
Camera d'aria	4.0 cm	0.0 daN/m³
Isolante termico	4.0 cm	150.0 daN/m³
Mattone forato	12.0 cm	600.0 daN/m³
Intonaco	2.0 cm	1800.0 daN/m³

Peso proprio tamponatura: 194.0 daN/m²

Piano 2

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Scale

Tipologia scala prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m³
Mattone forato	8.0 cm	600.0 daN/m³
Camera d'aria	4.0 cm	0.0 daN/m³
Isolante termico	4.0 cm	150.0 daN/m³
Mattone forato	12.0 cm	600.0 daN/m³
Intonaco	2.0 cm	1800.0 daN/m³

Peso proprio tamponatura: 194.0 daN/m²

Piano 3

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Scale

Tipologia scala prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m³
Mattone forato	8.0 cm	600.0 daN/m³
Camera d'aria	4.0 cm	0.0 daN/m³
Isolante termico	4.0 cm	150.0 daN/m³
Mattone forato	12.0 cm	600.0 daN/m³
Intonaco	2.0 cm	1800.0 daN/m³

Peso proprio tamponatura: 194.0 daN/m²

Piano 4

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

3.4.3 Carichi Variabili unitari - Q.

Le intensità assunte per i carichi variabili verticali ripartiti sono riportate nella seguente tabella:

Impalcato	Carichi d'esercizio [daN/m²]		
	Solai	Balconi	Scale
Fondazione	200	400	400
Piano 1	200	400	400
Piano 2	200	400	400
Piano 3	200	400	400
Piano 4	200	400	400

3.4.4 Pesi Impalcati.

Ai fini della valutazione dei pesi "W" a livello dei vari impalcati, si tiene conto dei carichi di tipo G1 relativi agli elementi strutturali e dei carichi di tipo G2 relativi agli elementi non strutturali sommati ai sovraccarichi d'esercizio Qk moltiplicati per una aliquota Ψ_{2i} (determinata dalla destinazione d'uso dell'opera ai vari piani

$$W_i = G1_i + G2_i + \Psi_{2i} \cdot Q_{ki}$$

Dove il pedice "i" è il piano i-esimo della struttura.

Impalcato	Destinazione	Ψ2i
Fondazione	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 1	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 2	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 3	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 4	Categoria C: Ambienti suscettibili di affollamento	0.6

Per balconi e scale verranno usati i coefficienti calcolati come i maggiori tra quelli relativi alla categoria di carico di piano ed i seguenti:

Cat.	Destinazione	Ψ2i
C2	Balconi, ballatoi e scale	0.6

Imp. Reale	G1 [daN]	G2 [daN]	$\Psi_2 \cdot Q_k$ [daN]	W (SLV-SLD) [daN]
0	1457199.02	148416.78	89050.07	1694665.88
1	372485.60	140210.71	59251.47	571947.78
2	418200.88	159224.35	70623.48	648048.70
3	359263.37	120024.94	68555.39	547843.70
4	48806.96	7305.03	10537.27	66649.25

3.4.5 Azione del Vento.

La velocità di riferimento del vento $\mathbf{v_r}$ riferita ad un generico periodo di ritorno $\mathbf{T_R}$ e all'altitudine del sito è data dall'espressione:

$$\mathbf{v_r = v_{b0} \cdot c_a \cdot c_r}$$

dove:
v_r è la velocità di riferimento del vento associata ad un periodo di ritorno di 50 anni;
c_r è un coefficiente ricavabile dall'espressione:

$$\mathbf{c_r = 0.75((1 - 0.2 \ln[- \ln(1 - 1/T_R)]))^{1/2}}$$

c_a è un coefficiente di altitudine ricavabile dall'espressione:

$$c_a = 1 + k_s\,[(a_s/a_0)-1]$$

Nel caso in esame **T_R = 50 anni**

La pressione esterna del vento è data dall'espressione: $p_e = q_b \cdot C_e \cdot C_{pe} \cdot C_d$
La pressione interna del vento è data dall'espressione: $p_i = q_b \cdot C_e \cdot C_{pi} \cdot C_d$

q_r = 60.15 daN/mq è la pressione cinetica di riferimento valutata con l'espressione:

$$q_r = 0.1 \cdot (1/2 \cdot \rho \cdot (v_r)^2) \text{ in } (daN/m^2)$$

essendo:

$v_r(T_R)$ la velocita' di riferimento del vento (in m/s);
ρ la densita' dell'aria assunta pari a 1.25 daN/m³.
Ce..... = 1.88 è il coefficiente di esposizione.
C_{pe}: è il coefficiente di forma per la valutazione della pressione esterna.
C_{pi}: è il coefficiente di forma per la valutazione della pressione interna.
Cd..... = 1.00 è il coefficiente dinamico

L'azione tangente per unità di superficie parallela alla direzione del vento é data dall'espressione: $p_f = q_b \cdot C_e \cdot C_f$
essendo:

C_f..... = 0.00 il coefficiente d'attrito

Nel caso in esame la zona selezionata è la **9**: **Isole (con l'eccezione di Sicilia e Sardegna) e mare aperto.**

Il fabbricato si trova sulla terraferma ad una distanza di **0.0 Km** dalla costa e ad un'altezza di **18.00 mt** sul livello del mare.

Il tipo di costruzione è :
Edificio a pianta rettangolare con copertura piana, a falda inclinata o curva.

La superficie della costruzione è

La classe di rugosità del terreno é la **A**: "Aree urbane in cui almeno il **15%** della superficie sia coperto da edifici la cui altezza media superi i **15 mt."**

Il coefficiente di esposizione **Ce**, funzione dell'altezza della costruzione **z = 0.00 mt** sul suolo, della rugosità,della topografia del terreno, e dell'esposizione del sito ove sorge la costruzione, e' dato dalla formula:

$$Ce(zmin) = Kr^2 \cdot Ct \cdot \ln(zmin/zo) \cdot [7 + Ct \cdot \ln(zmin/zo)]$$ valida per z < zmin.

Dove: **Kr..... = 0.170**;
zo..... = 0.010;
zmin... = 2.000;

sono assegnati in funzione della categoria di esposizione del sito dove sorge la costruzione.

Ct..... = 1.000 è il coefficiente di topografia.

I coefficienti di forma sono stati ricavati, per una costruzione di tipo **con copertura a falde**, con un angolo pari a **0°**, **avente una parete con aperture di superficie < 33% di quella totale.**

Il coefficiente di forma c_{pe} viene riferito all'esterno del corpo di fabbrica;esso è positivo per pressione esterna >0 sulla superficie esterna , negativo per depressione (per pressione esterna <0).

Il coefficiente di forma c_{pi} viene riferito all'interno del corpo di fabbrica;esso è positivo per pressione interna >0 sulla superficie interna , negativo per depressione (per pressione interna <0).

I valori delle pressioni esterna ed interna da applicare alle varie superfici sono riportati nella seguente tabella:

	C_{pe}	p_e	C_{pi}	P_i

		[daN/m²]		[daN/m²]
Parete sopra vento	0.80	90.62	0.20	22.65
Falda sopra vento	-0.40	-45.31	0.20	22.65
Falda sottovento	-0.40	-45.31	0.20	22.65
Parete sottovento	-0.40	-45.31	0.20	22.65

L'azione tangente pf parallela alla direzione del vento e' pari a 0.00 [daN/m²].

3.4.6 Carico della Neve.

Tale calcolo viene effettuato ai sensi di:
D.M. del 17 Gennaio 2018: "Norme tecniche per le costruzioni";

Il carico neve sulle coperture è valutato con la seguente espressione:

$$qs = \mu i \cdot qsk \cdot Ce \cdot Ct$$

Dove: **qs** è il carico cercato;
μi è il coefficiente di forma della copertura;
qsk è il valore di riferimento del carico neve al suolo riferito ad un periodo di ritorno di 50 anni.
Ce è il coefficiente di esposizione che viene utilizzato per modificare il carico neve in funzione delle caratteristiche dell'area in cui sorge l'opera;
Ct è il coefficiente termico;

Ce = 1.0 valido per topografia: Normale (Aree in cui non è presente una significativa rimozione di neve sulla costruzione prodotta dal vento, a causa del terreno, altre costruzioni o alberi).

Ct = 1.0

Il carico agisce in direzione verticale ed riferito alla proiezione orizzontale della superficie della copertura.

Il carico neve al suolo dipende dalle condizioni locali di clima e di esposizione considerata la variabilità delle precipitazioni nevose da zona a zona.

Per il calcolo di qsk si è fatto riferimento alla seguente espressione :

valida per:
- Zona

- quota 'as' del suolo sul livello del mare ≤ 200m .

L'altezza sul livello del mare della costruzione è di **18 mt** per cui il valore di riferimento del carico neve al suolo (qsk) è: **0.00 daN/m²**.

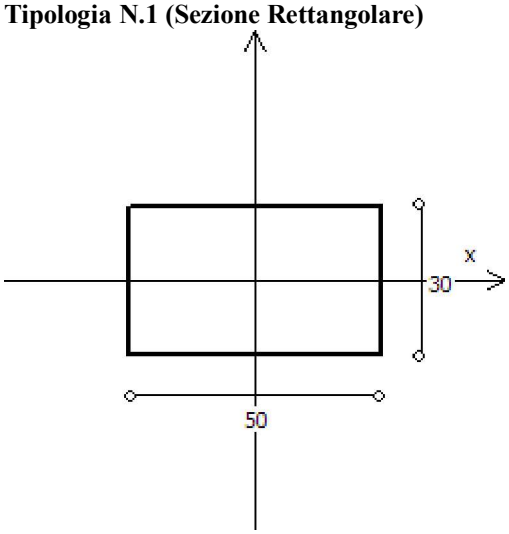
Si assume che la neve non sia impedita di scivolare.
Il tipo di copertura del fabbricato è : **Ad una falda**
con un angolo di **0** gradi sessagesimali.
Il coefficiente di forma μ1 vale **0.80**.

La condizione di carico da considerare è una, la quale deve essere utilizzata per i casi di carico con e senza vento.

μ1 · qsk · Ce · Ct = **0.00 daN/m²**

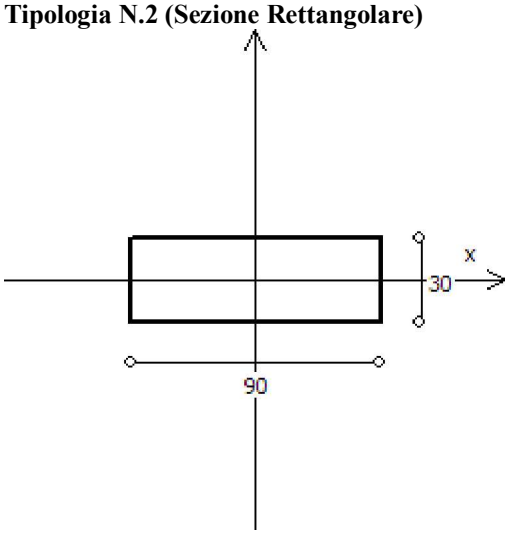
3.5 Elenco e Caratteristiche delle sezioni trasversali.

Tipologia N.1 (Sezione Rettangolare)



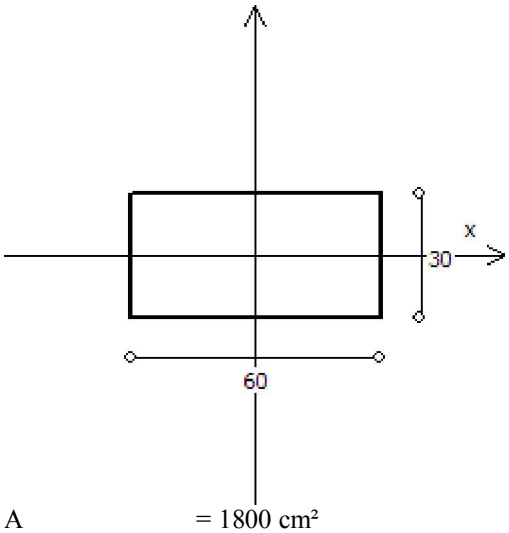
A	= 1500 cm²
Jx	= 112500 cm^4
Jy	= 312500 cm^4
Jt	= 280710 cm^4
Materiale	= Cls1
Peso	= 375 daN/m

Tipologia N.2 (Sezione Rettangolare)



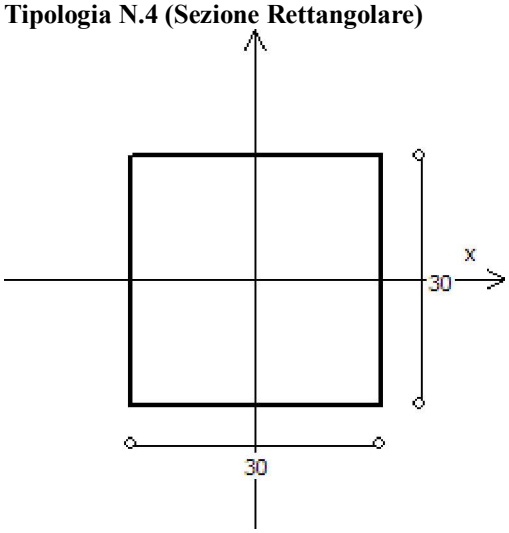
A	= 2700 cm²
Jx	= 202500 cm^4
Jy	= 1822500 cm^4
Jt	= 640710 cm^4
Materiale	= Cls1
Peso	= 675 daN/m

Tipologia N.3 (Sezione Rettangolare)



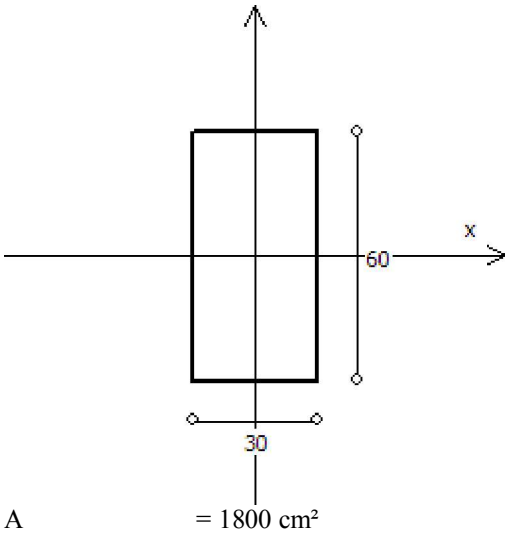
A = 1800 cm²
Jx = 135000 cm^4
Jy = 540000 cm^4
Jt = 370710 cm^4
Materiale = Cls1
Peso = 450 daN/m

Tipologia N.4 (Sezione Rettangolare)



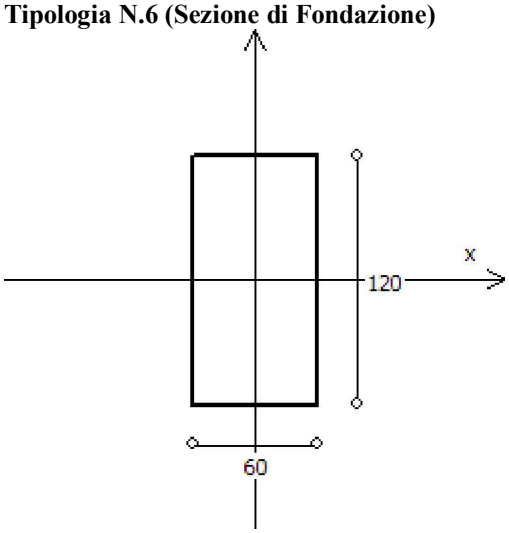
A = 900 cm²
Jx = 67500 cm^4
Jy = 67500 cm^4
Jt = 113860 cm^4
Materiale = Cls1
Peso = 225 daN/m

Tipologia N.5 (Sezione Rettangolare)



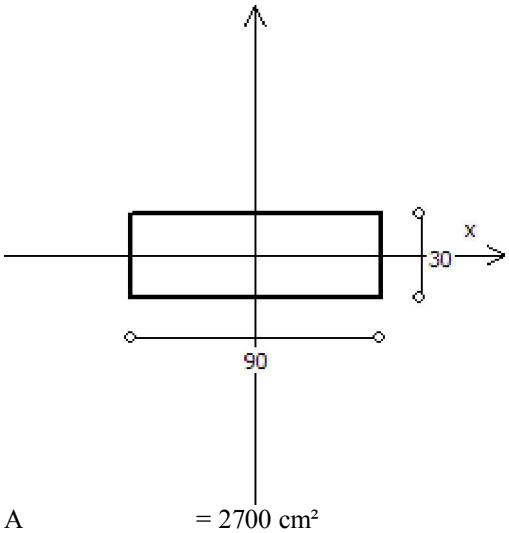
A = 1800 cm²
Jx = 540000 cm^4
Jy = 135000 cm^4
Jt = 370710 cm^4
Materiale = Cls1
Peso = 450 daN/m

Tipologia N.6 (Sezione di Fondazione)



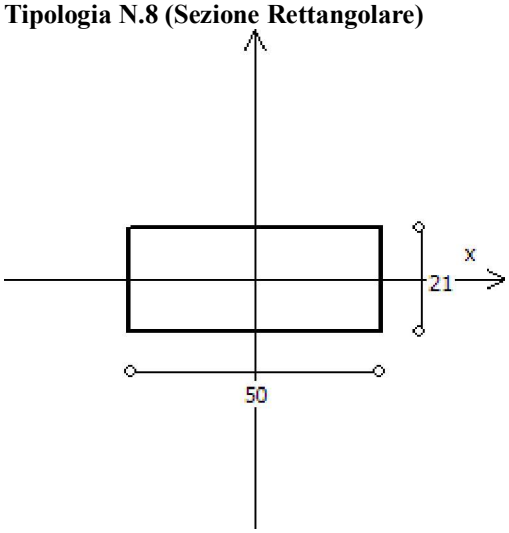
A = 7200 cm²
Jx = 8640000 cm^4
Jy = 2160000 cm^4
Jt = 5931360 cm^4
Materiale = Cls2
Peso = 1800 daN/ml

Tipologia N.7 (Sezione Rettangolare)



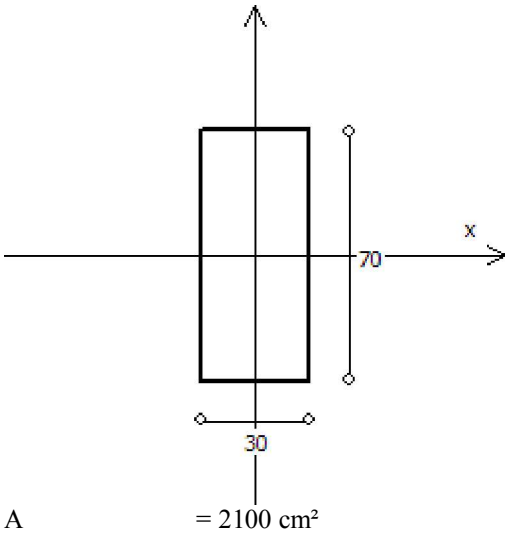
A = 2700 cm²
Jx = 202500 cm^4
Jy = 1822500 cm^4
Jt = 640710 cm^4
Materiale = Cls1
Peso = 675 daN/m

Tipologia N.8 (Sezione Rettangolare)



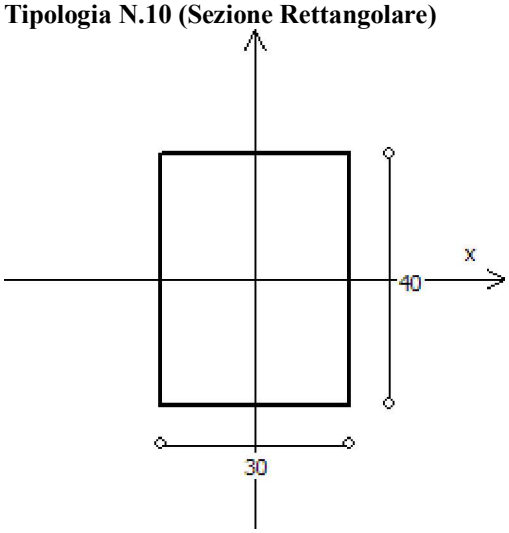
A = 1050 cm²
Jx = 38588 cm^4
Jy = 218750 cm^4
Jt = 113703 cm^4
Materiale = Cls1
Peso = 263 daN/m

Tipologia N.9 (Sezione Rettangolare)



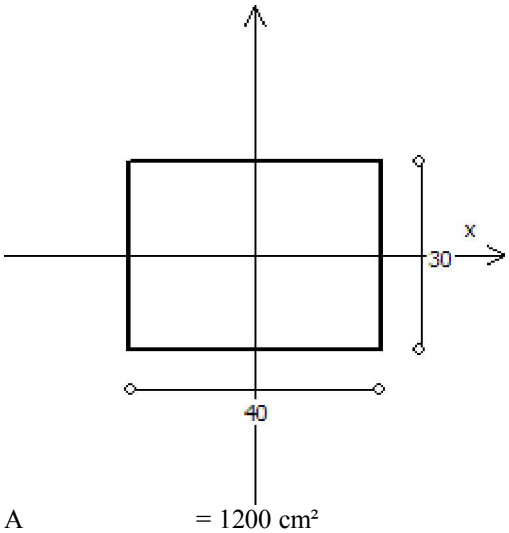
A = 2100 cm²
Jx = 857500 cm^4
Jy = 157500 cm^4
Jt = 460710 cm^4
Materiale = Cls1
Peso = 525 daN/m

Tipologia N.10 (Sezione Rettangolare)



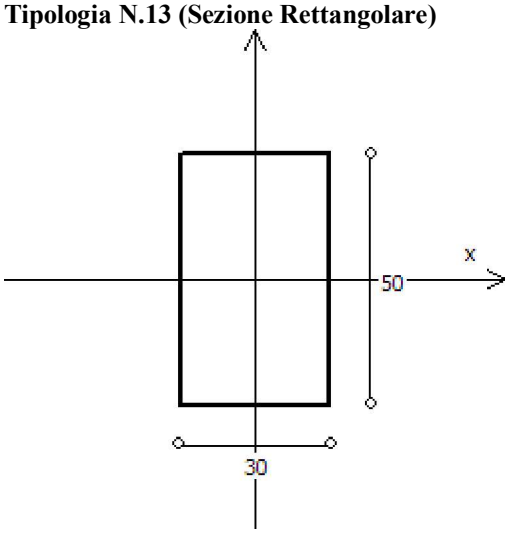
A = 1200 cm²
Jx = 160000 cm^4
Jy = 90000 cm^4
Jt = 190710 cm^4
Materiale = Cls1
Peso = 300 daN/m

Tipologia N.12 (Sezione Rettangolare)



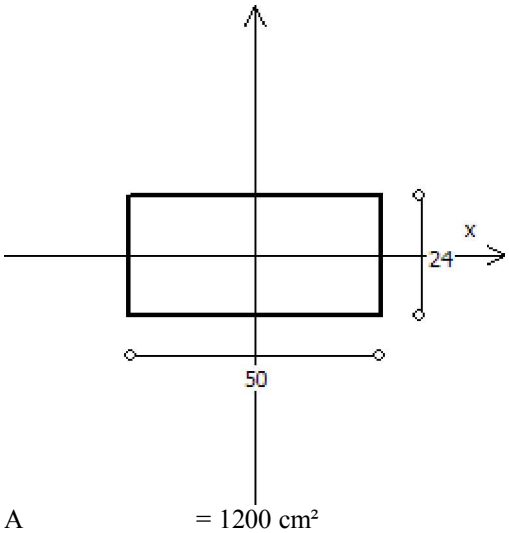
A = 1200 cm²
Jx = 90000 cm^4
Jy = 160000 cm^4
Jt = 190710 cm^4
Materiale = Cls1
Peso = 300 daN/m

Tipologia N.13 (Sezione Rettangolare)



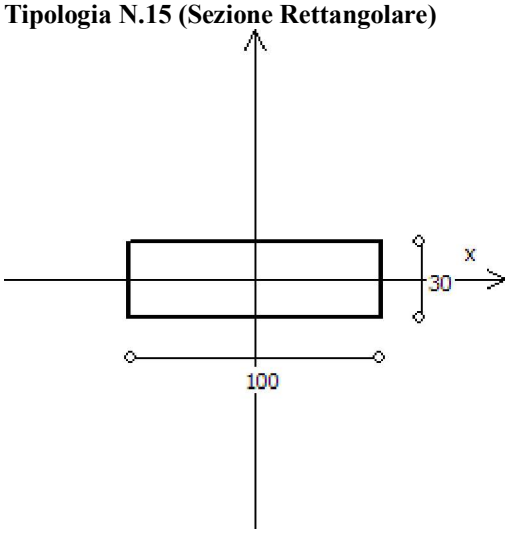
A = 1500 cm²
Jx = 312500 cm^4
Jy = 112500 cm^4
Jt = 280710 cm^4
Materiale = Cls1
Peso = 375 daN/m

Tipologia N.14 (Sezione Rettangolare)



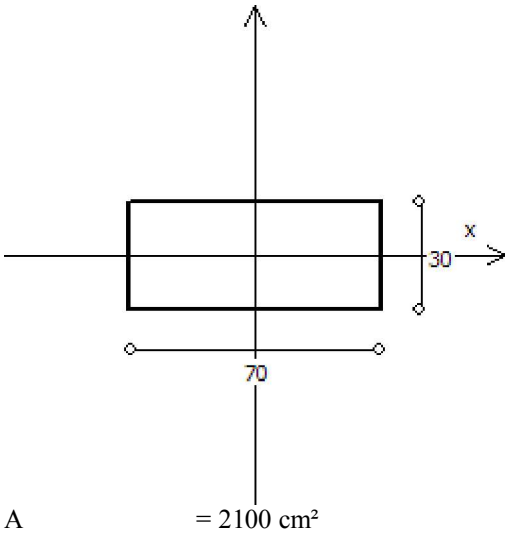
A = 1200 cm²
Jx = 57600 cm^4
Jy = 250000 cm^4
Jt = 161059 cm^4
Materiale = Cls1
Peso = 300 daN/m

Tipologia N.15 (Sezione Rettangolare)



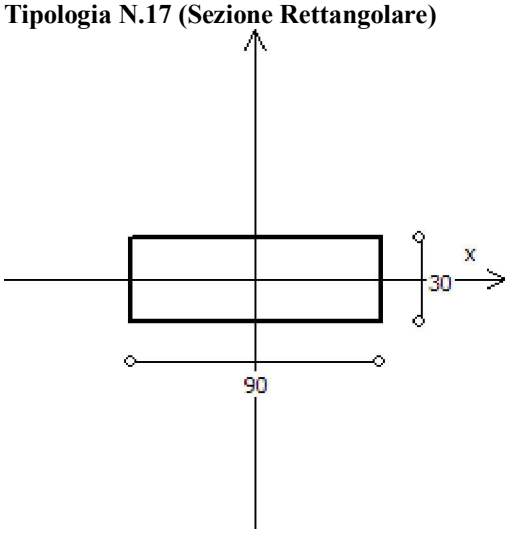
A = 3000 cm²
Jx = 225000 cm^4
Jy = 2500000 cm^4
Jt = 730710 cm^4
Materiale = Cls1
Peso = 750 daN/m

Tipologia N.16 (Sezione Rettangolare)



A = 2100 cm²
Jx = 157500 cm^4
Jy = 857500 cm^4
Jt = 460710 cm^4
Materiale = Cls1
Peso = 525 daN/m

Tipologia N.17 (Sezione Rettangolare)



A = 2700 cm²
Jx = 202500 cm^4
Jy = 1822500 cm^4
Jt = 640710 cm^4
Materiale = Cls1
Peso = 675 daN/m

3.6 Geometria Struttura.

3.6.1 Fili Fissi.

Numero : numerazione del filo fisso.
Ascissa : coordinata X del filo fisso.
Ordinata: coordinata Y del filo fisso.
Angolo : angolo del filo fisso (in gradi);
Tipo : tipo del filo fisso.

Numero	Ascissa [cm]	Ordinata [cm]	Quota [cm]	Angolo [°]	Tipo
1	0.00	0.00	0.00	0.00	8
2	530.00	0.00	0.00	0.00	8
3	965.00	0.00	0.00	0.00	9
4	1310.00	0.00	0.00	0.00	8
5	1675.00	0.00	0.00	0.00	8
6	2165.00	0.00	0.00	0.00	8
7	0.00	320.00	0.00	0.00	5
8	530.00	320.00	0.00	0.00	5
9	965.00	320.00	0.00	0.00	6
10	0.00	625.00	0.00	0.00	5
11	530.00	625.00	0.00	0.00	5
12	900.00	625.00	0.00	0.00	4
13	1310.00	625.00	0.00	0.00	5
14	1675.00	625.00	0.00	0.00	5
15	2165.00	625.00	0.00	0.00	5
16	0.00	930.00	0.00	0.00	5
17	950.00	930.00	0.00	0.00	5
18	0.00	1235.00	0.00	0.00	5
19	950.00	1235.00	0.00	0.00	5
20	1310.00	1235.00	0.00	0.00	5
21	1675.00	1235.00	0.00	0.00	5
22	2165.00	1235.00	0.00	0.00	5
23	0.00	1540.00	0.00	0.00	5
24	950.00	1540.00	0.00	0.00	5
25	0.00	1845.00	0.00	0.00	5
26	950.00	1845.00	0.00	0.00	5
27	1295.00	1845.00	0.00	0.00	4
28	1465.00	1845.00	0.00	0.00	5
29	1690.00	1845.00	0.00	0.00	6
30	1900.00	1845.00	0.00	0.00	6
31	2165.00	1845.00	0.00	0.00	5
32	1465.00	2055.00	0.00	0.00	5
33	1675.00	2055.00	0.00	0.00	5
34	0.00	2160.00	0.00	0.00	5
35	950.00	2160.00	0.00	0.00	5
36	1295.00	2265.00	0.00	0.00	4
37	1465.00	2265.00	0.00	0.00	5
38	1675.00	2265.00	0.00	0.00	5
39	0.00	2490.00	0.00	0.00	2
40	970.00	2490.00	0.00	0.00	2
41	1295.00	2490.00	0.00	0.00	1
42	1690.00	2490.00	0.00	0.00	3
43	1900.00	2490.00	0.00	0.00	3
44	2165.00	2490.00	0.00	0.00	2
45	0.00	2850.00	0.00	0.00	1
46	843.00	2850.00	0.00	0.00	2
47	1302.50	1540.00	0.00	0.00	5
48	1682.50	1540.00	0.00	0.00	5
49	750.00	2490.00	0.00	0.00	2
50	1840.00	1235.00	0.00	0.00	5

3.6.2 Caratteristiche dei nodi.

I dati seguenti riportano tutte le caratteristiche relative ai nodi che definiscono la struttura ed in modo particolare:

Nodo : numerazione interna del nodo.
Coordinate : coordinate del nodo secondo il sistema di riferimento globale cartesiano.
Imp. : impalcato di appartenenza del nodo.
Slave : nodo dipendente da un nodo MASTER definito nella tabella specifica;
Vincoli : eventuali vincoli esterni del nodo in ognuna delle 6 direzioni:
- x : direzione X rispetto al sistema di riferimento globale;
- y : direzione Y rispetto al sistema di riferimento globale;
- z : direzione Z rispetto al sistema di riferimento globale;
- Rx : rotazione attorno all'asse X del sistema di riferimento globale;

Ry : rotazione attorno all'asse Y del sistema di riferimento globale;
Rz : rotazione attorno all'asse Z del sistema di riferimento globale;

Inoltre:
np : non presenza di vincoli;
p : valore infinito della rigidezza;
Kt : valore finito delle rigidezze traslazionali da leggere nella tabella specifica;
Kr : valore finito delle rigidezze rotazionali da leggere nella tabella specifica;

Masse Nodali:
M : valore della massa traslazionale
MIx : valore del momento d'inerzia della massa attorno all'asse X
MIy : valore del momento d'inerzia della massa attorno all'asse Y
MIz : valore del momento d'inerzia della massa attorno all'asse Z

Nodo	Coordinate [cm]			Impalcato	Slave	Vincoli						Masse Nodali			
	x	y	z			x	y	z	Rx	Ry	Rz	M [daNM]	MIx [daNM*cm²]	MIy [daNM*cm²]	MIz [daNM*cm²]
1	0.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
2	530.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
3	935.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
4	1310.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
5	1675.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
6	2165.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
7	0.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
8	530.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
9	935.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
10	0.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
11	530.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
12	945.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
13	1310.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
14	1675.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
15	2165.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
16	0.0	930.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
17	950.0	930.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
18	0.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
19	950.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
20	1310.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
21	1675.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
22	2165.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
23	0.0	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
24	950.0	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
25	0.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
26	950.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
27	1325.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
28	1465.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
29	1660.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
30	1870.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
31	2165.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
32	1465.0	2055.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

33	1675.0	2055.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
34	0.0	2160.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
35	950.0	2160.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
36	1315.0	2265.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
37	1465.0	2265.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
38	1675.0	2265.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
39	0.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
40	970.0	2490.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
41	1330.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
42	1660.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
43	1870.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
44	2165.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
45	30.0	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
46	843.0	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
47	1302.5	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
48	1682.5	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
49	750.0	2490.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
50	1840.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
51	0.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
52	530.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
53	935.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
54	1310.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
55	1675.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
56	2165.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
57	0.0	320.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
58	530.0	320.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
59	935.0	320.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
60	0.0	625.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
61	530.0	625.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
62	930.0	625.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
63	1310.0	625.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
64	1675.0	625.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
65	2165.0	625.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
66	0.0	930.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
67	950.0	930.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
68	0.0	1235.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
69	950.0	1235.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
70	1310.0	1235.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
71	1675.0	1235.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
72	2165.0	1235.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
73	0.0	1540.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
74	950.0	1540.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
75	0.0	1845.	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00

		0													
76	950.0	1845.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
77	1325.0	1845.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
78	1465.0	1845.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
79	1660.0	1845.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
80	1870.0	1845.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
81	2165.0	1845.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
82	1465.0	2055.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
83	1675.0	2055.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
84	0.0	2160.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
85	950.0	2160.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
86	1315.0	2265.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
87	1465.0	2265.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
88	1675.0	2265.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
89	0.0	2475.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
90	970.0	2490.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
91	1325.0	2475.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
92	1660.0	2475.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
93	1870.0	2475.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
94	2165.0	2475.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
95	30.0	2835.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
96	843.0	2835.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
97	750.0	2490.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
98	1840.0	1235.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
99	0.0	15.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
100	530.0	15.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
101	935.0	15.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
102	1310.0	15.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
103	1675.0	15.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
104	2165.0	15.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
105	0.0	320.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
106	530.0	320.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
107	935.0	320.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
108	0.0	625.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
109	530.0	625.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
110	930.0	625.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
111	1310.0	625.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
112	1675.0	625.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
113	2165.0	625.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
114	0.0	930.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
115	950.0	930.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
116	0.0	1235.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
117	950.0	1235.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

118	1310.0	1235.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
119	1675.0	1235.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
120	2165.0	1235.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
121	0.0	1540.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
122	950.0	1540.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
123	0.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
124	950.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
125	1325.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
126	1465.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
127	1660.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
128	1870.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
129	2165.0	1845.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
130	1465.0	2055.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
131	1675.0	2055.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
132	0.0	2160.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
133	950.0	2160.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
134	1315.0	2265.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
135	1465.0	2265.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
136	1675.0	2265.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
137	0.0	2475.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
138	970.0	2490.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
139	1325.0	2475.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
140	1660.0	2475.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
141	1870.0	2475.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
142	2165.0	2475.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
143	30.0	2835.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
144	843.0	2835.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
145	750.0	2490.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
146	1840.0	1235.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
147	0.0	15.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
148	530.0	15.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
149	935.0	15.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
150	1310.0	15.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
151	1675.0	15.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
152	2165.0	15.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
153	0.0	320.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
154	530.0	320.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00

155	935.0	320.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
156	0.0	625.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
157	530.0	625.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
158	930.0	625.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
159	1310.0	625.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
160	1675.0	625.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
161	2165.0	625.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
162	0.0	930.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
163	950.0	930.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
164	0.0	1235.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
165	950.0	1235.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
166	1310.0	1235.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
167	1675.0	1235.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
168	2165.0	1235.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
169	0.0	1540.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
170	950.0	1540.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
171	0.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
172	950.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
173	1325.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
174	1465.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
175	1660.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
176	1870.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
177	2165.0	1845.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
178	1465.0	2055.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
179	1675.0	2055.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
180	0.0	2160.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
181	950.0	2160.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
182	1315.0	2265.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
183	1465.0	2265.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
184	1675.0	2265.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
185	0.0	2475.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
186	970.0	2490.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
187	1325.0	2475.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
188	1660.0	2475.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
189	1870.0	2475.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
190	2165.0	2475.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
191	750.0	2490.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00

192	1840.0	1235.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
193	1310.0	1235.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
194	1675.0	1235.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
195	1325.0	1845.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
196	1660.0	1845.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
197	1870.0	1845.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
198	1465.0	2055.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
199	1675.0	2055.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
200	1465.0	2265.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
201	1675.0	2265.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
202	1325.0	2475.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
203	1660.0	2475.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
204	1870.0	2475.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
205	1302.5	1540.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
206	1682.5	1540.0	1420.0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
207	120.3	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
208	210.7	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
209	301.0	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
210	391.3	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
211	481.7	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
212	572.0	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
213	662.3	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
214	752.7	2835.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
215	819.8	2748.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
216	796.5	2662.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
217	773.3	2576.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
218	844.3	2489.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
219	938.7	2488.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
220	1033.0	2487.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
221	1127.3	2486.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
222	1221.7	2485.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
223	1316.0	2484.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
224	1410.3	2483.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
225	1504.7	2482.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
226	1599.0	2481.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
227	1693.3	2480.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
228	1787.7	2479.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

229	1882.0	2478.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
230	1976.3	2477.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
231	2070.7	2476.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
232	2165.0	2385.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
233	2165.0	2295.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
234	2165.0	2205.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
235	2165.0	2115.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
236	2165.0	2025.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
237	2165.0	1935.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
238	2165.0	1757.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
239	2165.0	1670.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
240	2165.0	1583.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
241	2165.0	1496.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
242	2165.0	1409.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
243	2165.0	1322.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
244	2165.0	1147.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
245	2165.0	1060.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
246	2165.0	973.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
247	2165.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
248	2165.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
249	2165.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
250	2165.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
251	2165.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
252	2165.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
253	2165.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
254	2165.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
255	2165.0	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
256	2067.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
257	1969.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
258	1871.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
259	1773.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
260	1583.8	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
261	1492.5	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
262	1401.3	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
263	1216.3	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
264	1122.5	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
265	1028.8	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

266	854.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
267	773.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
268	692.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
269	611.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
270	441.7	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
271	353.3	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
272	265.0	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
273	176.7	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
274	88.3	15.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
275	1.0	112.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
276	2.1	209.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
277	3.1	306.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
278	4.1	404.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
279	5.2	501.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
280	6.2	598.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
281	7.2	695.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
282	8.3	792.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
283	9.3	890.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
284	10.3	987.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
285	11.4	1084.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
286	12.4	1181.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
287	13.4	1279.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
288	14.5	1376.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
289	15.5	1473.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
290	16.6	1570.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
291	17.6	1668.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
292	18.6	1765.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
293	19.7	1862.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
294	20.7	1959.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
295	21.7	2057.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
296	22.8	2154.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
297	23.8	2251.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
298	24.8	2348.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
299	25.9	2446.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
300	26.9	2543.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
301	27.9	2640.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
302	29.0	2737.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
303	530.0	91.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
304	530.0	167.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
305	530.0	243.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
306	935.0	91.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
307	935.0	167.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
308	935.0	243.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
309	1310.0	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
310	1310.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
311	1310.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
312	1310.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
313	1310.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
314	1310.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
315	1675.	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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316	1675.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
317	1675.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
318	1675.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
319	1675.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
320	1675.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
321	611.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
322	692.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
323	773.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
324	854.0	320.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
325	530.0	396.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
326	530.0	472.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
327	530.0	548.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
328	942.5	548.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
329	940.0	472.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
330	937.5	396.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
331	613.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
332	696.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
333	779.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
334	862.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
335	1036.3	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
336	1127.5	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
337	1218.8	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
338	946.3	701.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
339	947.5	777.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
340	948.8	853.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
341	1401.3	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
342	1492.5	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
343	1583.8	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
344	1310.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
345	1310.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
346	1310.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
347	1310.0	973.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
348	1310.0	1060.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
349	1310.0	1147.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
350	1773.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
351	1871.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
352	1969.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
353	2067.0	625.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
354	1675.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
355	1675.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
356	1675.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
357	1675.0	973.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
358	1675.0	1060.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
359	1675.0	1147.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
360	950.0	1006.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

361	950.0	1082.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
362	950.0	1158.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
363	1040.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
364	1130.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
365	1220.0	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
366	950.0	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
367	950.0	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
368	950.0	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
369	1401.3	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
370	1492.5	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
371	1583.8	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
372	1308.1	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
373	1306.3	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
374	1304.4	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
375	1757.5	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
376	1921.3	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
377	2002.5	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
378	2083.8	1235.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
379	1676.9	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
380	1678.8	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
381	1680.6	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
382	950.0	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
383	950.0	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
384	950.0	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
385	1038.1	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
386	1126.3	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
387	1214.4	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
388	1043.8	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
389	1137.5	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
390	1231.3	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
391	950.0	1923.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
392	950.0	2002.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
393	950.0	2081.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
394	1395.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
395	1323.0	1929.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
396	1321.0	2013.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
397	1319.0	2097.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

398	1317.0	2181.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
399	1308.1	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
400	1313.8	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
401	1319.4	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
402	1562.5	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
403	1730.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
404	1800.0	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
405	1665.0	1915.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
406	1670.0	1985.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
407	1676.9	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
408	1671.3	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
409	1665.6	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
410	1968.3	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
411	2066.7	1845.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
412	1870.0	1935.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
413	1870.0	2025.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
414	1870.0	2115.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
415	1870.0	2205.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
416	1870.0	2295.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
417	1870.0	2385.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
418	1535.0	2055.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
419	1605.0	2055.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
420	1465.0	2125.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
421	1465.0	2195.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
422	1675.0	2125.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
423	1675.0	2195.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
424	1390.0	2265.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
425	1320.0	2335.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
426	1325.0	2405.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
427	1535.0	2265.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
428	1605.0	2265.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
429	1670.0	2335.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
430	1665.0	2405.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
431	1412.5	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
432	1495.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
433	1577.5	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
434	1730.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

435	1800.0	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
436	1968.3	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
437	2066.7	2475.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
438	1397.5	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
439	1492.5	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
440	1587.5	1540.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
441	1401.3	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
442	1492.5	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
443	1583.8	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
444	1310.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
445	1310.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
446	1310.0	15.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
447	1675.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
448	1675.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
449	1675.0	15.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
450	1773.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
451	1871.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
452	1969.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
453	2067.0	15.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
454	2165.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
455	2165.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
456	2165.0	15.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
457	896.7	2490.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
458	823.3	2490.0	385.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
459	896.7	2490.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
460	823.3	2490.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
461	970.0	2490.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
462	970.0	2490.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
463	970.0	2490.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
464	750.0	2490.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
465	750.0	2490.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
466	750.0	2490.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
467	896.7	2490.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
468	823.3	2490.0	770.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
469	970.0	2490.0	673.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
470	970.0	2490.0	577.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
471	970.0	2490.0	481.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

472	750.0	2490.0	673.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
473	750.0	2490.0	577.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
474	750.0	2490.0	481.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
475	896.7	2490.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
476	823.3	2490.0	1120.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
477	970.0	2490.0	1032.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
478	970.0	2490.0	945.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
479	970.0	2490.0	857.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
480	750.0	2490.0	1032.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
481	750.0	2490.0	945.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
482	750.0	2490.0	857.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
483	1583.8	15.0	96.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
484	1583.8	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
485	1583.8	15.0	288.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
486	1492.5	15.0	288.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
487	1401.3	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
488	1492.5	15.0	96.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
489	1492.5	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
490	1401.3	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
491	1401.3	15.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
492	2067.0	15.0	96.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
493	2067.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
494	2067.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
495	1969.0	15.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
496	1969.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
497	1969.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
498	1871.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
499	1773.0	15.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
500	1871.0	15.0	96.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
501	1871.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
502	1773.0	15.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
503	1773.0	15.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
504	823.3	2490.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
505	896.7	2490.0	288.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
506	823.3	2490.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
507	823.3	2490.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
508	896.7	2490.0	192.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

509	896.7	2490.0	96.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
510	823.3	2490.0	673.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
511	896.7	2490.0	673.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
512	823.3	2490.0	481.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
513	823.3	2490.0	577.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
514	896.7	2490.0	577.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
515	896.7	2490.0	481.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
516	823.3	2490.0	1032.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
517	896.7	2490.0	1032.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
518	823.3	2490.0	857.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
519	823.3	2490.0	945.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
520	896.7	2490.0	945.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
521	896.7	2490.0	857.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
522	1471.9	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
523	1478.8	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
524	1485.6	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
525	1575.0	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
526	1581.2	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
527	1396.2	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
528	1396.9	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
529	1821.2	2476.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
530	1940.2	2476.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
531	1876.0	2476.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
532	940.9	2422.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
533	943.2	2356.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
534	945.5	2291.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
535	947.7	2225.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
536	1041.8	2165.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
537	1133.5	2170.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
538	1225.3	2175.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
539	1128.6	2422.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
540	1129.8	2359.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
541	1131.0	2296.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
542	1132.3	2233.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
543	1256.6	2343.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
544	1193.2	2351.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
545	1240.9	2259.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

546	93.5	602.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
547	180.8	607.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
548	268.1	611.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
549	355.4	616.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
550	442.7	620.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
551	856.9	1768.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
552	763.7	1768.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
553	670.6	1767.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
554	577.4	1767.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
555	484.3	1767.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
556	391.2	1766.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
557	298.0	1766.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
558	204.9	1766.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
559	111.5	1766.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
560	676.5	2486.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
561	597.5	2481.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
562	516.6	2476.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
563	435.1	2470.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
564	353.4	2465.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
565	271.7	2460.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
566	189.9	2455.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
567	108.1	2450.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
568	1968.3	2115.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
569	2066.7	2115.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
570	1772.5	2200.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
571	1472.5	2317.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
572	1480.0	2370.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
573	1487.5	2422.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
574	1402.5	2387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
575	1407.5	2431.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
576	1605.0	2125.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
577	1605.0	2195.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
578	1393.0	2034.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
579	1492.5	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
580	1492.5	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
581	1492.5	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
582	1399.4	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
583	1398.4	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
584	1585.6	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
585	1586.	1463.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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586	1134.7	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
587	1131.9	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
588	1129.1	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
589	1222.8	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
590	1218.6	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
591	1761.3	1546.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
592	1843.3	1554.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
593	1923.7	1561.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
594	2004.2	1569.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
595	2084.6	1576.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
596	1883.4	1774.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
597	1896.9	1703.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
598	1910.3	1632.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
599	2075.6	1739.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
600	1986.2	1721.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
601	1974.3	1803.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
602	1980.3	1762.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
603	1936.9	1792.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
604	1129.1	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
605	1128.1	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
606	1127.2	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
607	1217.2	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
608	1215.8	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
609	1773.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
610	1871.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
611	1969.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
612	2067.0	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
613	1930.8	1165.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
614	1940.3	1095.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
615	1949.9	1025.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
616	1959.4	956.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
617	1741.3	1069.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
618	1807.7	1078.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
619	1873.2	1086.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
620	1782.6	1156.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
621	1728.8	1152.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
622	1022.	921.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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623	1094.0	912.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
624	1166.0	903.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
625	1238.0	895.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
626	1122.8	1170.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
627	1116.3	1108.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
628	1108.4	1041.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
629	1101.2	977.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
630	1003.9	1090.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
631	1060.4	1098.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
632	1050.2	1166.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
633	1000.1	1162.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
634	1011.7	310.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
635	1085.0	302.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
636	1160.0	293.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
637	1235.0	285.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
638	1119.0	560.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
639	1110.5	496.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
640	1102.0	431.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
641	1093.5	367.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
642	1021.0	452.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
643	1031.2	567.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
644	1026.1	509.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
645	986.8	558.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
646	693.0	396.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
647	694.0	472.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
648	695.0	548.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
649	854.0	91.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
650	854.0	167.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
651	854.0	243.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
652	611.0	91.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
653	692.0	91.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
654	773.0	91.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
655	773.0	167.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
656	773.0	243.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
657	611.0	167.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
658	692.0	167.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
659	692.0	243.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
660	611.0	243.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
661	1401.2	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
662	1492.5	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
663	1583.7	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
664	1401.2	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
665	1492.5	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
666	1583.7	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
667	1401.	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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668	1492.5	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
669	1583.7	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
670	1401.2	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
671	1492.5	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
672	1583.7	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
673	1583.7	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
674	1583.7	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
675	1401.2	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
676	1492.5	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
677	1492.5	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
678	1401.2	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
679	1773.0	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
680	1871.0	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
681	1969.0	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
682	2067.0	102.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
683	1773.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
684	1871.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
685	1969.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
686	2067.0	189.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
687	1773.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
688	1871.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
689	1969.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
690	2067.0	276.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
691	2067.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
692	2067.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
693	2067.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
694	1773.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
695	1871.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
696	1969.0	363.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
697	1969.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
698	1969.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
699	1773.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
700	1871.0	450.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
701	1871.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
702	1773.0	537.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
703	1401.2	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
704	1492.	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	5														
705	1583.7	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
706	1401.2	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
707	1492.5	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
708	1583.7	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
709	1401.2	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
710	1492.5	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
711	1583.7	886.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
712	1401.2	973.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
713	1492.5	973.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
714	1583.7	973.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
715	1583.7	1060.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
716	1583.7	1147.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
717	1401.2	1060.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
718	1492.5	1060.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
719	1492.5	1147.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
720	1401.2	1147.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
721	1568.7	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
722	1395.6	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
723	1043.3	1925.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
724	1136.5	1926.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
725	1229.8	1927.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
726	1228.2	2010.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
727	1226.7	2093.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
728	1042.8	2005.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
729	1135.5	2007.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
730	1134.5	2089.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
731	1042.3	2085.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
732	1040.0	2229.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
733	1038.2	2293.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
734	1036.5	2358.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
735	1034.8	2422.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
736	1200.9	2418.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
737	1271.3	2413.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
738	1188.4	2302.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
739	442.5	540.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
740	355.1	532.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
741	267.6	525.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
742	180.1	517.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
743	92.6	509.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

744	442.4	462.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
745	354.7	451.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
746	267.1	439.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
747	179.4	427.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
748	91.8	415.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
749	441.8	89.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
750	441.9	163.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
751	442.0	237.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
752	442.1	311.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
753	442.2	385.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
754	354.4	373.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
755	266.6	357.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
756	178.8	340.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
757	90.9	323.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
758	353.5	85.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
759	353.7	156.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
760	354.0	226.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
761	354.2	298.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
762	266.2	281.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
763	178.2	258.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
764	90.1	234.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
765	265.3	79.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
766	265.5	143.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
767	265.8	209.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
768	177.7	186.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
769	89.4	151.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
770	186.8	69.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
771	178.3	119.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
772	91.9	85.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
773	122.3	56.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
774	856.8	1690.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
775	763.5	1687.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
776	670.3	1685.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
777	577.0	1682.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
778	483.8	1680.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
779	390.6	1677.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
780	297.3	1675.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
781	204.1	1673.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
782	110.8	1670.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
783	856.7	1611.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
784	763.3	1607.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
785	670.0	1602.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
786	576.6	1598.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
787	483.3	1593.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
788	389.9	1589.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
789	296.6	1584.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
790	203.2	1579.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
791	109.9	1575.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
792	856.6	1533.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
793	763.1	1526.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
794	669.7	1520.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
795	576.2	1513.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

796	482.8	1506.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
797	389.3	1500.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
798	295.9	1493.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
799	202.4	1486.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
800	109.0	1480.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
801	856.5	1456.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
802	763.0	1447.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
803	669.5	1438.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
804	575.9	1429.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
805	482.3	1420.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
806	388.8	1411.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
807	295.2	1403.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
808	201.6	1394.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
809	108.1	1385.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
810	861.7	700.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
811	861.5	775.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
812	861.2	851.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
813	861.0	926.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
814	860.4	1001.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
815	859.6	1077.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
816	858.9	1152.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
817	858.2	1228.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
818	857.5	1303.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
819	856.7	1379.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
820	763.4	1369.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
821	669.8	1358.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
822	576.0	1347.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
823	482.3	1336.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
824	388.5	1324.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
825	294.8	1313.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
826	201.0	1302.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
827	107.2	1290.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
828	777.4	699.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
829	775.9	773.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
830	774.4	847.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
831	772.8	921.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
832	771.2	996.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
833	769.5	1070.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
834	767.7	1144.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
835	766.0	1218.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
836	764.3	1293.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
837	670.9	1281.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

		9													
838	577.0	1268.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
839	483.0	1253.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
840	388.9	1239.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
841	294.8	1225.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
842	200.7	1210.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
843	106.6	1196.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
844	693.1	697.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
845	690.2	770.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
846	687.4	842.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
847	684.5	915.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
848	681.6	988.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
849	678.6	1060.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
850	675.7	1133.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
851	672.7	1206.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
852	579.0	1192.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
853	484.7	1174.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
854	390.1	1156.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
855	295.5	1138.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
856	200.8	1120.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
857	106.1	1102.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
858	608.6	695.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
859	604.2	765.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
860	599.7	836.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
861	595.3	906.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
862	590.9	976.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
863	586.4	1046.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
864	582.0	1118.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
865	487.7	1100.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
866	392.6	1078.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
867	297.2	1055.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
868	201.7	1033.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
869	106.1	1010.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
870	522.5	691.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
871	516.2	758.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
872	510.1	825.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
873	504.1	892.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
874	498.0	959.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
875	491.9	1028.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
876	396.7	1005.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
877	300.3	977.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
878	203.5	948.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
879	106.5	919.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
880	434.3	683.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
881	426.1	746.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
882	418.1	809.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
883	410.1	871.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
884	402.1	935.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
885	305.1	907.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
886	206.8	870.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

887	107.8	832.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
888	344.5	672.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
889	333.6	728.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
890	322.7	783.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
891	311.8	840.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
892	212.1	803.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
893	110.4	751.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
894	265.9	658.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
895	247.1	699.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
896	221.3	741.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
897	119.8	684.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
898	162.1	657.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
899	202.9	641.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
900	116.8	2739.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
901	113.3	2643.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
902	110.1	2546.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
903	204.7	2740.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
904	198.7	2645.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
905	193.4	2550.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
906	292.6	2741.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
907	284.1	2647.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
908	276.6	2554.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
909	380.4	2742.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
910	369.5	2650.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
911	359.9	2557.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
912	468.3	2743.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
913	454.9	2652.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
914	443.1	2561.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
915	731.9	2747.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
916	644.0	2746.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
917	556.2	2745.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
918	540.3	2655.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
919	526.3	2565.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
920	711.1	2660.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
921	625.7	2657.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
922	609.4	2569.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
923	692.2	2572.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
924	107.8	2353.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
925	108.3	2255.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
926	109.0	2157.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
927	109.7	2059.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
928	110.4	1961.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
929	111.0	1864.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
930	855.6	2417.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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931	769.6	2411.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
932	687.2	2404.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
933	604.9	2397.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
934	522.3	2389.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
935	439.5	2381.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
936	356.7	2374.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
937	273.7	2366.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
938	191.0	2358.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
939	192.6	2261.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
940	194.9	2162.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
941	197.4	2063.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
942	199.9	1964.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
943	202.4	1865.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
944	859.5	2346.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
945	775.7	2336.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
946	692.4	2325.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
947	609.2	2314.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
948	526.1	2303.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
949	443.0	2291.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
950	359.8	2280.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
951	276.6	2269.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
952	279.9	2171.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
953	284.2	2070.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
954	288.8	1969.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
955	293.4	1868.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
956	862.4	2275.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
957	779.3	2260.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
958	696.2	2244.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
959	613.3	2229.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
960	530.3	2213.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
961	447.4	2197.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
962	364.2	2181.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
963	369.5	2081.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
964	376.5	1977.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
965	383.7	1872.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
966	865.4	2204.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
967	783.2	2182.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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968	700.9	2160.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
969	618.7	2139.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
970	536.5	2117.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
971	454.0	2095.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
972	462.0	1990.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
973	472.8	1880.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
974	869.0	2126.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
975	788.3	2096.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
976	707.8	2066.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
977	627.3	2037.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
978	546.4	2007.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
979	558.6	1893.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
980	873.2	2037.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
981	796.8	1994.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
982	720.7	1951.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
983	643.9	1908.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
984	878.6	1958.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
985	808.8	1914.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
986	745.0	1862.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
987	800.9	1829.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
988	872.7	1832.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
989	886.5	1898.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
990	832.1	1880.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
991	1968.3	1935.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
992	2066.7	1935.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
993	2066.7	2025.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
994	1968.3	2025.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
995	2066.7	2385.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
996	1968.3	2385.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
997	2066.7	2295.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
998	1968.3	2295.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
999	1968.3	2205.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1000	2066.7	2205.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1001	1733.3	1921.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1002	1801.7	1928.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1003	1736.7	1998.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1004	1803.	2011.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

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1005	1737.9	2069.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1006	1797.6	2102.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1007	1728.5	2131.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1008	1770.3	2275.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1009	1737.6	2410.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1010	1765.6	2350.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1011	1802.5	2423.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1012	1537.3	2324.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1013	1601.6	2332.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1014	1596.1	2401.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1015	1537.3	2379.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1016	1534.1	2425.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1017	1396.2	2326.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1018	1381.7	2437.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1019	1535.0	2125.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1020	1535.0	2195.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1021	1394.0	1939.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1022	1464.1	1950.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1023	1603.2	1980.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1024	1539.5	1954.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1025	1610.2	1913.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1026	1391.0	2188.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1027	1392.0	2111.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1028	1400.3	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1029	1584.7	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1030	1039.5	1616.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1031	1040.9	1692.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1032	1042.3	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1033	1227.0	1768.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1034	2084.0	1320.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1035	2084.2	1405.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1036	2084.4	1491.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1037	2002.8	1318.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1038	2003.2	1402.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1039	2003.7	1485.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1040	1758.5	1313.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1041	1840.	1314.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	1	9													
1042	1921.5	1316.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1043	1922.2	1398.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1044	1922.9	1480.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1045	1759.9	1391.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1046	1841.1	1394.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1047	1842.2	1474.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1048	1761.1	1468.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1049	1754.4	1621.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1050	1832.4	1627.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1051	1738.2	1770.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1052	1746.4	1696.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1053	1821.6	1699.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1054	1810.8	1772.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1055	2080.1	1658.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1056	1995.2	1645.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1057	2069.8	1790.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1058	2036.9	1813.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1059	1938.0	1752.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1060	1039.5	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1061	1039.1	1387.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1062	1038.6	1463.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1063	1218.6	1311.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1064	2067.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1065	2067.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1066	1969.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1067	1969.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1068	1773.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1069	1871.0	712.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1070	1871.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1071	1773.0	799.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1072	2062.2	964.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1073	2055.5	1038.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1074	2013.4	1171.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1075	2047.8	1112.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1076	2087.4	1184.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1077	1751.6	979.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1078	1886.	1015.	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	0	5													
1079	1827.7	986.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1080	1905.5	952.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1081	1856.7	1160.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1082	1026.2	847.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1083	1030.6	774.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1084	1035.0	700.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1085	1124.7	700.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1086	1216.8	705.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1087	1106.8	844.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1088	1119.9	775.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1089	1211.6	780.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1090	1181.0	843.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1091	1243.0	845.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1092	1170.8	975.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1093	1240.4	974.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1094	1174.5	1049.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1095	1240.0	1058.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1096	1237.4	1143.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1097	1175.7	1118.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1098	1172.8	1174.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1099	1056.9	1034.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1100	1007.2	1010.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1101	1060.0	977.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1102	1015.7	237.2	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1103	1021.0	163.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1104	1026.5	90.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1105	1118.9	90.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1106	1213.9	95.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1107	1099.1	233.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1108	1113.3	165.1	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1109	1208.2	170.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1110	1176.0	233.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1111	1240.3	235.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1112	1165.7	365.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1113	1237.8	364.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1114	1170.2	439.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1115	1237.	448.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	9														
1116	1235.7	533.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1117	1172.0	507.7	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1118	1169.9	564.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1119	1015.8	381.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1120	984.3	513.4	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1121	860.0	548.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1122	777.5	548.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1123	856.0	396.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1124	858.0	472.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1125	776.0	472.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1126	774.5	396.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1127	611.5	396.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1128	612.0	472.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
1129	612.5	548.8	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

Tabella dei Nodi Master:

Nodo	**Tipo Nodo**	**Coordinate [cm]**		
		x	**y**	**z**
M1	Impalcato Rigido	1153.44	1255.50	385.00
M2	Impalcato Rigido	1060.33	1308.24	770.00
M3	Impalcato Rigido	1102.91	1275.87	1120.00
M4	Impalcato Rigido	1588.74	1932.41	1420.00

3.6.3 Caratteristiche delle aste.

La tabella seguente riporta tutte le caratteristiche relative alle aste della struttura ed in modo particolare la colonna:

Asta : numerazione dell'asta
Fili : fili fissi ai quali appartiene l'asta
NI : nodo iniziale dell'asta
NF : nodo finale dell'asta
Tipo : funzione dell'asta
Sez : sezione trasversale associata all'asta
L : lunghezza teorica (nodo-nodo) dell'asta
Imp. : impalcato di appartenenza dell'asta
KwN : modulo di Winkler normale;
KwT : modulo di Winkler tangenziale;

										Vincoli interni											
Asta	**Fili**	**NI**	**NF**	**Tipo**	**Sez**	**L [cm]**	**Imp.**	**Kwn [daN/cm³]**	**Kwt [daN/cm³]**	**Estremo In.**						**Estremo Fin.**					
										SpoX	**SpoY**	**Spo Z**	**Rot X**	**Rot Y**	**RotZ**	**SpoX**	**SpoY**	**Spo Z**	**Rot X**	**Rot Y**	**RotZ**
1	1, 2	1	274	Trave Fond.	6	88.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	1, 2	274	273	Trave Fond.	6	88.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	1, 2	273	272	Trave Fond.	6	88.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4	1, 2	272	271	Trave Fond.	6	88.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	1, 2	271	270	Trave Fond.	6	88.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6	1, 2	270	2	Trave Fond.	6	88.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	1, 7	1	7	Trave Fond.	6	305.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	2, 3	2	269	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	2, 3	269	268	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10	2, 3	268	267	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	2, 3	267	266	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12	2, 3	266	3	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	2, 8	2	303	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
14	2, 8	303	304	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	2, 8	304	305	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16	2, 8	305	8	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	3, 4	3	265	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	3, 4	265	264	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	3, 4	264	263	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

20	3, 4	263	4	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	3, 9	3	306	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
22	3, 9	306	307	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	3, 9	307	308	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	3, 9	308	9	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	4, 5	4	262	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	4, 5	262	261	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	4, 5	261	260	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28	4, 5	260	5	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	4, 13	4	309	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	4, 13	309	310	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
31	4, 13	310	311	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
32	4, 13	311	312	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
33	4, 13	312	313	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	4, 13	313	314	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	4, 13	314	13	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	5, 6	5	259	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	5, 6	259	258	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	5, 6	258	257	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	5, 6	257	256	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	5, 6	256	6	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41	5, 14	5	315	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	5, 14	315	316	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
43	5, 14	316	317	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
44	5, 14	317	318	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
45	5, 14	318	319	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
46	5, 14	319	320	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
47	5, 14	320	14	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
48	6, 15	6	255	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
49	6, 15	255	254	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	6, 15	254	253	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
51	6, 15	253	252	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
52	6, 15	252	251	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
53	6, 15	251	250	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
54	6, 15	250	15	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	7, 8	7	8	Trave Fond.	6	530.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
56	7, 10	7	10	Trave Fond.	6	305.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
57	8, 9	8	321	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
58	8, 9	321	322	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
59	8, 9	322	323	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	8, 9	323	324	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
61	8, 9	324	9	Trave Fond.	6	81.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
62	8, 11	8	325	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
63	8, 11	325	326	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
64	8, 11	326	327	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
65	8, 11	327	11	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
66	12, 9	12	328	Trave Fond.	6	76.29	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
67	12, 9	328	329	Trave Fond.	6	76.29	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
68	12, 9	329	330	Trave Fond.	6	76.29	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
69	12, 9	330	9	Trave Fond.	6	76.29	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
70	10, 11	10	11	Trave Fond.	6	530.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
71	10, 16	10	16	Trave Fond.	6	305.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
72	11, 12	11	331	Trave Fond.	6	83.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
73	11, 12	331	332	Trave Fond.	6	83.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
74	11, 12	332	333	Trave Fond.	6	83.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
75	11, 12	333	334	Trave Fond.	6	83.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
76	11, 12	334	12	Trave Fond.	6	83.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
77	12, 13	12	335	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
78	12, 13	335	336	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
79	12, 13	336	337	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	12, 13	337	13	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
81	12, 17	12	338	Trave Fond.	6	76.26	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
82	12, 17	338	339	Trave Fond.	6	76.26	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
83	12, 17	339	340	Trave Fond.	6	76.26	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
84	12, 17	340	17	Trave Fond.	6	76.26	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
85	13, 14	13	341	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
86	13, 14	341	342	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
87	13, 14	342	343	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
88	13, 14	343	14	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
89	13, 20	13	344	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
90	13, 20	344	345	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
91	13, 20	345	346	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
92	13, 20	346	347	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
93	13, 20	347	348	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
94	13, 20	348	349	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
95	13, 20	349	20	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
96	14, 15	14	350	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
97	14, 15	350	351	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
98	14, 15	351	352	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
99	14, 15	352	353	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	14, 15	353	15	Trave Fond.	6	98.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
101	14, 21	14	354	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102	14, 21	354	355	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
103	14, 21	355	356	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
104	14, 21	356	357	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
105	14, 21	357	358	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
106	14, 21	358	359	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
107	14, 21	359	21	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
108	15, 22	15	249	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
109	15, 22	249	248	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
110	15, 22	248	247	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
111	15, 22	247	246	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
112	15, 22	246	245	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
113	15, 22	245	244	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
114	15, 22	244	22	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

115	16, 17	16	17	Trave Fond.	6	950.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
116	16, 18	16	18	Trave Fond.	6	305.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
117	17, 19	17	360	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
118	17, 19	360	361	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
119	17, 19	361	362	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
120	17, 19	362	19	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
121	18, 19	18	19	Trave Fond.	6	950.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
122	18, 23	18	23	Trave Fond.	6	305.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
123	19, 20	19	363	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
124	19, 20	363	364	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
125	19, 20	364	365	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
126	19, 20	365	20	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
127	19, 24	19	366	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
128	19, 24	366	367	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
129	19, 24	367	368	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
130	19, 24	368	24	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
131	20, 21	20	369	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
132	20, 21	369	370	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
133	20, 21	370	371	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
134	20, 21	371	21	Trave Fond.	6	91.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
135	20, 47	20	372	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
136	20, 47	372	373	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
137	20, 47	373	374	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
138	20, 47	374	47	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
139	21, 22	21	375	Trave Fond.	6	82.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
140	21, 22	375	50	Trave Fond.	6	82.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
141	21, 22	50	376	Trave Fond.	6	81.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
142	21, 22	376	377	Trave Fond.	6	81.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
143	21, 22	377	378	Trave Fond.	6	81.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
144	21, 22	378	22	Trave Fond.	6	81.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
145	21, 48	21	379	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
146	21, 48	379	380	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
147	21, 48	380	381	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
148	21, 48	381	48	Trave Fond.	6	76.27	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
149	22, 31	22	243	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
150	22, 31	243	242	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
151	22, 31	242	241	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
152	22, 31	241	240	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153	22, 31	240	239	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
154	22, 31	239	238	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
155	22, 31	238	31	Trave Fond.	6	87.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
156	23, 24	23	24	Trave Fond.	6	950.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
157	23, 25	23	25	Trave Fond.	6	305.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
158	24, 26	24	382	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
159	24, 26	382	383	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
160	24, 26	383	384	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
161	24, 26	384	26	Trave Fond.	6	76.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
162	24, 47	24	385	Trave Fond.	6	88.13	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
163	24, 47	385	386	Trave Fond.	6	88.13	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
164	24, 47	386	387	Trave Fond.	6	88.13	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
165	24, 47	387	47	Trave Fond.	6	88.13	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
166	25, 26	25	26	Trave Fond.	6	950.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
167	25, 34	25	34	Trave Fond.	6	315.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
168	26, 27	26	388	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
169	26, 27	388	389	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
170	26, 27	389	390	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
171	26, 27	390	27	Trave Fond.	6	93.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
172	26, 35	26	391	Trave Fond.	6	78.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
173	26, 35	391	392	Trave Fond.	6	78.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
174	26, 35	392	393	Trave Fond.	6	78.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
175	26, 35	393	35	Trave Fond.	6	78.75	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
176	27, 28	27	394	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
177	27, 28	394	28	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
178	27, 36	27	395	Trave Fond.	6	84.02	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
179	27, 36	395	396	Trave Fond.	6	84.02	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
180	27, 36	396	397	Trave Fond.	6	84.02	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
181	27, 36	397	398	Trave Fond.	6	84.02	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
182	27, 36	398	36	Trave Fond.	6	84.02	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
183	47, 27	47	399	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
184	47, 27	399	400	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
185	47, 27	400	401	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
186	47, 27	401	27	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
187	28, 29	28	402	Trave Fond.	6	97.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
188	28, 29	402	29	Trave Fond.	6	97.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
189	29, 30	29	403	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
190	29, 30	403	404	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
191	29, 30	404	30	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
192	29, 33	29	405	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
193	29, 33	405	406	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
194	29, 33	406	33	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
195	48, 29	48	407	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
196	48, 29	407	408	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
197	48, 29	408	409	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
198	48, 29	409	29	Trave Fond.	6	76.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
199	30, 31	30	410	Trave Fond.	6	98.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
200	30, 31	410	411	Trave Fond.	6	98.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
201	30, 31	411	31	Trave Fond.	6	98.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
202	30, 43	30	412	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
203	30, 43	412	413	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
204	30, 43	413	414	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
205	30, 43	414	415	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
206	30, 43	415	416	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
207	30, 43	416	417	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
208	30, 43	417	43	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
209	31, 44	31	237	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

210	31, 44	237	236	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
211	31, 44	236	235	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
212	31, 44	235	234	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
213	31, 44	234	233	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
214	31, 44	233	232	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
215	31, 44	232	44	Trave Fond.	6	90.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
216	32, 33	32	418	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
217	32, 33	418	419	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
218	32, 33	419	33	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
219	32, 37	32	420	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
220	32, 37	420	421	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
221	32, 37	421	37	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
222	33, 38	33	422	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
223	33, 38	422	423	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
224	33, 38	423	38	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
225	34, 35	34	35	Trave Fond.	6	950.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
226	34, 39	34	39	Trave Fond.	6	315.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
227	35, 40	35	40	Trave Fond.	6	330.61	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
228	36, 37	36	424	Trave Fond.	6	75.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
229	36, 37	424	37	Trave Fond.	6	75.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
230	36, 41	36	425	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
231	36, 41	425	426	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
232	36, 41	426	41	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
233	37, 38	37	427	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
234	37, 38	427	428	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
235	37, 38	428	38	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
236	38, 42	38	429	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
237	38, 42	429	430	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
238	38, 42	430	42	Trave Fond.	6	70.18	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
239	39, 45	39	45	Trave Fond.	6	361.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
240	39, 49	39	49	Trave Fond.	6	750.15	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
241	40, 41	40	41	Trave Fond.	6	360.31	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
242	49, 40	49	460	Trave Fond.	6	73.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
243	49, 40	460	459	Trave Fond.	6	73.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
244	49, 40	459	40	Trave Fond.	6	73.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
245	41, 42	41	431	Trave Fond.	6	82.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
246	41, 42	431	432	Trave Fond.	6	82.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
247	41, 42	432	433	Trave Fond.	6	82.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
248	41, 42	433	42	Trave Fond.	6	82.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
249	42, 43	42	434	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
250	42, 43	434	435	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
251	42, 43	435	43	Trave Fond.	6	70.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
252	43, 44	43	436	Trave Fond.	6	98.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253	43, 44	436	437	Trave Fond.	6	98.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
254	43, 44	437	44	Trave Fond.	6	98.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
255	45, 46	45	207	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256	45, 46	207	208	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
257	45, 46	208	209	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
258	45, 46	209	210	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
259	45, 46	210	211	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
260	45, 46	211	212	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
261	45, 46	212	213	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
262	45, 46	213	214	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
263	45, 46	214	46	Trave Fond.	6	90.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
264	46, 49	46	215	Trave Fond.	6	89.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
265	46, 49	215	216	Trave Fond.	6	89.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
266	46, 49	216	217	Trave Fond.	6	89.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
267	46, 49	217	49	Trave Fond.	6	89.33	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
268	47, 48	47	438	Trave Fond.	6	95.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
269	47, 48	438	439	Trave Fond.	6	95.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
270	47, 48	439	440	Trave Fond.	6	95.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
271	47, 48	440	48	Trave Fond.	6	95.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
272	1, 2	51	52	Trave Elev.	5	530.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
273	1, 7	51	57	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
274	2, 3	52	53	Trave Elev.	5	405.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
275	2, 8	52	58	Trave Elev.	14	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
276	3, 4	53	54	Trave Elev.	5	375.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
277	3, 9	53	59	Trave Elev.	14	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
278	4, 5	54	441	Trave Elev.	5	91.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
279	4, 5	441	442	Trave Elev.	5	91.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
280	4, 5	442	443	Trave Elev.	5	91.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
281	4, 5	443	55	Trave Elev.	5	91.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
282	4, 13	54	63	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
283	5, 6	55	450	Trave Elev.	5	98.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
284	5, 6	450	451	Trave Elev.	5	98.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
285	5, 6	451	452	Trave Elev.	5	98.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
286	5, 6	452	453	Trave Elev.	5	98.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
287	5, 6	453	56	Trave Elev.	5	98.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
288	5, 14	55	64	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
289	6, 15	56	65	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
290	7, 8	57	58	Trave Elev.	5	530.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
291	7, 10	57	60	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
292	8, 9	58	59	Trave Elev.	5	405.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
293	8, 11	58	61	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
294	9, 12	59	62	Trave Elev.	5	305.04	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
295	10, 11	60	61	Trave Elev.	5	530.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
296	10, 16	60	66	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
297	11, 12	61	62	Trave Elev.	5	400.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
298	12, 13	62	63	Trave Elev.	14	380.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
299	12, 17	62	67	Trave Elev.	5	305.66	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
300	13, 14	63	64	Trave Elev.	5	365.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
301	13, 20	63	70	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
302	14, 15	64	65	Trave Elev.	5	490.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
303	14, 21	64	71	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
304	15, 22	65	72	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

305	16, 18	66	68	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
306	17, 19	67	69	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
307	18, 23	68	73	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
308	19, 20	69	70	Trave Elev.	14	360.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
309	19, 24	69	74	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
310	20, 21	70	71	Trave Elev.	5	365.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
311	20, 27	70	77	Trave Elev.	9	610.18	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
312	21, 29	71	79	Trave Elev.	9	610.18	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
313	21, 50	71	98	Trave Elev.	5	165.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
314	22, 31	72	81	Trave Elev.	9	610.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
315	50, 22	98	72	Trave Elev.	5	325.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
316	23, 25	73	75	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
317	24, 26	74	76	Trave Elev.	5	305.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
318	25, 34	75	84	Trave Elev.	5	315.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
319	26, 27	76	77	Trave Elev.	14	375.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
320	26, 35	76	85	Trave Elev.	5	315.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
321	28, 27	78	77	Trave Elev.	13	140.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
322	27, 36	77	86	Trave Elev.	5	420.12	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
323	29, 28	79	78	Trave Elev.	13	195.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
324	32, 28	82	78	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
325	29, 30	79	80	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
326	29, 33	79	83	Trave Elev.	5	210.54	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
327	30, 31	80	81	Trave Elev.	5	295.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
328	43, 30	93	80	Trave Elev.	9	630.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
329	31, 44	81	94	Trave Elev.	9	630.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
330	32, 33	82	83	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
331	32, 37	82	87	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
332	33, 38	83	88	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
333	34, 39	84	89	Trave Elev.	5	315.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
334	35, 40	85	90	Trave Elev.	5	330.61	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
335	37, 36	87	86	Trave Elev.	13	150.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
336	36, 41	86	91	Trave Elev.	5	210.24	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
337	37, 38	87	88	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
338	45, 39	95	89	Trave Elev.	13	361.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
339	39, 49	89	97	Trave Elev.	5	750.15	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
340	41, 40	91	90	Trave Elev.	9	355.32	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
341	46, 40	96	90	Trave Elev.	13	367.63	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
342	41, 42	91	92	Trave Elev.	5	335.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
343	42, 43	92	93	Trave Elev.	5	210.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
344	43, 44	93	94	Trave Elev.	5	295.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
345	45, 46	95	96	Trave Elev.	13	813.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
346	1	51	1	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
347	2	52	2	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
348	3	53	3	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
349	4	54	444	Pilastro	1	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
350	4	444	445	Pilastro	1	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
351	4	445	446	Pilastro	1	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
352	4	446	4	Pilastro	1	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
353	5	55	447	Pilastro	17	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
354	5	447	448	Pilastro	17	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
355	5	448	449	Pilastro	17	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
356	5	449	5	Pilastro	17	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
357	6	56	454	Pilastro	2	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
358	6	454	455	Pilastro	2	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
359	6	455	456	Pilastro	2	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
360	6	456	6	Pilastro	2	96.25	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
361	7	57	7	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
362	8	58	8	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
363	9	59	9	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
364	10	60	10	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
365	11	61	11	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
366	12	62	12	Pilastro	2	385.29	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
367	13	63	13	Pilastro	1	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
368	14	64	14	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
369	15	65	15	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
370	16	66	16	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
371	17	67	17	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
372	18	68	18	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
373	19	69	19	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
374	20	70	20	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
375	21	71	21	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
376	22	72	22	Pilastro	15	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
377	23	73	23	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
378	24	74	24	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
379	25	75	25	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
380	26	76	26	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
381	27	77	27	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
382	28	78	28	Pilastro	12	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
383	29	79	29	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
384	30	80	30	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
385	31	81	31	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
386	32	82	32	Pilastro	4	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
387	33	83	33	Pilastro	4	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
388	34	84	34	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
389	35	85	35	Pilastro	7	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
390	36	86	36	Pilastro	12	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
391	37	87	37	Pilastro	4	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
392	38	88	38	Pilastro	4	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
393	39	89	39	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
394	41	91	41	Pilastro	16	385.03	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
395	42	92	42	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
396	43	93	43	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
397	44	94	44	Pilastro	2	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
398	45	95	45	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
399	46	96	46	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

400	50	98	50	Pilastro	3	385.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
401	1, 2	99	100	Trave Elev.	5	530.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
402	1, 7	99	105	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
403	2, 3	100	101	Trave Elev.	5	405.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
404	2, 8	100	106	Trave Elev.	14	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
405	3, 4	101	102	Trave Elev.	5	375.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
406	3, 9	101	107	Trave Elev.	14	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
407	4, 5	102	103	Trave Elev.	5	365.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
408	4, 13	102	111	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
409	5, 6	103	104	Trave Elev.	5	490.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
410	5, 14	103	112	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
411	6, 15	104	113	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
412	7, 8	105	106	Trave Elev.	5	530.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
413	7, 10	105	108	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
414	8, 9	106	107	Trave Elev.	5	405.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
415	8, 11	106	109	Trave Elev.	5	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
416	9, 12	107	110	Trave Elev.	13	305.04	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
417	10, 11	108	109	Trave Elev.	5	530.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
418	10, 16	108	114	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
419	11, 12	109	110	Trave Elev.	5	400.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
420	12, 13	110	111	Trave Elev.	14	380.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
421	12, 17	110	115	Trave Elev.	13	305.66	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
422	13, 14	111	112	Trave Elev.	5	365.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
423	13, 20	111	118	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
424	14, 15	112	113	Trave Elev.	5	490.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
425	14, 21	112	119	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
426	15, 22	113	120	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
427	16, 17	114	115	Trave Elev.	9	950.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
428	16, 18	114	116	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
429	17, 19	115	117	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
430	18, 19	116	117	Trave Elev.	9	950.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
431	18, 23	116	121	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
432	19, 20	117	118	Trave Elev.	14	360.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
433	19, 24	117	122	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
434	20, 21	118	119	Trave Elev.	5	365.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
435	20, 27	118	125	Trave Elev.	9	610.18	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
436	21, 29	119	127	Trave Elev.	9	610.18	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
437	21, 50	119	146	Trave Elev.	5	165.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
438	22, 31	120	129	Trave Elev.	9	610.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
439	50, 22	146	120	Trave Elev.	5	325.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
440	23, 24	121	122	Trave Elev.	9	950.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
441	23, 25	121	123	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
442	24, 26	122	124	Trave Elev.	13	305.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
443	25, 26	123	124	Trave Elev.	9	950.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
444	25, 34	123	132	Trave Elev.	13	315.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
445	26, 27	124	125	Trave Elev.	14	375.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
446	26, 35	124	133	Trave Elev.	13	315.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
447	28, 27	126	125	Trave Elev.	13	140.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
448	27, 36	125	134	Trave Elev.	5	420.12	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
449	29, 28	127	126	Trave Elev.	13	195.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
450	32, 28	130	126	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
451	29, 30	127	128	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
452	29, 33	127	131	Trave Elev.	5	210.54	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
453	30, 31	128	129	Trave Elev.	5	295.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
454	30, 43	128	141	Trave Elev.	9	630.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
455	31, 44	129	142	Trave Elev.	9	630.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
456	32, 33	130	131	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
457	32, 37	130	135	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
458	33, 38	131	136	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
459	34, 35	132	133	Trave Elev.	9	950.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
460	34, 39	132	137	Trave Elev.	13	315.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
461	35, 40	133	138	Trave Elev.	13	330.61	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
462	37, 36	135	134	Trave Elev.	13	150.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
463	36, 41	134	139	Trave Elev.	5	210.24	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
464	37, 38	135	136	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
465	45, 39	143	137	Trave Elev.	13	361.25	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
466	39, 49	137	145	Trave Elev.	9	750.15	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
467	40, 41	138	139	Trave Elev.	9	355.32	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
468	46, 40	144	138	Trave Elev.	5	367.63	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
469	41, 42	139	140	Trave Elev.	5	335.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
470	42, 43	140	141	Trave Elev.	5	210.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
471	43, 44	141	142	Trave Elev.	5	295.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
472	45, 46	143	144	Trave Elev.	5	813.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
473	1	99	51	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
474	2	100	52	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
475	3	101	53	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
476	4	102	54	Pilastro	1	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
477	5	103	55	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
478	6	104	56	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
479	7	105	57	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
480	8	106	58	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
481	9	107	59	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
482	10	108	60	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
483	11	109	61	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
484	12	110	62	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
485	13	111	63	Pilastro	1	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
486	14	112	64	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
487	15	113	65	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
488	16	114	66	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
489	17	115	67	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
490	18	116	68	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
491	19	117	69	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
492	20	118	70	Pilastro	1	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
493	21	119	71	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
494	22	120	72	Pilastro	15	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

495	23	121	73	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
496	24	122	74	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
497	25	123	75	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
498	26	124	76	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
499	27	125	77	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
500	28	126	78	Pilastro	12	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
501	29	127	79	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
502	30	128	80	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
503	31	129	81	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
504	32	130	82	Pilastro	4	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
505	33	131	83	Pilastro	4	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
506	34	132	84	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
507	35	133	85	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
508	36	134	86	Pilastro	12	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
509	37	135	87	Pilastro	4	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
510	38	136	88	Pilastro	4	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
511	39	137	89	Pilastro	7	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
512	41	139	91	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
513	42	140	92	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
514	43	141	93	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
515	44	142	94	Pilastro	2	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
516	45	143	95	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
517	46	144	96	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
518	50	146	98	Pilastro	3	385.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
519	1, 2	147	148	Trave Elev.	5	530.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
520	1, 7	147	153	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
521	2, 3	148	149	Trave Elev.	5	405.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
522	2, 8	148	154	Trave Elev.	14	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
523	3, 4	149	150	Trave Elev.	5	375.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
524	3, 9	149	155	Trave Elev.	14	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
525	4, 5	150	151	Trave Elev.	5	365.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
526	4, 13	150	159	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
527	5, 6	151	152	Trave Elev.	5	490.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
528	5, 14	151	160	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
529	6, 15	152	161	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
530	7, 8	153	154	Trave Elev.	5	530.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
531	7, 10	153	156	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
532	8, 9	154	155	Trave Elev.	5	405.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
533	8, 11	154	157	Trave Elev.	5	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
534	9, 12	155	158	Trave Elev.	13	305.04	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
535	10, 11	156	157	Trave Elev.	5	530.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
536	10, 16	156	162	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
537	11, 12	157	158	Trave Elev.	5	400.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
538	12, 13	158	159	Trave Elev.	14	380.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
539	12, 17	158	163	Trave Elev.	13	305.66	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
540	13, 14	159	160	Trave Elev.	5	365.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
541	13, 20	159	166	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
542	14, 15	160	161	Trave Elev.	5	490.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
543	14, 21	160	167	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
544	15, 22	161	168	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
545	16, 17	162	163	Trave Elev.	9	950.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
546	16, 18	162	164	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
547	17, 19	163	165	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
548	18, 19	164	165	Trave Elev.	9	950.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
549	18, 23	164	169	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
550	19, 20	165	166	Trave Elev.	14	360.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
551	19, 24	165	170	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
552	20, 21	166	167	Trave Elev.	5	365.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
553	20, 27	166	173	Trave Elev.	9	610.18	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
554	21, 29	167	175	Trave Elev.	9	610.18	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
555	21, 50	167	192	Trave Elev.	5	165.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
556	22, 31	168	177	Trave Elev.	9	610.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
557	50, 22	192	168	Trave Elev.	5	325.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
558	23, 24	169	170	Trave Elev.	9	950.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
559	23, 25	169	171	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
560	24, 26	170	172	Trave Elev.	13	305.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
561	25, 26	171	172	Trave Elev.	9	950.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
562	25, 34	171	180	Trave Elev.	13	315.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
563	26, 27	172	173	Trave Elev.	14	375.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
564	26, 35	172	181	Trave Elev.	13	315.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
565	28, 27	174	173	Trave Elev.	13	140.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
566	27, 36	173	182	Trave Elev.	5	420.12	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
567	29, 28	175	174	Trave Elev.	13	195.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
568	32, 28	178	174	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
569	29, 30	175	176	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
570	29, 33	175	179	Trave Elev.	5	210.54	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
571	30, 31	176	177	Trave Elev.	5	295.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
572	43, 30	189	176	Trave Elev.	9	630.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
573	31, 44	177	190	Trave Elev.	9	630.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
574	32, 33	178	179	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
575	32, 37	178	183	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
576	33, 38	179	184	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
577	34, 35	180	181	Trave Elev.	9	950.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
578	34, 39	180	185	Trave Elev.	13	315.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
579	35, 40	181	186	Trave Elev.	13	330.61	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
580	37, 36	183	182	Trave Elev.	13	150.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
581	36, 41	182	187	Trave Elev.	5	210.24	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
582	37, 38	183	184	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
583	39, 49	185	191	Trave Elev.	9	750.15	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
584	40, 41	186	187	Trave Elev.	9	355.32	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
585	41, 42	187	188	Trave Elev.	5	335.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
586	42, 43	188	189	Trave Elev.	5	210.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
587	43, 44	189	190	Trave Elev.	5	295.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
588	1	147	99	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
589	2	148	100	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

590	3	149	101	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
591	4	150	102	Pilastro	1	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
592	5	151	103	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
593	6	152	104	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
594	7	153	105	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
595	8	154	106	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
596	9	155	107	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
597	10	156	108	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
598	11	157	109	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
599	12	158	110	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
600	13	159	111	Pilastro	1	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
601	14	160	112	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
602	15	161	113	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
603	16	162	114	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
604	17	163	115	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
605	18	164	116	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
606	19	165	117	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
607	20	166	118	Pilastro	1	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
608	21	167	119	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
609	22	168	120	Pilastro	15	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
610	23	169	121	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
611	24	170	122	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
612	25	171	123	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
613	26	172	124	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
614	27	173	125	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
615	28	174	126	Pilastro	12	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
616	29	175	127	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
617	30	176	128	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
618	31	177	129	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
619	32	178	130	Pilastro	4	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
620	33	179	131	Pilastro	4	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
621	34	180	132	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
622	35	181	133	Pilastro	7	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
623	36	182	134	Pilastro	12	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
624	37	183	135	Pilastro	4	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
625	38	184	136	Pilastro	4	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
626	39	185	137	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
627	41	187	139	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
628	42	188	140	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
629	43	189	141	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
630	44	190	142	Pilastro	2	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
631	50	192	146	Pilastro	3	350.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
632	20, 21	193	194	Trave Elev.	13	365.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
633	47, 20	205	193	Trave Elev.	10	305.09	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
634	48, 21	206	194	Trave Elev.	10	305.09	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
635	27, 29	195	196	Trave Elev.	5	335.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
636	27, 41	195	202	Trave Elev.	5	630.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
637	27, 47	195	205	Trave Elev.	10	305.83	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
638	29, 30	196	197	Trave Elev.	5	210.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
639	29, 33	196	199	Trave Elev.	5	210.54	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
640	29, 48	196	206	Trave Elev.	10	305.83	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
641	30, 43	197	204	Trave Elev.	5	630.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
642	32, 33	198	199	Trave Elev.	5	210.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
643	32, 37	198	200	Trave Elev.	5	210.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
644	33, 38	199	201	Trave Elev.	5	210.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
645	37, 38	200	201	Trave Elev.	5	210.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
646	38, 42	201	203	Trave Elev.	5	210.54	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
647	41, 42	202	203	Trave Elev.	5	335.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
648	42, 43	203	204	Trave Elev.	5	210.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
649	47, 48	205	206	Trave Elev.	8	380.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
650	20	193	166	Pilastro	1	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
651	21	194	167	Pilastro	1	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
652	27	195	173	Pilastro	3	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
653	29	196	175	Pilastro	3	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
654	30	197	176	Pilastro	3	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
655	32	198	178	Pilastro	4	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
656	33	199	179	Pilastro	4	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
657	37	200	183	Pilastro	4	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
658	38	201	184	Pilastro	4	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
659	41	202	187	Pilastro	3	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
660	42	203	188	Pilastro	3	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
661	43	204	189	Pilastro	3	300.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

3.6.4 Caratteristiche delle Piastre.

La tabella seguente riporta tutte le caratteristiche relative alle piastre della struttura:

Piastra : numerazione della piastra
Impalcato : impalcato al quale appartiene la piastra
Fili : fili fissi ai quali appartiene la piastra
Spess. : spessore della piastra
Tipo : tipologia della piastra (parete o platea)
Numero Elementi: numero di elementi che compongono la piastra
Nome Materiale : nome del materiale usato per progettare la piastra
KwN : modulo di Winkler normale;
KwT : modulo di Winkler tangenziale;

Piastra	Impalcato	Fili	Spess.	Tipo	Numero Elementi	Nome Materiale	Kwn [daN /cm³]	Kwt [daN /cm³]
1	Piano 1	4-5	30.00	Parete in Cls	16	Cls1	-	-
2	Piano 1	5-6	30.00	Parete in Cls	20	Cls1	-	-
3	Piano 1	40-49	30.00	Parete in Cls	12	Cls1	-	-
4	Piano 2	40-49	30.00	Parete in Cls	12	Cls1	-	-
5	Piano 3	40-49	30.00	Parete in Cls	12	Cls1	-	-
6	Fondazione	45, 46, 49, 44, 6, 1	60.00	Platea Cls	831	Cls2	5.00	2.50

3.6.5 Carichi distribuiti sugli elementi.

Nel seguente paragrafo sono riportati i carichi applicati sulle aste. Per i sovraccarichi d'esercizio è stato applicato il coefficiente α_A, definito al punto 3.1.4.1 del D.M. 17/01/2018.

Carichi Locali Aste

Asta : numero dell'asta come da paragrafo "Caratteristiche delle aste";
Imp. : impalcato al quale appartiene l'asta;
Fili : fili fissi ai quali appartiene l'asta;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DLoc : direzione dei carichi secondo il sistema di riferimento locale dell'asta;
in : valore del carico distribuito relativo al nodo iniziale come da paragrafo "Caratteristiche delle aste";
fin : valore del carico distribuito relativo al nodo finale come da paragrafo "Caratteristiche delle aste".

Asta	Imp.	Fili	C.C.	DLoc X [daN/m]		DLoc Y [daN/m]		DLoc Z [daN/m]		Mom. Torcente [daNm/m]	
				in.	fin.	in.	fin.	in.	fin.	in.	fin.
290	Piano 1	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	468.26	333.14
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	117.06	83.29
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	468.26	333.14
291	Piano 1	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	432.45	432.45
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	120.13	120.12
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	480.50	480.50
295	Piano 1	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-468.26	-333.14
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-117.06	-83.29
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-468.26	-333.14
296	Piano 1	10, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	875.02	259.24
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	243.06	72.01
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	972.25	288.05
305	Piano 1	16, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	875.02	259.24
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	243.06	72.01
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	972.25	288.05
307	Piano 1	18, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	875.02	259.24
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	243.06	72.01
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	972.25	288.05
316	Piano 1	23, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	875.02	259.24
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	243.06	72.01
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	972.25	288.05
318	Piano 1	25, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	857.52	264.67
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	238.20	73.52
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	952.79	294.07
323	Piano 1	29, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-1151.78	-156.34
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-319.94	-43.43
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-1279.76	-173.71
328	Piano 1	43, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-112.50	-112.50
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-450.00	-450.00

342	Piano 1	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-177.71	-1961.87
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-44.43	-490.47
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-177.71	-1961.87
412	Piano 2	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	468.26	333.14
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	117.06	83.29
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	468.26	333.14
417	Piano 2	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-468.26	-333.14
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-117.06	-83.29
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-468.26	-333.14
449	Piano 2	29, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-1151.78	-156.34
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-319.94	-43.43
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-1279.76	-173.71
454	Piano 2	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	450.00	450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	112.50	112.50
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	450.00	450.00
469	Piano 2	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-177.71	-1961.87
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-44.43	-490.47
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-177.71	-1961.87
566	Piano 3	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-259.20	-259.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-72.00	-72.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-288.00	-288.00
567	Piano 3	29, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-1151.78	-156.34
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-319.94	-43.43
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-1279.76	-173.71
572	Piano 3	43, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-112.50	-112.50
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-450.00	-450.00
585	Piano 3	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-177.71	-1961.87
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-44.43	-490.47
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-177.71	-1961.87
634	Piano 4	48, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	1762.46	522.36
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	489.57	145.10
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	1958.29	580.40
640	Piano 4	29, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	523.19	1759.77
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	145.33	488.82
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	581.32	1955.30

Carichi Globali Aste

Asta : numero dell'asta come da paragrafo "Caratteristiche delle aste";
Imp. : impalcato al quale appartiene l'asta;
Fili : fili fissi ai quali appartiene l'asta;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DGlob : direzione dei carichi secondo il sistema di riferimento globale dell'asta;
in : valore del carico distribuito relativo al nodo iniziale come da paragrafo "Caratteristiche delle aste";
fin : valore del carico distribuito relativo al nodo finale come da paragrafo "Caratteristiche delle aste".

Asta	Imp.	Fili	C.C.	DGlob X [daN/m]		DGlob Y [daN/m]		DGlob Z [daN/m]	
				in.	fin.	in.	fin.	in.	fin.
1	Fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
2	Fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
3	Fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
4	Fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
5	Fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
6	Fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
7	Fondazione	1, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
8	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
9	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
10	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
11	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
12	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
13	Fondazione	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
14	Fondazione	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
15	Fondazione	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
16	Fondazione	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
17	Fondazione	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
18	Fondazione	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
19	Fondazione	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
20	Fondazione	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
21	Fondazione	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
22	Fondazione	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
23	Fondazione	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
24	Fondazione	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
25	Fondazione	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
26	Fondazione	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
27	Fondazione	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
28	Fondazione	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
29	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
30	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
31	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
32	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
33	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
34	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
35	Fondazione	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
36	Fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
37	Fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
38	Fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
39	Fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
40	Fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
41	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
42	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
43	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
44	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
45	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
46	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
47	Fondazione	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
48	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
49	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
50	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
51	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
52	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
53	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
54	Fondazione	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
55	Fondazione	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
56	Fondazione	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
57	Fondazione	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
58	Fondazione	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
59	Fondazione	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
60	Fondazione	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
61	Fondazione	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
62	Fondazione	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
63	Fondazione	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
64	Fondazione	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
65	Fondazione	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
66	Fondazione	12, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
67	Fondazione	12, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
68	Fondazione	12, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
69	Fondazione	12, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
70	Fondazione	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
71	Fondazione	10, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
72	Fondazione	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
73	Fondazione	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
74	Fondazione	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
75	Fondazione	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
76	Fondazione	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
77	Fondazione	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
78	Fondazione	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
79	Fondazione	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
80	Fondazione	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
81	Fondazione	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
82	Fondazione	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
83	Fondazione	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
84	Fondazione	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
85	Fondazione	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
86	Fondazione	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
87	Fondazione	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
88	Fondazione	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
89	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
90	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
91	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
92	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
93	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
94	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
95	Fondazione	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
96	Fondazione	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
97	Fondazione	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
98	Fondazione	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
99	Fondazione	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
100	Fondazione	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
101	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
102	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
103	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
104	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
105	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
106	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
107	Fondazione	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
108	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
109	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
110	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
111	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
112	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
113	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
114	Fondazione	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
115	Fondazione	16, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
116	Fondazione	16, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
117	Fondazione	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
118	Fondazione	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
119	Fondazione	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
120	Fondazione	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
121	Fondazione	18, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
122	Fondazione	18, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
123	Fondazione	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
124	Fondazione	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
125	Fondazione	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
126	Fondazione	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
127	Fondazione	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
128	Fondazione	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
129	Fondazione	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
130	Fondazione	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
131	Fondazione	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
132	Fondazione	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
133	Fondazione	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
134	Fondazione	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
135	Fondazione	20, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
136	Fondazione	20, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
137	Fondazione	20, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
138	Fondazione	20, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
139	Fondazione	21, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
140	Fondazione	21, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
141	Fondazione	21, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
142	Fondazione	21, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
143	Fondazione	21, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
144	Fondazione	21, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
145	Fondazione	21, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
146	Fondazione	21, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
147	Fondazione	21, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
148	Fondazione	21, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
149	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
150	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
151	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
152	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
153	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
154	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
155	Fondazione	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
156	Fondazione	23, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
157	Fondazione	23, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
158	Fondazione	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
159	Fondazione	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
160	Fondazione	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
161	Fondazione	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
162	Fondazione	24, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
163	Fondazione	24, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
164	Fondazione	24, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
165	Fondazione	24, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
166	Fondazione	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
167	Fondazione	25, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
168	Fondazione	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
169	Fondazione	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
170	Fondazione	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
171	Fondazione	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
172	Fondazione	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
173	Fondazione	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
174	Fondazione	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
175	Fondazione	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
176	Fondazione	27, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
177	Fondazione	27, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
178	Fondazione	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
179	Fondazione	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
180	Fondazione	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
181	Fondazione	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
182	Fondazione	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
183	Fondazione	47, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
184	Fondazione	47, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
185	Fondazione	47, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
186	Fondazione	47, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
187	Fondazione	28, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
188	Fondazione	28, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
189	Fondazione	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
190	Fondazione	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
191	Fondazione	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
192	Fondazione	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
193	Fondazione	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
194	Fondazione	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
195	Fondazione	48, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
196	Fondazione	48, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
197	Fondazione	48, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
198	Fondazione	48, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
199	Fondazione	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
200	Fondazione	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
201	Fondazione	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
202	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
203	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
204	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
205	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
206	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
207	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
208	Fondazione	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
209	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
210	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
211	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
212	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
213	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
214	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
215	Fondazione	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
216	Fondazione	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
217	Fondazione	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
218	Fondazione	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
219	Fondazione	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
220	Fondazione	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
221	Fondazione	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
222	Fondazione	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
223	Fondazione	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
224	Fondazione	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
225	Fondazione	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
226	Fondazione	34, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
227	Fondazione	35, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
228	Fondazione	36, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
229	Fondazione	36, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
230	Fondazione	36, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
231	Fondazione	36, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
232	Fondazione	36, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
233	Fondazione	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
234	Fondazione	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
235	Fondazione	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
236	Fondazione	38, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
237	Fondazione	38, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
238	Fondazione	38, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
239	Fondazione	39, 45	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
240	Fondazione	39, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
241	Fondazione	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
242	Fondazione	49, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
243	Fondazione	49, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
244	Fondazione	49, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
245	Fondazione	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
246	Fondazione	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
247	Fondazione	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
248	Fondazione	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
249	Fondazione	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
250	Fondazione	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
251	Fondazione	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
252	Fondazione	43, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
253	Fondazione	43, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
254	Fondazione	43, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
255	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
256	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
257	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
258	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
259	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
260	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
261	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
262	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
263	Fondazione	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
264	Fondazione	46, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
265	Fondazione	46, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
266	Fondazione	46, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
267	Fondazione	46, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
268	Fondazione	47, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
269	Fondazione	47, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
270	Fondazione	47, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
271	Fondazione	47, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1800.00	-1800.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
272	Piano 1	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.20	-943.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-904.50	-904.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-274.00	-274.00
273	Piano 1	1, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-649.90	-649.90
			Vento (+X)	61.70	61.70	0.00	0.00	0.00	0.00
274	Piano 1	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-946.80	-946.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-906.50	-906.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-276.00	-276.00
275	Piano 1	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
276	Piano 1	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
277	Piano 1	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-894.00	-894.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-430.00	-430.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-430.00	-430.00
278	Piano 1	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
279	Piano 1	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
280	Piano 1	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
281	Piano 1	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
282	Piano 1	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1723.80	-1727.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-726.00	-728.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-719.87	-721.85
283	Piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
284	Piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
285	Piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
286	Piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
287	Piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
288	Piano 1	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.58	-780.58
289	Piano 1	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1071.10	-1071.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
			Vento (+X)	43.97	43.97	0.00	0.00	0.00	0.00
290	Piano 1	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1555.25	-1459.45
			Car. Perm. G2	0.00	0.00	0.00	0.00	-487.01	-463.06
			Car. Eserc.	0.00	0.00	0.00	0.00	-946.05	-850.25
291	Piano 1	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-1008.00	-1008.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-804.90	-804.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-620.00	-620.00
			Vento (+X)	61.70	61.70	0.00	0.00	0.00	0.00
292	Piano 1	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1443.60	-1443.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-612.00	-612.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-612.00	-612.00
293	Piano 1	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
294	Piano 1	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1047.60	-1047.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-392.00	-392.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-392.00	-392.00

295	Piano 1	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1062.05	-966.25
			Car. Perm. G2	0.00	0.00	0.00	0.00	-213.01	-189.06
			Car. Eserc.	0.00	0.00	0.00	0.00	-672.05	-576.25
296	Piano 1	10, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-1243.74	-882.03
			Car. Perm. G2	0.00	0.00	0.00	0.00	-870.38	-769.91
			Car. Eserc.	0.00	0.00	0.00	0.00	-881.93	-480.04
			Vento (+X)	61.70	61.70	0.00	0.00	0.00	0.00
297	Piano 1	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-946.80	-946.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-336.00	-336.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-336.00	-336.00
298	Piano 1	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
299	Piano 1	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1051.20	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-394.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-394.00	-390.00
300	Piano 1	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
301	Piano 1	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1727.40	-1723.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-728.00	-726.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-721.85	-719.87
302	Piano 1	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
303	Piano 1	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.58	-780.58
304	Piano 1	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1071.10	-1071.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
			Vento (+X)	43.97	43.97	0.00	0.00	0.00	0.00
305	Piano 1	16, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-1243.74	-882.03
			Car. Perm. G2	0.00	0.00	0.00	0.00	-870.38	-769.91
			Car. Eserc.	0.00	0.00	0.00	0.00	-881.93	-480.04
			Vento (+X)	61.70	61.70	0.00	0.00	0.00	0.00
306	Piano 1	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
307	Piano 1	18, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-1243.74	-882.03
			Car. Perm. G2	0.00	0.00	0.00	0.00	-870.38	-769.91
			Car. Eserc.	0.00	0.00	0.00	0.00	-881.93	-480.04
			Vento (+X)	61.70	61.70	0.00	0.00	0.00	0.00
308	Piano 1	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
309	Piano 1	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
310	Piano 1	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
311	Piano 1	20, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1723.80	-1723.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-726.00	-726.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-720.30	-720.30
312	Piano 1	21, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.48	-780.48
313	Piano 1	21, 50	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
314	Piano 1	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1071.10	-1071.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
			Vento (+X)	43.97	43.97	0.00	0.00	0.00	0.00
315	Piano 1	50, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
316	Piano 1	23, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-1243.74	-882.03
			Car. Perm. G2	0.00	0.00	0.00	0.00	-870.38	-769.91
			Car. Eserc.	0.00	0.00	0.00	0.00	-881.93	-480.04
			Vento (+X)	61.70	61.70	0.00	0.00	0.00	0.00

317	Piano 1	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
318	Piano 1	25, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-1235.76	-886.53
			Car. Perm. G2	0.00	0.00	0.00	0.00	-868.17	-771.16
			Car. Eserc.	0.00	0.00	0.00	0.00	-873.06	-485.03
			Vento (+X)	63.13	63.13	0.00	0.00	0.00	0.00
319	Piano 1	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
320	Piano 1	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
321	Piano 1	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1077.00	-1077.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-450.00	-450.00
322	Piano 1	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
323	Piano 1	29, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1285.65	-710.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-312.96	-153.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-1071.83	-432.78
324	Piano 1	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-240.00	-240.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
325	Piano 1	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
326	Piano 1	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-240.00	-240.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
327	Piano 1	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
328	Piano 1	43, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1575.00	-1575.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-460.00	-460.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-910.00	-910.00
329	Piano 1	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-975.00	-975.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-861.10	-861.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-250.00	-250.00
			Vento (+X)	44.57	44.57	0.00	0.00	0.00	0.00
330	Piano 1	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
331	Piano 1	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
332	Piano 1	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
333	Piano 1	34, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-649.90	-649.90
			Vento (+X)	63.13	63.13	0.00	0.00	0.00	0.00
334	Piano 1	35, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
335	Piano 1	37, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1077.00	-1077.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-450.00	-450.00
336	Piano 1	36, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
337	Piano 1	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
338	Piano 1	45, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-647.66	-647.66
			Vento (+X)	68.07	65.39	0.00	0.00	0.00	0.00
339	Piano 1	39, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
340	Piano 1	41, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-525.00	-525.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-619.15	-619.15
341	Piano 1	46, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
342	Piano 1	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-827.05	-1702.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-715.35	-934.29
			Car. Eserc.	0.00	0.00	0.00	0.00	-377.05	-1252.80
343	Piano 1	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
344	Piano 1	43, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-630.50	-630.50
345	Piano 1	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-960.50	-960.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-330.00	-330.00
346	Piano 1	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
347	Piano 1	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
348	Piano 1	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
349	Piano 1	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
350	Piano 1	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
351	Piano 1	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
352	Piano 1	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
353	Piano 1	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
354	Piano 1	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
355	Piano 1	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
356	Piano 1	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
357	Piano 1	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
358	Piano 1	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
359	Piano 1	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
360	Piano 1	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
361	Piano 1	7	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
362	Piano 1	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
363	Piano 1	9	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
364	Piano 1	10	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
365	Piano 1	11	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
366	Piano 1	12	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
367	Piano 1	13	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
368	Piano 1	14	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
369	Piano 1	15	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
370	Piano 1	16	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
371	Piano 1	17	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
372	Piano 1	18	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
373	Piano 1	19	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
374	Piano 1	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
375	Piano 1	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
376	Piano 1	22	Car. Perm. G1	0.00	0.00	0.00	0.00	-750.00	-750.00
377	Piano 1	23	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
378	Piano 1	24	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
379	Piano 1	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
380	Piano 1	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
381	Piano 1	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
382	Piano 1	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
383	Piano 1	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
384	Piano 1	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
385	Piano 1	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
386	Piano 1	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
387	Piano 1	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
388	Piano 1	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
389	Piano 1	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
390	Piano 1	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
391	Piano 1	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
392	Piano 1	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
393	Piano 1	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
394	Piano 1	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-525.00	-525.00
395	Piano 1	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
396	Piano 1	43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
397	Piano 1	44	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
398	Piano 1	45	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
399	Piano 1	46	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
400	Piano 1	50	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
401	Piano 2	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.20	-943.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-836.60	-836.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-274.00	-274.00

402	Piano 2	1, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	120.31	120.31	0.00	0.00	0.00	0.00
403	Piano 2	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-946.80	-946.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-838.60	-838.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-276.00	-276.00
404	Piano 2	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
405	Piano 2	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-562.60	-562.60
406	Piano 2	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-894.00	-894.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-430.00	-430.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-430.00	-430.00
407	Piano 2	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-562.60	-562.60
408	Piano 2	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1723.80	-1727.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-726.00	-728.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-719.87	-721.85
409	Piano 2	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-562.60	-562.60
410	Piano 2	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.58	-780.58
411	Piano 2	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1003.20	-1003.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
			Vento (+X)	84.65	84.65	0.00	0.00	0.00	0.00
412	Piano 2	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1555.25	-1459.45
			Car. Perm. G2	0.00	0.00	0.00	0.00	-487.01	-463.06
			Car. Eserc.	0.00	0.00	0.00	0.00	-946.05	-850.25
413	Piano 2	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	120.31	120.31	0.00	0.00	0.00	0.00
414	Piano 2	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.80	-1422.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-616.00	-600.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-616.00	-600.00
415	Piano 2	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
416	Piano 2	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-976.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-394.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-394.00
417	Piano 2	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1558.85	-1463.05
			Car. Perm. G2	0.00	0.00	0.00	0.00	-489.01	-465.06
			Car. Eserc.	0.00	0.00	0.00	0.00	-948.05	-852.25
418	Piano 2	10, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	120.31	120.31	0.00	0.00	0.00	0.00
419	Piano 2	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1440.00	-1440.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-610.00	-610.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-610.00	-610.00
420	Piano 2	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
421	Piano 2	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-976.20	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-394.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-394.00	-390.00
422	Piano 2	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
423	Piano 2	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1727.40	-1723.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-728.00	-726.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-721.85	-719.87
424	Piano 2	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
425	Piano 2	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.58	-780.58
426	Piano 2	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1003.20	-1003.20

			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
			Vento (+X)	84.65	84.65	0.00	0.00	0.00	0.00
427	Piano 2	16, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1522.20	-1507.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-614.00	-606.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-542.02	-534.96
428	Piano 2	16, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	120.31	120.31	0.00	0.00	0.00	0.00
429	Piano 2	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
430	Piano 2	18, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1518.60	-1518.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-612.00	-612.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-539.41	-539.41
431	Piano 2	18, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	120.31	120.31	0.00	0.00	0.00	0.00
432	Piano 2	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
433	Piano 2	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
434	Piano 2	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
435	Piano 2	20, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1723.80	-1723.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-726.00	-726.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-720.30	-720.30
436	Piano 2	21, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.48	-780.48
437	Piano 2	21, 50	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
438	Piano 2	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1003.20	-1003.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
			Vento (+X)	84.65	84.65	0.00	0.00	0.00	0.00
439	Piano 2	50, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
440	Piano 2	23, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1518.60	-1518.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-612.00	-612.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-539.41	-539.41
441	Piano 2	23, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	120.31	120.31	0.00	0.00	0.00	0.00
442	Piano 2	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
443	Piano 2	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1533.00	-1533.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-620.00	-620.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-543.08	-543.08
444	Piano 2	25, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	123.04	123.04	0.00	0.00	0.00	0.00
445	Piano 2	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
446	Piano 2	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
447	Piano 2	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1077.00	-1077.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-450.00	-450.00
448	Piano 2	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1040.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-388.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-388.00
449	Piano 2	29, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1285.65	-710.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-312.96	-153.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-1071.83	-432.78

450	Piano 2	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-240.00	-240.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
451	Piano 2	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
452	Piano 2	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-240.00	-240.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
453	Piano 2	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
454	Piano 2	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-1575.00	-1575.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-460.00	-460.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-910.00	-910.00
455	Piano 2	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-975.00	-975.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-793.20	-793.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-250.00	-250.00
			Vento (+X)	85.76	85.76	0.00	0.00	0.00	0.00
456	Piano 2	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
457	Piano 2	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
458	Piano 2	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
459	Piano 2	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1547.40	-1547.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-628.00	-628.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-546.76	-546.76
460	Piano 2	34, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-582.00	-582.00
			Vento (+X)	123.04	123.04	0.00	0.00	0.00	0.00
461	Piano 2	35, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-961.80	-943.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-386.00	-376.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-386.00	-376.00
462	Piano 2	37, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1077.00	-1077.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-450.00	-450.00
463	Piano 2	36, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1026.00	-1015.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-380.00	-374.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-380.00	-374.00
464	Piano 2	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
465	Piano 2	45, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	68.07	65.39	0.00	0.00	0.00	0.00
466	Piano 2	39, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1630.20	-1630.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-674.00	-674.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-629.67	-629.67
467	Piano 2	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-525.00	-525.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-542.72	-542.72
468	Piano 2	46, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
469	Piano 2	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-827.05	-1702.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-656.86	-875.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-377.05	-1252.80
470	Piano 2	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-562.60	-562.60
471	Piano 2	43, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-562.60	-562.60
472	Piano 2	45, 46	Car. Perm. G1	0.00	0.00	0.00	0.00	-1044.00	-1044.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
473	Piano 2	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	36.34	82.74	0.00	0.00	0.00	0.00
474	Piano 2	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
475	Piano 2	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00

476	Piano 2	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
477	Piano 2	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
478	Piano 2	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	17.20	58.48	0.00	0.00	0.00	0.00
479	Piano 2	7	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	72.69	165.48	0.00	0.00	0.00	0.00
480	Piano 2	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
481	Piano 2	9	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
482	Piano 2	10	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	72.69	165.48	0.00	0.00	0.00	0.00
483	Piano 2	11	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
484	Piano 2	12	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
485	Piano 2	13	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
486	Piano 2	14	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
487	Piano 2	15	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	34.40	116.95	0.00	0.00	0.00	0.00
488	Piano 2	16	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	72.69	165.48	0.00	0.00	0.00	0.00
489	Piano 2	17	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
490	Piano 2	18	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	72.69	165.48	0.00	0.00	0.00	0.00
491	Piano 2	19	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
492	Piano 2	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
493	Piano 2	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
494	Piano 2	22	Car. Perm. G1	0.00	0.00	0.00	0.00	-750.00	-750.00
			Vento (+X)	34.40	116.95	0.00	0.00	0.00	0.00
495	Piano 2	23	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	72.69	165.48	0.00	0.00	0.00	0.00
496	Piano 2	24	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
497	Piano 2	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	73.40	167.10	0.00	0.00	0.00	0.00
498	Piano 2	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
499	Piano 2	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
500	Piano 2	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
501	Piano 2	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
502	Piano 2	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
503	Piano 2	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	34.60	117.65	0.00	0.00	0.00	0.00
504	Piano 2	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
505	Piano 2	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
506	Piano 2	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	74.11	168.73	0.00	0.00	0.00	0.00
507	Piano 2	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
508	Piano 2	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
509	Piano 2	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
510	Piano 2	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
511	Piano 2	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	77.06	175.44	0.00	0.00	0.00	0.00
512	Piano 2	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
513	Piano 2	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
514	Piano 2	43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
515	Piano 2	44	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	17.40	59.17	0.00	0.00	0.00	0.00
516	Piano 2	45	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Vento (+X)	40.00	91.07	0.00	0.00	0.00	0.00
517	Piano 2	46	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
518	Piano 2	50	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
519	Piano 3	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.20	-943.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-334.00	-334.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-334.00	-334.00
520	Piano 3	1, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	58.61	58.61	0.00	0.00	0.00	0.00
521	Piano 3	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-946.80	-946.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-336.00	-336.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-336.00	-336.00
522	Piano 3	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
523	Piano 3	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00

			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
524	Piano 3	3, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-894.00	-894.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-430.00	-430.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-430.00	-430.00
525	Piano 3	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
526	Piano 3	4, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1723.80	-1727.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-726.00	-728.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-719.87	-721.85
527	Piano 3	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
528	Piano 3	5, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.58	-780.58
529	Piano 3	6, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-520.00	-520.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-520.00	-520.00
			Vento (+X)	40.68	40.68	0.00	0.00	0.00	0.00
530	Piano 3	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1440.00	-1440.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-610.00	-610.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-610.00	-610.00
531	Piano 3	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	58.61	58.61	0.00	0.00	0.00	0.00
532	Piano 3	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.80	-1422.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-616.00	-600.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-616.00	-600.00
533	Piano 3	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
534	Piano 3	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-976.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-394.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-394.00
535	Piano 3	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1443.60	-1443.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-612.00	-612.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-612.00	-612.00
536	Piano 3	10, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	58.61	58.61	0.00	0.00	0.00	0.00
537	Piano 3	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1440.00	-1440.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-610.00	-610.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-610.00	-610.00
538	Piano 3	12, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
539	Piano 3	12, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-976.20	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-394.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-394.00	-390.00
540	Piano 3	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
541	Piano 3	13, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1727.40	-1723.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-728.00	-726.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-721.85	-719.87
542	Piano 3	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
543	Piano 3	14, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.58	-780.58
544	Piano 3	15, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-520.00	-520.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-520.00	-520.00
			Vento (+X)	40.68	40.68	0.00	0.00	0.00	0.00
545	Piano 3	16, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1522.20	-1507.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-614.00	-606.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-542.02	-534.96
546	Piano 3	16, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	58.61	58.61	0.00	0.00	0.00	0.00
547	Piano 3	17, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
548	Piano 3	18, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1518.60	-1518.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-612.00	-612.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-539.41	-539.41
549	Piano 3	18, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	58.61	58.61	0.00	0.00	0.00	0.00
550	Piano 3	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
551	Piano 3	19, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
552	Piano 3	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
553	Piano 3	20, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1723.80	-1723.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-726.00	-726.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-720.30	-720.30
554	Piano 3	21, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1957.80	-1957.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-856.00	-856.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.48	-780.48
555	Piano 3	21, 50	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
556	Piano 3	22, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.00	-1353.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-520.00	-520.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-520.00	-520.00
			Vento (+X)	40.68	40.68	0.00	0.00	0.00	0.00
557	Piano 3	50, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
558	Piano 3	23, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-1518.60	-1518.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-612.00	-612.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-539.41	-539.41
559	Piano 3	23, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	58.61	58.61	0.00	0.00	0.00	0.00
560	Piano 3	24, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
561	Piano 3	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1533.00	-1533.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-620.00	-620.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-543.08	-543.08
562	Piano 3	25, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	59.91	59.91	0.00	0.00	0.00	0.00
563	Piano 3	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-100.00	-100.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
564	Piano 3	26, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-969.00	-969.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-390.00	-390.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
565	Piano 3	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-1077.00	-1077.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-855.60	-855.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-390.00	-390.00
566	Piano 3	27, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1476.00	-1472.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-915.47	-913.47
			Car. Eserc.	0.00	0.00	0.00	0.00	-810.00	-808.00
			Vento (+X)	44.85	126.44	0.00	0.00	0.00	0.00
567	Piano 3	29, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1285.65	-710.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-776.76	-617.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-1011.83	-372.78
568	Piano 3	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-240.00	-240.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
569	Piano 3	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-465.60	-465.60
570	Piano 3	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-240.00	-240.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
571	Piano 3	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
572	Piano 3	43, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1575.00	-1575.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-460.00	-460.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-910.00	-910.00
573	Piano 3	31, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-975.00	-975.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-310.00	-310.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-310.00	-310.00
			Vento (+X)	41.19	41.19	0.00	0.00	0.00	0.00
574	Piano 3	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
575	Piano 3	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
576	Piano 3	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
577	Piano 3	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1547.40	-1547.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-628.00	-628.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-546.76	-546.76
578	Piano 3	34, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
			Vento (+X)	59.91	59.91	0.00	0.00	0.00	0.00
579	Piano 3	35, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-961.80	-943.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-386.00	-376.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-386.00	-376.00
580	Piano 3	37, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1077.00	-1077.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-450.00	-450.00
581	Piano 3	36, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1026.00	-1015.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-785.07	-779.07
			Car. Eserc.	0.00	0.00	0.00	0.00	-320.00	-314.00
			Vento (+X)	120.19	27.59	0.00	0.00	0.00	0.00
582	Piano 3	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
583	Piano 3	39, 49	Car. Perm. G1	0.00	0.00	0.00	0.00	-1036.20	-1036.20
			Car. Perm. G2	0.00	0.00	0.00	0.00	-344.00	-344.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-344.00	-344.00
584	Piano 3	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-525.00	-525.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
585	Piano 3	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-827.05	-1702.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-559.86	-778.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-377.05	-1252.80
586	Piano 3	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-465.60	-465.60
587	Piano 3	43, 44	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
588	Piano 3	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	31.84	79.60	0.00	0.00	0.00	0.00
589	Piano 3	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
590	Piano 3	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
591	Piano 3	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
592	Piano 3	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
593	Piano 3	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	13.69	54.76	0.00	0.00	0.00	0.00
594	Piano 3	7	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	63.68	159.20	0.00	0.00	0.00	0.00
595	Piano 3	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
596	Piano 3	9	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00

597	Piano 3	10	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	63.68	159.20	0.00	0.00	0.00	0.00
598	Piano 3	11	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
599	Piano 3	12	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
600	Piano 3	13	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
601	Piano 3	14	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
602	Piano 3	15	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	27.38	109.52	0.00	0.00	0.00	0.00
603	Piano 3	16	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	63.68	159.20	0.00	0.00	0.00	0.00
604	Piano 3	17	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
605	Piano 3	18	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	63.68	159.20	0.00	0.00	0.00	0.00
606	Piano 3	19	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
607	Piano 3	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
608	Piano 3	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
609	Piano 3	22	Car. Perm. G1	0.00	0.00	0.00	0.00	-750.00	-750.00
			Vento (+X)	27.38	109.52	0.00	0.00	0.00	0.00
610	Piano 3	23	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	63.68	159.20	0.00	0.00	0.00	0.00
611	Piano 3	24	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
612	Piano 3	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	64.28	160.69	0.00	0.00	0.00	0.00
613	Piano 3	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
614	Piano 3	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
615	Piano 3	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
616	Piano 3	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
617	Piano 3	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
618	Piano 3	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	27.53	110.12	0.00	0.00	0.00	0.00
619	Piano 3	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
620	Piano 3	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
621	Piano 3	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	64.87	162.17	0.00	0.00	0.00	0.00
622	Piano 3	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
623	Piano 3	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
624	Piano 3	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
625	Piano 3	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
626	Piano 3	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	32.43	81.09	0.00	0.00	0.00	0.00
627	Piano 3	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
628	Piano 3	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
629	Piano 3	43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
630	Piano 3	44	Car. Perm. G1	0.00	0.00	0.00	0.00	-675.00	-675.00
			Vento (+X)	13.84	55.36	0.00	0.00	0.00	0.00
631	Piano 3	50	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
632	Piano 4	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
633	Piano 4	47, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-300.00	-300.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
634	Piano 4	48, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-1426.49	-913.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.91	-200.35
			Car. Eserc.	0.00	0.00	0.00	0.00	-1311.65	-741.41
635	Piano 4	27, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
636	Piano 4	27, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-903.60	-903.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-156.00	-156.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-312.00	-312.00
			Vento (+X)	95.84	69.43	0.00	0.00	0.00	0.00
637	Piano 4	27, 47	Car. Perm. G1	0.00	0.00	0.00	0.00	-854.40	-868.80
			Car. Perm. G2	0.00	0.00	0.00	0.00	-184.00	-188.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-368.00	-376.00
638	Piano 4	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
639	Piano 4	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1393.20	-1346.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-292.00	-279.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-584.00	-558.00
640	Piano 4	29, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-1468.16	-1994.43

			Car. Perm. G2	0.00	0.00	0.00	0.00	-354.49	-500.67
			Car. Eserc.	0.00	0.00	0.00	0.00	-1049.95	-1626.69
641	Piano 4	30, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-774.00	-774.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-240.00	-240.00
642	Piano 4	32, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
643	Piano 4	32, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-975.60	-975.60
			Car. Perm. G2	0.00	0.00	0.00	0.00	-176.00	-176.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-352.00	-352.00
644	Piano 4	33, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1098.00	-1098.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-210.00	-210.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-420.00	-420.00
645	Piano 4	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
646	Piano 4	38, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1353.60	-1400.40
			Car. Perm. G2	0.00	0.00	0.00	0.00	-281.00	-294.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-562.00	-588.00
647	Piano 4	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
648	Piano 4	42, 43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-30.00	-30.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
649	Piano 4	47, 48	Car. Perm. G1	0.00	0.00	0.00	0.00	-262.50	-262.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-50.00	-50.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-100.00	-100.00
650	Piano 4	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
651	Piano 4	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-375.00	-375.00
652	Piano 4	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Vento (+X)	15.57	62.26	0.00	0.00	0.00	0.00
653	Piano 4	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
654	Piano 4	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
655	Piano 4	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
656	Piano 4	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
657	Piano 4	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
658	Piano 4	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
659	Piano 4	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
			Vento (+X)	9.43	37.73	0.00	0.00	0.00	0.00
660	Piano 4	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00
661	Piano 4	43	Car. Perm. G1	0.00	0.00	0.00	0.00	-450.00	-450.00

Carichi Locali distribuiti sulle Piastre

Piastra : numero della piastra come da paragrafo "Caratteristiche delle piastre";
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DLoc : direzione dei carichi secondo il sistema di riferimento locale della piastra;

Piastra	Imp.	Fili	C.C.	DLoc X [daN/m²]	DLoc Y [daN/m²]	DLoc Z [daN/m²]
1	Fondazione	45, 46, 49, 44, 6, 1	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00

Carichi Globali distribuiti sulle Piastre

Piastra : numero della piastra come da paragrafo "Caratteristiche delle piastre";
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DGlob : direzione dei carichi secondo il sistema di riferimento globale della piastra;

Piastra	Imp.	Fili	C.C.	DGlob X [daN/m²]	DGlob Y [daN/m²]	DGlob Z [daN/m²]

1	Fondazione	45, 46, 49, 44, 6, 1	Car. Permanenti G1	0.00	0.00	-1500.00
			Car. Permanenti G2	0.00	0.00	-200.00
			Car. d'Esercizio	0.00	0.00	-200.00

Carichi Locali lineari in testa alle Pareti

Parete : numero della piastra come da paragrafo "Caratteristiche delle pareti";
Imp. : impalcato al quale appartiene la parete;
Fili : fili fissi ai quali appartiene la parete;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DLoc : direzione dei carichi secondo il sistema di riferimento locale della parete;

Parete	Imp.	Fili	C.C.	DLoc X [daN/m]		DLoc Y [daN/m]		DLoc Z [daN/m]	
				in.	fin.	in.	fin.	in.	fin.
1	Piano 1	4-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
2	Piano 1	5-6	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
3	Piano 1	40-49	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
4	Piano 2	40-49	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
5	Piano 3	40-49	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00

Carichi Locali distribuiti sulle Pareti

Parete : numero della piastra come da paragrafo "Caratteristiche delle pareti";
Imp. : impalcato al quale appartiene la parete;
Fili : fili fissi ai quali appartiene la parete;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DLoc : direzione dei carichi secondo il sistema di riferimento locale della parete;

Parete	Imp.	Fili	C.C.	DLoc X [daN/m²]	DLoc Y [daN/m²]	DLoc Z [daN/m²]
1	**Piano 1**	**4-5**	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
2	**Piano 1**	**5-6**	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
3	**Piano 1**	**40-49**	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
4	**Piano 2**	**40-49**	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
5	**Piano 3**	**40-49**	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00

Carichi Globali lineari in testa alle Pareti

Parete : numero della piastra come da paragrafo "Caratteristiche delle pareti";
Imp. : impalcato al quale appartiene la parete;
Fili : fili fissi ai quali appartiene la parete;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DGlob : direzione dei carichi secondo il sistema di riferimento globali della parete;

Parete	Imp.	Fili	C.C.	DGlob X [daN/m]		DGlob Y [daN/m]		DGlob Z [daN/m]	
				in.	fin.	in.	fin.	in.	fin.

1	Piano 1	4-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
2	Piano 1	5-6	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
3	Piano 1	40-49	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-594.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-330.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-330.00	0.00
4	Piano 2	40-49	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-1051.20	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-584.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-584.00	0.00
5	Piano 3	40-49	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-457.20	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-314.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-314.00	0.00

Carichi Globali distribuiti sulle Pareti

Parete : numero della piastra come da paragrafo "Caratteristiche delle pareti";
Imp. : impalcato al quale appartiene la parete;
Fili : fili fissi ai quali appartiene la parete;
C.C. : condizione di carico come da paragrafo "Condizioni di carico valutate";
DGlob : direzione dei carichi secondo il sistema di riferimento globale della parete;

Parete	Imp.	Fili	C.C.	DGlob X [daN/m²]	DGlob Y [daN/m²]	DGlob Z [daN/m²]
1	**Piano 1**	**4-5**	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
2	**Piano 1**	**5-6**	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
3	**Piano 1**	**40-49**	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
4	**Piano 2**	**40-49**	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
5	**Piano 3**	**40-49**	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00

3.6.6 Carichi termici sugli elementi.

Aste

Asta : numero dell'asta come da 3.5.2
Imp. : impalcato al quale appartiene l'asta
Fili : fili fissi ai quali appartiene l'asta
Δt : delta termico costante applicato all'elemento.
Δt XY : delta termico a farfalla nel piano XY applicato all'elemento.
h XY : altezza di riferimento del delta termico nel piano XY applicato all'elemento.
Δt XZ : delta termico a farfalla nel piano XZ applicato all'elemento.
h XZ : altezza di riferimento del delta termico nel piano XZ applicato all'elemento.

Asta	Imp.	Fili	Δt [°C]	Δt XY [°C]	h XY [cm]	Δt XZ [°C]	h XZ [cm]
1	Fondazione	1, 2	15.0	0.0	60.0	0.0	120.0
2	Fondazione	1, 2	15.0	0.0	60.0	0.0	120.0
3	Fondazione	1, 2	15.0	0.0	60.0	0.0	120.0
4	Fondazione	1, 2	15.0	0.0	60.0	0.0	120.0
5	Fondazione	1, 2	15.0	0.0	60.0	0.0	120.0
6	Fondazione	1, 2	15.0	0.0	60.0	0.0	120.0
7	Fondazione	1, 7	15.0	0.0	60.0	0.0	120.0
8	Fondazione	2, 3	15.0	0.0	60.0	0.0	120.0
9	Fondazione	2, 3	15.0	0.0	60.0	0.0	120.0
10	Fondazione	2, 3	15.0	0.0	60.0	0.0	120.0
11	Fondazione	2, 3	15.0	0.0	60.0	0.0	120.0

12	Fondazione	2, 3	15.0	0.0	60.0	0.0	120.0
13	Fondazione	2, 8	15.0	0.0	60.0	0.0	120.0
14	Fondazione	2, 8	15.0	0.0	60.0	0.0	120.0
15	Fondazione	2, 8	15.0	0.0	60.0	0.0	120.0
16	Fondazione	2, 8	15.0	0.0	60.0	0.0	120.0
17	Fondazione	3, 4	15.0	0.0	60.0	0.0	120.0
18	Fondazione	3, 4	15.0	0.0	60.0	0.0	120.0
19	Fondazione	3, 4	15.0	0.0	60.0	0.0	120.0
20	Fondazione	3, 4	15.0	0.0	60.0	0.0	120.0
21	Fondazione	3, 9	15.0	0.0	60.0	0.0	120.0
22	Fondazione	3, 9	15.0	0.0	60.0	0.0	120.0
23	Fondazione	3, 9	15.0	0.0	60.0	0.0	120.0
24	Fondazione	3, 9	15.0	0.0	60.0	0.0	120.0
25	Fondazione	4, 5	15.0	0.0	60.0	0.0	120.0
26	Fondazione	4, 5	15.0	0.0	60.0	0.0	120.0
27	Fondazione	4, 5	15.0	0.0	60.0	0.0	120.0
28	Fondazione	4, 5	15.0	0.0	60.0	0.0	120.0
29	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
30	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
31	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
32	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
33	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
34	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
35	Fondazione	4, 13	15.0	0.0	60.0	0.0	120.0
36	Fondazione	5, 6	15.0	0.0	60.0	0.0	120.0
37	Fondazione	5, 6	15.0	0.0	60.0	0.0	120.0
38	Fondazione	5, 6	15.0	0.0	60.0	0.0	120.0
39	Fondazione	5, 6	15.0	0.0	60.0	0.0	120.0
40	Fondazione	5, 6	15.0	0.0	60.0	0.0	120.0
41	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
42	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
43	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
44	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
45	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
46	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
47	Fondazione	5, 14	15.0	0.0	60.0	0.0	120.0
48	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
49	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
50	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
51	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
52	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
53	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
54	Fondazione	6, 15	15.0	0.0	60.0	0.0	120.0
55	Fondazione	7, 8	15.0	0.0	60.0	0.0	120.0
56	Fondazione	7, 10	15.0	0.0	60.0	0.0	120.0
57	Fondazione	8, 9	15.0	0.0	60.0	0.0	120.0
58	Fondazione	8, 9	15.0	0.0	60.0	0.0	120.0
59	Fondazione	8, 9	15.0	0.0	60.0	0.0	120.0
60	Fondazione	8, 9	15.0	0.0	60.0	0.0	120.0
61	Fondazione	8, 9	15.0	0.0	60.0	0.0	120.0
62	Fondazione	8, 11	15.0	0.0	60.0	0.0	120.0
63	Fondazione	8, 11	15.0	0.0	60.0	0.0	120.0
64	Fondazione	8, 11	15.0	0.0	60.0	0.0	120.0
65	Fondazione	8, 11	15.0	0.0	60.0	0.0	120.0
66	Fondazione	12, 9	15.0	0.0	60.0	0.0	120.0
67	Fondazione	12, 9	15.0	0.0	60.0	0.0	120.0
68	Fondazione	12, 9	15.0	0.0	60.0	0.0	120.0
69	Fondazione	12, 9	15.0	0.0	60.0	0.0	120.0
70	Fondazione	10, 11	15.0	0.0	60.0	0.0	120.0
71	Fondazione	10, 16	15.0	0.0	60.0	0.0	120.0
72	Fondazione	11, 12	15.0	0.0	60.0	0.0	120.0
73	Fondazione	11, 12	15.0	0.0	60.0	0.0	120.0
74	Fondazione	11, 12	15.0	0.0	60.0	0.0	120.0
75	Fondazione	11, 12	15.0	0.0	60.0	0.0	120.0
76	Fondazione	11, 12	15.0	0.0	60.0	0.0	120.0
77	Fondazione	12, 13	15.0	0.0	60.0	0.0	120.0
78	Fondazione	12, 13	15.0	0.0	60.0	0.0	120.0
79	Fondazione	12, 13	15.0	0.0	60.0	0.0	120.0
80	Fondazione	12, 13	15.0	0.0	60.0	0.0	120.0
81	Fondazione	12, 17	15.0	0.0	60.0	0.0	120.0
82	Fondazione	12, 17	15.0	0.0	60.0	0.0	120.0
83	Fondazione	12, 17	15.0	0.0	60.0	0.0	120.0

84	Fondazione	12, 17	15.0	0.0	60.0	0.0	120.0
85	Fondazione	13, 14	15.0	0.0	60.0	0.0	120.0
86	Fondazione	13, 14	15.0	0.0	60.0	0.0	120.0
87	Fondazione	13, 14	15.0	0.0	60.0	0.0	120.0
88	Fondazione	13, 14	15.0	0.0	60.0	0.0	120.0
89	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
90	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
91	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
92	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
93	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
94	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
95	Fondazione	13, 20	15.0	0.0	60.0	0.0	120.0
96	Fondazione	14, 15	15.0	0.0	60.0	0.0	120.0
97	Fondazione	14, 15	15.0	0.0	60.0	0.0	120.0
98	Fondazione	14, 15	15.0	0.0	60.0	0.0	120.0
99	Fondazione	14, 15	15.0	0.0	60.0	0.0	120.0
100	Fondazione	14, 15	15.0	0.0	60.0	0.0	120.0
101	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
102	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
103	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
104	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
105	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
106	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
107	Fondazione	14, 21	15.0	0.0	60.0	0.0	120.0
108	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
109	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
110	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
111	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
112	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
113	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
114	Fondazione	15, 22	15.0	0.0	60.0	0.0	120.0
115	Fondazione	16, 17	15.0	0.0	60.0	0.0	120.0
116	Fondazione	16, 18	15.0	0.0	60.0	0.0	120.0
117	Fondazione	17, 19	15.0	0.0	60.0	0.0	120.0
118	Fondazione	17, 19	15.0	0.0	60.0	0.0	120.0
119	Fondazione	17, 19	15.0	0.0	60.0	0.0	120.0
120	Fondazione	17, 19	15.0	0.0	60.0	0.0	120.0
121	Fondazione	18, 19	15.0	0.0	60.0	0.0	120.0
122	Fondazione	18, 23	15.0	0.0	60.0	0.0	120.0
123	Fondazione	19, 20	15.0	0.0	60.0	0.0	120.0
124	Fondazione	19, 20	15.0	0.0	60.0	0.0	120.0
125	Fondazione	19, 20	15.0	0.0	60.0	0.0	120.0
126	Fondazione	19, 20	15.0	0.0	60.0	0.0	120.0
127	Fondazione	19, 24	15.0	0.0	60.0	0.0	120.0
128	Fondazione	19, 24	15.0	0.0	60.0	0.0	120.0
129	Fondazione	19, 24	15.0	0.0	60.0	0.0	120.0
130	Fondazione	19, 24	15.0	0.0	60.0	0.0	120.0
131	Fondazione	20, 21	15.0	0.0	60.0	0.0	120.0
132	Fondazione	20, 21	15.0	0.0	60.0	0.0	120.0
133	Fondazione	20, 21	15.0	0.0	60.0	0.0	120.0
134	Fondazione	20, 21	15.0	0.0	60.0	0.0	120.0
135	Fondazione	20, 47	15.0	0.0	60.0	0.0	120.0
136	Fondazione	20, 47	15.0	0.0	60.0	0.0	120.0
137	Fondazione	20, 47	15.0	0.0	60.0	0.0	120.0
138	Fondazione	20, 47	15.0	0.0	60.0	0.0	120.0
139	Fondazione	21, 22	15.0	0.0	60.0	0.0	120.0
140	Fondazione	21, 22	15.0	0.0	60.0	0.0	120.0
141	Fondazione	21, 22	15.0	0.0	60.0	0.0	120.0
142	Fondazione	21, 22	15.0	0.0	60.0	0.0	120.0
143	Fondazione	21, 22	15.0	0.0	60.0	0.0	120.0
144	Fondazione	21, 22	15.0	0.0	60.0	0.0	120.0
145	Fondazione	21, 48	15.0	0.0	60.0	0.0	120.0
146	Fondazione	21, 48	15.0	0.0	60.0	0.0	120.0
147	Fondazione	21, 48	15.0	0.0	60.0	0.0	120.0
148	Fondazione	21, 48	15.0	0.0	60.0	0.0	120.0
149	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0
150	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0
151	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0
152	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0
153	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0
154	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0
155	Fondazione	22, 31	15.0	0.0	60.0	0.0	120.0

156	Fondazione	23, 24	15.0	0.0	60.0	0.0	120.0
157	Fondazione	23, 25	15.0	0.0	60.0	0.0	120.0
158	Fondazione	24, 26	15.0	0.0	60.0	0.0	120.0
159	Fondazione	24, 26	15.0	0.0	60.0	0.0	120.0
160	Fondazione	24, 26	15.0	0.0	60.0	0.0	120.0
161	Fondazione	24, 26	15.0	0.0	60.0	0.0	120.0
162	Fondazione	24, 47	15.0	0.0	60.0	0.0	120.0
163	Fondazione	24, 47	15.0	0.0	60.0	0.0	120.0
164	Fondazione	24, 47	15.0	0.0	60.0	0.0	120.0
165	Fondazione	24, 47	15.0	0.0	60.0	0.0	120.0
166	Fondazione	25, 26	15.0	0.0	60.0	0.0	120.0
167	Fondazione	25, 34	15.0	0.0	60.0	0.0	120.0
168	Fondazione	26, 27	15.0	0.0	60.0	0.0	120.0
169	Fondazione	26, 27	15.0	0.0	60.0	0.0	120.0
170	Fondazione	26, 27	15.0	0.0	60.0	0.0	120.0
171	Fondazione	26, 27	15.0	0.0	60.0	0.0	120.0
172	Fondazione	26, 35	15.0	0.0	60.0	0.0	120.0
173	Fondazione	26, 35	15.0	0.0	60.0	0.0	120.0
174	Fondazione	26, 35	15.0	0.0	60.0	0.0	120.0
175	Fondazione	26, 35	15.0	0.0	60.0	0.0	120.0
176	Fondazione	27, 28	15.0	0.0	60.0	0.0	120.0
177	Fondazione	27, 28	15.0	0.0	60.0	0.0	120.0
178	Fondazione	27, 36	15.0	0.0	60.0	0.0	120.0
179	Fondazione	27, 36	15.0	0.0	60.0	0.0	120.0
180	Fondazione	27, 36	15.0	0.0	60.0	0.0	120.0
181	Fondazione	27, 36	15.0	0.0	60.0	0.0	120.0
182	Fondazione	27, 36	15.0	0.0	60.0	0.0	120.0
183	Fondazione	47, 27	15.0	0.0	60.0	0.0	120.0
184	Fondazione	47, 27	15.0	0.0	60.0	0.0	120.0
185	Fondazione	47, 27	15.0	0.0	60.0	0.0	120.0
186	Fondazione	47, 27	15.0	0.0	60.0	0.0	120.0
187	Fondazione	28, 29	15.0	0.0	60.0	0.0	120.0
188	Fondazione	28, 29	15.0	0.0	60.0	0.0	120.0
189	Fondazione	29, 30	15.0	0.0	60.0	0.0	120.0
190	Fondazione	29, 30	15.0	0.0	60.0	0.0	120.0
191	Fondazione	29, 30	15.0	0.0	60.0	0.0	120.0
192	Fondazione	29, 33	15.0	0.0	60.0	0.0	120.0
193	Fondazione	29, 33	15.0	0.0	60.0	0.0	120.0
194	Fondazione	29, 33	15.0	0.0	60.0	0.0	120.0
195	Fondazione	48, 29	15.0	0.0	60.0	0.0	120.0
196	Fondazione	48, 29	15.0	0.0	60.0	0.0	120.0
197	Fondazione	48, 29	15.0	0.0	60.0	0.0	120.0
198	Fondazione	48, 29	15.0	0.0	60.0	0.0	120.0
199	Fondazione	30, 31	15.0	0.0	60.0	0.0	120.0
200	Fondazione	30, 31	15.0	0.0	60.0	0.0	120.0
201	Fondazione	30, 31	15.0	0.0	60.0	0.0	120.0
202	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
203	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
204	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
205	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
206	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
207	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
208	Fondazione	30, 43	15.0	0.0	60.0	0.0	120.0
209	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
210	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
211	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
212	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
213	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
214	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
215	Fondazione	31, 44	15.0	0.0	60.0	0.0	120.0
216	Fondazione	32, 33	15.0	0.0	60.0	0.0	120.0
217	Fondazione	32, 33	15.0	0.0	60.0	0.0	120.0
218	Fondazione	32, 33	15.0	0.0	60.0	0.0	120.0
219	Fondazione	32, 37	15.0	0.0	60.0	0.0	120.0
220	Fondazione	32, 37	15.0	0.0	60.0	0.0	120.0
221	Fondazione	32, 37	15.0	0.0	60.0	0.0	120.0
222	Fondazione	33, 38	15.0	0.0	60.0	0.0	120.0
223	Fondazione	33, 38	15.0	0.0	60.0	0.0	120.0
224	Fondazione	33, 38	15.0	0.0	60.0	0.0	120.0
225	Fondazione	34, 35	15.0	0.0	60.0	0.0	120.0
226	Fondazione	34, 39	15.0	0.0	60.0	0.0	120.0
227	Fondazione	35, 40	15.0	0.0	60.0	0.0	120.0

228	Fondazione	36, 37	15.0	0.0	60.0	0.0	120.0
229	Fondazione	36, 37	15.0	0.0	60.0	0.0	120.0
230	Fondazione	36, 41	15.0	0.0	60.0	0.0	120.0
231	Fondazione	36, 41	15.0	0.0	60.0	0.0	120.0
232	Fondazione	36, 41	15.0	0.0	60.0	0.0	120.0
233	Fondazione	37, 38	15.0	0.0	60.0	0.0	120.0
234	Fondazione	37, 38	15.0	0.0	60.0	0.0	120.0
235	Fondazione	37, 38	15.0	0.0	60.0	0.0	120.0
236	Fondazione	38, 42	15.0	0.0	60.0	0.0	120.0
237	Fondazione	38, 42	15.0	0.0	60.0	0.0	120.0
238	Fondazione	38, 42	15.0	0.0	60.0	0.0	120.0
239	Fondazione	39, 45	15.0	0.0	60.0	0.0	120.0
240	Fondazione	39, 49	15.0	0.0	60.0	0.0	120.0
241	Fondazione	40, 41	15.0	0.0	60.0	0.0	120.0
242	Fondazione	49, 40	15.0	0.0	60.0	0.0	120.0
243	Fondazione	49, 40	15.0	0.0	60.0	0.0	120.0
244	Fondazione	49, 40	15.0	0.0	60.0	0.0	120.0
245	Fondazione	41, 42	15.0	0.0	60.0	0.0	120.0
246	Fondazione	41, 42	15.0	0.0	60.0	0.0	120.0
247	Fondazione	41, 42	15.0	0.0	60.0	0.0	120.0
248	Fondazione	41, 42	15.0	0.0	60.0	0.0	120.0
249	Fondazione	42, 43	15.0	0.0	60.0	0.0	120.0
250	Fondazione	42, 43	15.0	0.0	60.0	0.0	120.0
251	Fondazione	42, 43	15.0	0.0	60.0	0.0	120.0
252	Fondazione	43, 44	15.0	0.0	60.0	0.0	120.0
253	Fondazione	43, 44	15.0	0.0	60.0	0.0	120.0
254	Fondazione	43, 44	15.0	0.0	60.0	0.0	120.0
255	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
256	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
257	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
258	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
259	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
260	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
261	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
262	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
263	Fondazione	45, 46	15.0	0.0	60.0	0.0	120.0
264	Fondazione	46, 49	15.0	0.0	60.0	0.0	120.0
265	Fondazione	46, 49	15.0	0.0	60.0	0.0	120.0
266	Fondazione	46, 49	15.0	0.0	60.0	0.0	120.0
267	Fondazione	46, 49	15.0	0.0	60.0	0.0	120.0
268	Fondazione	47, 48	15.0	0.0	60.0	0.0	120.0
269	Fondazione	47, 48	15.0	0.0	60.0	0.0	120.0
270	Fondazione	47, 48	15.0	0.0	60.0	0.0	120.0
271	Fondazione	47, 48	15.0	0.0	60.0	0.0	120.0
272	Piano 1	1, 2	15.0	0.0	30.0	0.0	60.0
273	Piano 1	1, 7	15.0	0.0	30.0	0.0	60.0
274	Piano 1	2, 3	15.0	0.0	30.0	0.0	60.0
275	Piano 1	2, 8	15.0	0.0	50.0	0.0	24.0
276	Piano 1	3, 4	15.0	0.0	30.0	0.0	60.0
277	Piano 1	3, 9	15.0	0.0	50.0	0.0	24.0
278	Piano 1	4, 5	15.0	0.0	30.0	0.0	60.0
279	Piano 1	4, 5	15.0	0.0	30.0	0.0	60.0
280	Piano 1	4, 5	15.0	0.0	30.0	0.0	60.0
281	Piano 1	4, 5	15.0	0.0	30.0	0.0	60.0
282	Piano 1	4, 13	15.0	0.0	30.0	0.0	70.0
283	Piano 1	5, 6	15.0	0.0	30.0	0.0	60.0
284	Piano 1	5, 6	15.0	0.0	30.0	0.0	60.0
285	Piano 1	5, 6	15.0	0.0	30.0	0.0	60.0
286	Piano 1	5, 6	15.0	0.0	30.0	0.0	60.0
287	Piano 1	5, 6	15.0	0.0	30.0	0.0	60.0
288	Piano 1	5, 14	15.0	0.0	30.0	0.0	70.0
289	Piano 1	6, 15	15.0	0.0	30.0	0.0	70.0
290	Piano 1	7, 8	15.0	0.0	30.0	0.0	60.0
291	Piano 1	7, 10	15.0	0.0	30.0	0.0	60.0
292	Piano 1	8, 9	15.0	0.0	30.0	0.0	60.0
293	Piano 1	8, 11	15.0	0.0	30.0	0.0	60.0
294	Piano 1	9, 12	15.0	0.0	30.0	0.0	60.0
295	Piano 1	10, 11	15.0	0.0	30.0	0.0	60.0
296	Piano 1	10, 16	15.0	0.0	30.0	0.0	60.0
297	Piano 1	11, 12	15.0	0.0	30.0	0.0	60.0
298	Piano 1	12, 13	15.0	0.0	50.0	0.0	24.0
299	Piano 1	12, 17	15.0	0.0	30.0	0.0	60.0

300	Piano 1	13, 14	15.0	0.0	30.0	0.0	60.0
301	Piano 1	13, 20	15.0	0.0	30.0	0.0	70.0
302	Piano 1	14, 15	15.0	0.0	30.0	0.0	60.0
303	Piano 1	14, 21	15.0	0.0	30.0	0.0	70.0
304	Piano 1	15, 22	15.0	0.0	30.0	0.0	70.0
305	Piano 1	16, 18	15.0	0.0	30.0	0.0	60.0
306	Piano 1	17, 19	15.0	0.0	30.0	0.0	60.0
307	Piano 1	18, 23	15.0	0.0	30.0	0.0	60.0
308	Piano 1	19, 20	15.0	0.0	50.0	0.0	24.0
309	Piano 1	19, 24	15.0	0.0	30.0	0.0	60.0
310	Piano 1	20, 21	15.0	0.0	30.0	0.0	60.0
311	Piano 1	20, 27	15.0	0.0	30.0	0.0	70.0
312	Piano 1	21, 29	15.0	0.0	30.0	0.0	70.0
313	Piano 1	21, 50	15.0	0.0	30.0	0.0	60.0
314	Piano 1	22, 31	15.0	0.0	30.0	0.0	70.0
315	Piano 1	50, 22	15.0	0.0	30.0	0.0	60.0
316	Piano 1	23, 25	15.0	0.0	30.0	0.0	60.0
317	Piano 1	24, 26	15.0	0.0	30.0	0.0	60.0
318	Piano 1	25, 34	15.0	0.0	30.0	0.0	60.0
319	Piano 1	26, 27	15.0	0.0	50.0	0.0	24.0
320	Piano 1	26, 35	15.0	0.0	30.0	0.0	60.0
321	Piano 1	28, 27	15.0	0.0	30.0	0.0	50.0
322	Piano 1	27, 36	15.0	0.0	30.0	0.0	60.0
323	Piano 1	29, 28	15.0	0.0	30.0	0.0	50.0
324	Piano 1	32, 28	15.0	0.0	30.0	0.0	60.0
325	Piano 1	29, 30	15.0	0.0	30.0	0.0	60.0
326	Piano 1	29, 33	15.0	0.0	30.0	0.0	60.0
327	Piano 1	30, 31	15.0	0.0	30.0	0.0	60.0
328	Piano 1	43, 30	15.0	0.0	30.0	0.0	70.0
329	Piano 1	31, 44	15.0	0.0	30.0	0.0	70.0
330	Piano 1	32, 33	15.0	0.0	30.0	0.0	60.0
331	Piano 1	32, 37	15.0	0.0	30.0	0.0	60.0
332	Piano 1	33, 38	15.0	0.0	30.0	0.0	60.0
333	Piano 1	34, 39	15.0	0.0	30.0	0.0	60.0
334	Piano 1	35, 40	15.0	0.0	30.0	0.0	60.0
335	Piano 1	37, 36	15.0	0.0	30.0	0.0	50.0
336	Piano 1	36, 41	15.0	0.0	30.0	0.0	60.0
337	Piano 1	37, 38	15.0	0.0	30.0	0.0	60.0
338	Piano 1	45, 39	15.0	0.0	30.0	0.0	50.0
339	Piano 1	39, 49	15.0	0.0	30.0	0.0	60.0
340	Piano 1	41, 40	15.0	0.0	30.0	0.0	70.0
341	Piano 1	46, 40	15.0	0.0	30.0	0.0	50.0
342	Piano 1	41, 42	15.0	0.0	30.0	0.0	60.0
343	Piano 1	42, 43	15.0	0.0	30.0	0.0	60.0
344	Piano 1	43, 44	15.0	0.0	30.0	0.0	60.0
345	Piano 1	45, 46	15.0	0.0	30.0	0.0	50.0
346	Piano 1	1	15.0	0.0	90.0	0.0	30.0
347	Piano 1	2	15.0	0.0	60.0	0.0	30.0
348	Piano 1	3	15.0	0.0	60.0	0.0	30.0
349	Piano 1	4	15.0	0.0	50.0	0.0	30.0
350	Piano 1	4	15.0	0.0	50.0	0.0	30.0
351	Piano 1	4	15.0	0.0	50.0	0.0	30.0
352	Piano 1	4	15.0	0.0	50.0	0.0	30.0
353	Piano 1	5	15.0	0.0	90.0	0.0	30.0
354	Piano 1	5	15.0	0.0	90.0	0.0	30.0
355	Piano 1	5	15.0	0.0	90.0	0.0	30.0
356	Piano 1	5	15.0	0.0	90.0	0.0	30.0
357	Piano 1	6	15.0	0.0	90.0	0.0	30.0
358	Piano 1	6	15.0	0.0	90.0	0.0	30.0
359	Piano 1	6	15.0	0.0	90.0	0.0	30.0
360	Piano 1	6	15.0	0.0	90.0	0.0	30.0
361	Piano 1	7	15.0	0.0	90.0	0.0	30.0
362	Piano 1	8	15.0	0.0	60.0	0.0	30.0
363	Piano 1	9	15.0	0.0	60.0	0.0	30.0
364	Piano 1	10	15.0	0.0	90.0	0.0	30.0
365	Piano 1	11	15.0	0.0	60.0	0.0	30.0
366	Piano 1	12	15.0	0.0	90.0	0.0	30.0
367	Piano 1	13	15.0	0.0	50.0	0.0	30.0
368	Piano 1	14	15.0	0.0	90.0	0.0	30.0
369	Piano 1	15	15.0	0.0	90.0	0.0	30.0
370	Piano 1	16	15.0	0.0	90.0	0.0	30.0
371	Piano 1	17	15.0	0.0	90.0	0.0	30.0

372	Piano 1	18	15.0	0.0	90.0	0.0	30.0
373	Piano 1	19	15.0	0.0	90.0	0.0	30.0
374	Piano 1	20	15.0	0.0	60.0	0.0	30.0
375	Piano 1	21	15.0	0.0	90.0	0.0	30.0
376	Piano 1	22	15.0	0.0	100.0	0.0	30.0
377	Piano 1	23	15.0	0.0	90.0	0.0	30.0
378	Piano 1	24	15.0	0.0	90.0	0.0	30.0
379	Piano 1	25	15.0	0.0	90.0	0.0	30.0
380	Piano 1	26	15.0	0.0	90.0	0.0	30.0
381	Piano 1	27	15.0	0.0	60.0	0.0	30.0
382	Piano 1	28	15.0	0.0	40.0	0.0	30.0
383	Piano 1	29	15.0	0.0	60.0	0.0	30.0
384	Piano 1	30	15.0	0.0	60.0	0.0	30.0
385	Piano 1	31	15.0	0.0	90.0	0.0	30.0
386	Piano 1	32	15.0	0.0	30.0	0.0	30.0
387	Piano 1	33	15.0	0.0	30.0	0.0	30.0
388	Piano 1	34	15.0	0.0	90.0	0.0	30.0
389	Piano 1	35	15.0	0.0	90.0	0.0	30.0
390	Piano 1	36	15.0	0.0	40.0	0.0	30.0
391	Piano 1	37	15.0	0.0	30.0	0.0	30.0
392	Piano 1	38	15.0	0.0	30.0	0.0	30.0
393	Piano 1	39	15.0	0.0	90.0	0.0	30.0
394	Piano 1	41	15.0	0.0	70.0	0.0	30.0
395	Piano 1	42	15.0	0.0	60.0	0.0	30.0
396	Piano 1	43	15.0	0.0	60.0	0.0	30.0
397	Piano 1	44	15.0	0.0	90.0	0.0	30.0
398	Piano 1	45	15.0	0.0	60.0	0.0	30.0
399	Piano 1	46	15.0	0.0	60.0	0.0	30.0
400	Piano 1	50	15.0	0.0	60.0	0.0	30.0
401	Piano 2	1, 2	15.0	0.0	30.0	0.0	60.0
402	Piano 2	1, 7	15.0	0.0	30.0	0.0	50.0
403	Piano 2	2, 3	15.0	0.0	30.0	0.0	60.0
404	Piano 2	2, 8	15.0	0.0	50.0	0.0	24.0
405	Piano 2	3, 4	15.0	0.0	30.0	0.0	60.0
406	Piano 2	3, 9	15.0	0.0	50.0	0.0	24.0
407	Piano 2	4, 5	15.0	0.0	30.0	0.0	60.0
408	Piano 2	4, 13	15.0	0.0	30.0	0.0	70.0
409	Piano 2	5, 6	15.0	0.0	30.0	0.0	60.0
410	Piano 2	5, 14	15.0	0.0	30.0	0.0	70.0
411	Piano 2	6, 15	15.0	0.0	30.0	0.0	70.0
412	Piano 2	7, 8	15.0	0.0	30.0	0.0	60.0
413	Piano 2	7, 10	15.0	0.0	30.0	0.0	50.0
414	Piano 2	8, 9	15.0	0.0	30.0	0.0	60.0
415	Piano 2	8, 11	15.0	0.0	30.0	0.0	60.0
416	Piano 2	9, 12	15.0	0.0	30.0	0.0	50.0
417	Piano 2	10, 11	15.0	0.0	30.0	0.0	60.0
418	Piano 2	10, 16	15.0	0.0	30.0	0.0	50.0
419	Piano 2	11, 12	15.0	0.0	30.0	0.0	60.0
420	Piano 2	12, 13	15.0	0.0	50.0	0.0	24.0
421	Piano 2	12, 17	15.0	0.0	30.0	0.0	50.0
422	Piano 2	13, 14	15.0	0.0	30.0	0.0	60.0
423	Piano 2	13, 20	15.0	0.0	30.0	0.0	70.0
424	Piano 2	14, 15	15.0	0.0	30.0	0.0	60.0
425	Piano 2	14, 21	15.0	0.0	30.0	0.0	70.0
426	Piano 2	15, 22	15.0	0.0	30.0	0.0	70.0
427	Piano 2	16, 17	15.0	0.0	30.0	0.0	70.0
428	Piano 2	16, 18	15.0	0.0	30.0	0.0	50.0
429	Piano 2	17, 19	15.0	0.0	30.0	0.0	50.0
430	Piano 2	18, 19	15.0	0.0	30.0	0.0	70.0
431	Piano 2	18, 23	15.0	0.0	30.0	0.0	50.0
432	Piano 2	19, 20	15.0	0.0	50.0	0.0	24.0
433	Piano 2	19, 24	15.0	0.0	30.0	0.0	50.0
434	Piano 2	20, 21	15.0	0.0	30.0	0.0	60.0
435	Piano 2	20, 27	15.0	0.0	30.0	0.0	70.0
436	Piano 2	21, 29	15.0	0.0	30.0	0.0	70.0
437	Piano 2	21, 50	15.0	0.0	30.0	0.0	60.0
438	Piano 2	22, 31	15.0	0.0	30.0	0.0	70.0
439	Piano 2	50, 22	15.0	0.0	30.0	0.0	60.0
440	Piano 2	23, 24	15.0	0.0	30.0	0.0	70.0
441	Piano 2	23, 25	15.0	0.0	30.0	0.0	50.0
442	Piano 2	24, 26	15.0	0.0	30.0	0.0	50.0
443	Piano 2	25, 26	15.0	0.0	30.0	0.0	70.0

444	Piano 2	25, 34	15.0	0.0	30.0	0.0	50.0
445	Piano 2	26, 27	15.0	0.0	50.0	0.0	24.0
446	Piano 2	26, 35	15.0	0.0	30.0	0.0	50.0
447	Piano 2	28, 27	15.0	0.0	30.0	0.0	50.0
448	Piano 2	27, 36	15.0	0.0	30.0	0.0	60.0
449	Piano 2	29, 28	15.0	0.0	30.0	0.0	50.0
450	Piano 2	32, 28	15.0	0.0	30.0	0.0	60.0
451	Piano 2	29, 30	15.0	0.0	30.0	0.0	60.0
452	Piano 2	29, 33	15.0	0.0	30.0	0.0	60.0
453	Piano 2	30, 31	15.0	0.0	30.0	0.0	60.0
454	Piano 2	30, 43	15.0	0.0	30.0	0.0	70.0
455	Piano 2	31, 44	15.0	0.0	30.0	0.0	70.0
456	Piano 2	32, 33	15.0	0.0	30.0	0.0	60.0
457	Piano 2	32, 37	15.0	0.0	30.0	0.0	60.0
458	Piano 2	33, 38	15.0	0.0	30.0	0.0	60.0
459	Piano 2	34, 35	15.0	0.0	30.0	0.0	70.0
460	Piano 2	34, 39	15.0	0.0	30.0	0.0	50.0
461	Piano 2	35, 40	15.0	0.0	30.0	0.0	50.0
462	Piano 2	37, 36	15.0	0.0	30.0	0.0	50.0
463	Piano 2	36, 41	15.0	0.0	30.0	0.0	60.0
464	Piano 2	37, 38	15.0	0.0	30.0	0.0	60.0
465	Piano 2	45, 39	15.0	0.0	30.0	0.0	50.0
466	Piano 2	39, 49	15.0	0.0	30.0	0.0	70.0
467	Piano 2	40, 41	15.0	0.0	30.0	0.0	70.0
468	Piano 2	46, 40	15.0	0.0	30.0	0.0	60.0
469	Piano 2	41, 42	15.0	0.0	30.0	0.0	60.0
470	Piano 2	42, 43	15.0	0.0	30.0	0.0	60.0
471	Piano 2	43, 44	15.0	0.0	30.0	0.0	60.0
472	Piano 2	45, 46	15.0	0.0	30.0	0.0	60.0
473	Piano 2	1	15.0	0.0	90.0	0.0	30.0
474	Piano 2	2	15.0	0.0	60.0	0.0	30.0
475	Piano 2	3	15.0	0.0	60.0	0.0	30.0
476	Piano 2	4	15.0	0.0	50.0	0.0	30.0
477	Piano 2	5	15.0	0.0	90.0	0.0	30.0
478	Piano 2	6	15.0	0.0	90.0	0.0	30.0
479	Piano 2	7	15.0	0.0	90.0	0.0	30.0
480	Piano 2	8	15.0	0.0	60.0	0.0	30.0
481	Piano 2	9	15.0	0.0	60.0	0.0	30.0
482	Piano 2	10	15.0	0.0	90.0	0.0	30.0
483	Piano 2	11	15.0	0.0	60.0	0.0	30.0
484	Piano 2	12	15.0	0.0	60.0	0.0	30.0
485	Piano 2	13	15.0	0.0	50.0	0.0	30.0
486	Piano 2	14	15.0	0.0	90.0	0.0	30.0
487	Piano 2	15	15.0	0.0	90.0	0.0	30.0
488	Piano 2	16	15.0	0.0	90.0	0.0	30.0
489	Piano 2	17	15.0	0.0	90.0	0.0	30.0
490	Piano 2	18	15.0	0.0	90.0	0.0	30.0
491	Piano 2	19	15.0	0.0	90.0	0.0	30.0
492	Piano 2	20	15.0	0.0	50.0	0.0	30.0
493	Piano 2	21	15.0	0.0	90.0	0.0	30.0
494	Piano 2	22	15.0	0.0	100.0	0.0	30.0
495	Piano 2	23	15.0	0.0	90.0	0.0	30.0
496	Piano 2	24	15.0	0.0	90.0	0.0	30.0
497	Piano 2	25	15.0	0.0	90.0	0.0	30.0
498	Piano 2	26	15.0	0.0	90.0	0.0	30.0
499	Piano 2	27	15.0	0.0	60.0	0.0	30.0
500	Piano 2	28	15.0	0.0	40.0	0.0	30.0
501	Piano 2	29	15.0	0.0	60.0	0.0	30.0
502	Piano 2	30	15.0	0.0	60.0	0.0	30.0
503	Piano 2	31	15.0	0.0	90.0	0.0	30.0
504	Piano 2	32	15.0	0.0	30.0	0.0	30.0
505	Piano 2	33	15.0	0.0	30.0	0.0	30.0
506	Piano 2	34	15.0	0.0	90.0	0.0	30.0
507	Piano 2	35	15.0	0.0	90.0	0.0	30.0
508	Piano 2	36	15.0	0.0	40.0	0.0	30.0
509	Piano 2	37	15.0	0.0	30.0	0.0	30.0
510	Piano 2	38	15.0	0.0	30.0	0.0	30.0
511	Piano 2	39	15.0	0.0	90.0	0.0	30.0
512	Piano 2	41	15.0	0.0	60.0	0.0	30.0
513	Piano 2	42	15.0	0.0	60.0	0.0	30.0
514	Piano 2	43	15.0	0.0	60.0	0.0	30.0
515	Piano 2	44	15.0	0.0	90.0	0.0	30.0

516	Piano 2	45	15.0	0.0	60.0	0.0	30.0
517	Piano 2	46	15.0	0.0	60.0	0.0	30.0
518	Piano 2	50	15.0	0.0	60.0	0.0	30.0
519	Piano 3	1, 2	15.0	0.0	30.0	0.0	60.0
520	Piano 3	1, 7	15.0	0.0	30.0	0.0	50.0
521	Piano 3	2, 3	15.0	0.0	30.0	0.0	60.0
522	Piano 3	2, 8	15.0	0.0	50.0	0.0	24.0
523	Piano 3	3, 4	15.0	0.0	30.0	0.0	60.0
524	Piano 3	3, 9	15.0	0.0	50.0	0.0	24.0
525	Piano 3	4, 5	15.0	0.0	30.0	0.0	60.0
526	Piano 3	4, 13	15.0	0.0	30.0	0.0	70.0
527	Piano 3	5, 6	15.0	0.0	30.0	0.0	60.0
528	Piano 3	5, 14	15.0	0.0	30.0	0.0	70.0
529	Piano 3	6, 15	15.0	0.0	30.0	0.0	70.0
530	Piano 3	7, 8	15.0	0.0	30.0	0.0	60.0
531	Piano 3	7, 10	15.0	0.0	30.0	0.0	50.0
532	Piano 3	8, 9	15.0	0.0	30.0	0.0	60.0
533	Piano 3	8, 11	15.0	0.0	30.0	0.0	60.0
534	Piano 3	9, 12	15.0	0.0	30.0	0.0	50.0
535	Piano 3	10, 11	15.0	0.0	30.0	0.0	60.0
536	Piano 3	10, 16	15.0	0.0	30.0	0.0	50.0
537	Piano 3	11, 12	15.0	0.0	30.0	0.0	60.0
538	Piano 3	12, 13	15.0	0.0	50.0	0.0	24.0
539	Piano 3	12, 17	15.0	0.0	30.0	0.0	50.0
540	Piano 3	13, 14	15.0	0.0	30.0	0.0	60.0
541	Piano 3	13, 20	15.0	0.0	30.0	0.0	70.0
542	Piano 3	14, 15	15.0	0.0	30.0	0.0	60.0
543	Piano 3	14, 21	15.0	0.0	30.0	0.0	70.0
544	Piano 3	15, 22	15.0	0.0	30.0	0.0	70.0
545	Piano 3	16, 17	15.0	0.0	30.0	0.0	70.0
546	Piano 3	16, 18	15.0	0.0	30.0	0.0	50.0
547	Piano 3	17, 19	15.0	0.0	30.0	0.0	50.0
548	Piano 3	18, 19	15.0	0.0	30.0	0.0	70.0
549	Piano 3	18, 23	15.0	0.0	30.0	0.0	50.0
550	Piano 3	19, 20	15.0	0.0	50.0	0.0	24.0
551	Piano 3	19, 24	15.0	0.0	30.0	0.0	50.0
552	Piano 3	20, 21	15.0	0.0	30.0	0.0	60.0
553	Piano 3	20, 27	15.0	0.0	30.0	0.0	70.0
554	Piano 3	21, 29	15.0	0.0	30.0	0.0	70.0
555	Piano 3	21, 50	15.0	0.0	30.0	0.0	60.0
556	Piano 3	22, 31	15.0	0.0	30.0	0.0	70.0
557	Piano 3	50, 22	15.0	0.0	30.0	0.0	60.0
558	Piano 3	23, 24	15.0	0.0	30.0	0.0	70.0
559	Piano 3	23, 25	15.0	0.0	30.0	0.0	50.0
560	Piano 3	24, 26	15.0	0.0	30.0	0.0	50.0
561	Piano 3	25, 26	15.0	0.0	30.0	0.0	70.0
562	Piano 3	25, 34	15.0	0.0	30.0	0.0	50.0
563	Piano 3	26, 27	15.0	0.0	50.0	0.0	24.0
564	Piano 3	26, 35	15.0	0.0	30.0	0.0	50.0
565	Piano 3	28, 27	15.0	0.0	30.0	0.0	50.0
566	Piano 3	27, 36	15.0	0.0	30.0	0.0	60.0
567	Piano 3	29, 28	15.0	0.0	30.0	0.0	50.0
568	Piano 3	32, 28	15.0	0.0	30.0	0.0	60.0
569	Piano 3	29, 30	15.0	0.0	30.0	0.0	60.0
570	Piano 3	29, 33	15.0	0.0	30.0	0.0	60.0
571	Piano 3	30, 31	15.0	0.0	30.0	0.0	60.0
572	Piano 3	43, 30	15.0	0.0	30.0	0.0	70.0
573	Piano 3	31, 44	15.0	0.0	30.0	0.0	70.0
574	Piano 3	32, 33	15.0	0.0	30.0	0.0	60.0
575	Piano 3	32, 37	15.0	0.0	30.0	0.0	60.0
576	Piano 3	33, 38	15.0	0.0	30.0	0.0	60.0
577	Piano 3	34, 35	15.0	0.0	30.0	0.0	70.0
578	Piano 3	34, 39	15.0	0.0	30.0	0.0	50.0
579	Piano 3	35, 40	15.0	0.0	30.0	0.0	50.0
580	Piano 3	37, 36	15.0	0.0	30.0	0.0	50.0
581	Piano 3	36, 41	15.0	0.0	30.0	0.0	60.0
582	Piano 3	37, 38	15.0	0.0	30.0	0.0	60.0
583	Piano 3	39, 49	15.0	0.0	30.0	0.0	70.0
584	Piano 3	40, 41	15.0	0.0	30.0	0.0	70.0
585	Piano 3	41, 42	15.0	0.0	30.0	0.0	60.0
586	Piano 3	42, 43	15.0	0.0	30.0	0.0	60.0
587	Piano 3	43, 44	15.0	0.0	30.0	0.0	60.0

588	Piano 3	1	15.0	0.0	90.0	0.0	30.0
589	Piano 3	2	15.0	0.0	60.0	0.0	30.0
590	Piano 3	3	15.0	0.0	60.0	0.0	30.0
591	Piano 3	4	15.0	0.0	50.0	0.0	30.0
592	Piano 3	5	15.0	0.0	90.0	0.0	30.0
593	Piano 3	6	15.0	0.0	90.0	0.0	30.0
594	Piano 3	7	15.0	0.0	90.0	0.0	30.0
595	Piano 3	8	15.0	0.0	60.0	0.0	30.0
596	Piano 3	9	15.0	0.0	60.0	0.0	30.0
597	Piano 3	10	15.0	0.0	90.0	0.0	30.0
598	Piano 3	11	15.0	0.0	60.0	0.0	30.0
599	Piano 3	12	15.0	0.0	60.0	0.0	30.0
600	Piano 3	13	15.0	0.0	50.0	0.0	30.0
601	Piano 3	14	15.0	0.0	90.0	0.0	30.0
602	Piano 3	15	15.0	0.0	90.0	0.0	30.0
603	Piano 3	16	15.0	0.0	90.0	0.0	30.0
604	Piano 3	17	15.0	0.0	90.0	0.0	30.0
605	Piano 3	18	15.0	0.0	90.0	0.0	30.0
606	Piano 3	19	15.0	0.0	90.0	0.0	30.0
607	Piano 3	20	15.0	0.0	50.0	0.0	30.0
608	Piano 3	21	15.0	0.0	90.0	0.0	30.0
609	Piano 3	22	15.0	0.0	100.0	0.0	30.0
610	Piano 3	23	15.0	0.0	90.0	0.0	30.0
611	Piano 3	24	15.0	0.0	90.0	0.0	30.0
612	Piano 3	25	15.0	0.0	90.0	0.0	30.0
613	Piano 3	26	15.0	0.0	90.0	0.0	30.0
614	Piano 3	27	15.0	0.0	60.0	0.0	30.0
615	Piano 3	28	15.0	0.0	40.0	0.0	30.0
616	Piano 3	29	15.0	0.0	60.0	0.0	30.0
617	Piano 3	30	15.0	0.0	60.0	0.0	30.0
618	Piano 3	31	15.0	0.0	90.0	0.0	30.0
619	Piano 3	32	15.0	0.0	30.0	0.0	30.0
620	Piano 3	33	15.0	0.0	30.0	0.0	30.0
621	Piano 3	34	15.0	0.0	90.0	0.0	30.0
622	Piano 3	35	15.0	0.0	90.0	0.0	30.0
623	Piano 3	36	15.0	0.0	40.0	0.0	30.0
624	Piano 3	37	15.0	0.0	30.0	0.0	30.0
625	Piano 3	38	15.0	0.0	30.0	0.0	30.0
626	Piano 3	39	15.0	0.0	90.0	0.0	30.0
627	Piano 3	41	15.0	0.0	60.0	0.0	30.0
628	Piano 3	42	15.0	0.0	60.0	0.0	30.0
629	Piano 3	43	15.0	0.0	60.0	0.0	30.0
630	Piano 3	44	15.0	0.0	90.0	0.0	30.0
631	Piano 3	50	15.0	0.0	60.0	0.0	30.0
632	Piano 4	20, 21	15.0	0.0	30.0	0.0	50.0
633	Piano 4	47, 20	15.0	0.0	30.0	0.0	40.0
634	Piano 4	48, 21	15.0	0.0	30.0	0.0	40.0
635	Piano 4	27, 29	15.0	0.0	30.0	0.0	60.0
636	Piano 4	27, 41	15.0	0.0	30.0	0.0	60.0
637	Piano 4	27, 47	15.0	0.0	30.0	0.0	40.0
638	Piano 4	29, 30	15.0	0.0	30.0	0.0	60.0
639	Piano 4	29, 33	15.0	0.0	30.0	0.0	60.0
640	Piano 4	29, 48	15.0	0.0	30.0	0.0	40.0
641	Piano 4	30, 43	15.0	0.0	30.0	0.0	60.0
642	Piano 4	32, 33	15.0	0.0	30.0	0.0	60.0
643	Piano 4	32, 37	15.0	0.0	30.0	0.0	60.0
644	Piano 4	33, 38	15.0	0.0	30.0	0.0	60.0
645	Piano 4	37, 38	15.0	0.0	30.0	0.0	60.0
646	Piano 4	38, 42	15.0	0.0	30.0	0.0	60.0
647	Piano 4	41, 42	15.0	0.0	30.0	0.0	60.0
648	Piano 4	42, 43	15.0	0.0	30.0	0.0	60.0
649	Piano 4	47, 48	15.0	0.0	50.0	0.0	21.0
650	Piano 4	20	15.0	0.0	50.0	0.0	30.0
651	Piano 4	21	15.0	0.0	50.0	0.0	30.0
652	Piano 4	27	15.0	0.0	60.0	0.0	30.0
653	Piano 4	29	15.0	0.0	60.0	0.0	30.0
654	Piano 4	30	15.0	0.0	60.0	0.0	30.0
655	Piano 4	32	15.0	0.0	30.0	0.0	30.0
656	Piano 4	33	15.0	0.0	30.0	0.0	30.0
657	Piano 4	37	15.0	0.0	30.0	0.0	30.0
658	Piano 4	38	15.0	0.0	30.0	0.0	30.0
659	Piano 4	41	15.0	0.0	60.0	0.0	30.0

660	Piano 4	42	15.0	0.0	60.0	0.0	30.0
661	Piano 4	43	15.0	0.0	60.0	0.0	30.0

Pareti

Parete : numero della parete
Imp. : impalcato al quale appartiene la parete
Fili : fili fissi ai quali appartiene la parete
Δt : salto termico applicato all'elemento.

Parete	Imp.	Fili	Δt [°C]
1	Piano 1	4-5	15.0
2	Piano 1	5-6	15.0
3	Piano 1	40-49	15.0
4	Piano 2	40-49	15.0
5	Piano 3	40-49	15.0

Platee

Platee : numero della platea
Imp. : impalcato al quale appartiene la platea
Fili : fili fissi ai quali appartiene la platea
Δt : salto termico applicato all'elemento.

Platea	Imp.	Fili	Δt [°C]
1	Fondazione	45, 46, 49, 44, 6, 1	15.0

4 Risultati di Calcolo.

4.1 Tensioni sul Terreno.

I dati seguenti riportano i valori delle tensioni esercitate dalla fondazione sul terreno.

Asta/Piastra : numerazione interna dell'asta/piastra.
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta/piastra.
Comb : combinazione di appartenenza del valore considerato nell'inviluppo.
Tensioni (σ_T) : valore della tensione dovuta alla pressione dell'asta/piastra di fondazione:

Tabella 1.I

Tensioni Terreno									
				SLV	SLD	SLO	SLE		
				A1	A1		Caratt.	Freq.	Q. Perm.
Asta	**Imp.**	**Fili**	**X [cm]**	**σt [daN/cm²]**	**σt [daN/cm²]**	**σt [daN/cm²]**	**σt [daN/cm²]**	**σt [daN/cm²]**	**σt [daN/cm²]**
1	Fondazione	1-2	0.00	1.20(21)	1.35(21)	1.21(21)	0.83(2)	0.79(4)	0.78(1)
			44.17	1.13(21)	1.27(21)	1.14(21)	0.79(2)	0.75(4)	0.74(1)
			88.33	1.06(21)	1.19(21)	1.07(21)	0.75(2)	0.72(4)	0.70(1)
2	Fondazione	1-2	0.00	1.06(3)	1.19(21)	1.07(21)	0.75(2)	0.72(4)	0.70(1)
			44.17	1.00(3)	1.11(21)	1.00(21)	0.72(2)	0.68(4)	0.67(1)
			88.33	0.94(3)	1.05(21)	0.95(21)	0.69(2)	0.66(4)	0.65(1)
3	Fondazione	1-2	0.00	0.94(3)	1.05(21)	0.95(21)	0.69(2)	0.66(4)	0.65(1)
			44.17	0.91(3)	0.99(21)	0.90(21)	0.66(2)	0.63(4)	0.62(1)
			88.33	0.88(3)	0.94(21)	0.86(21)	0.65(2)	0.62(4)	0.61(1)
4	Fondazione	1-2	0.00	0.88(3)	0.94(21)	0.86(21)	0.65(2)	0.62(1)	0.61(1)
			44.17	0.86(3)	0.91(21)	0.83(21)	0.63(2)	0.60(1)	0.60(1)
			88.33	0.85(3)	0.88(21)	0.81(21)	0.63(2)	0.60(1)	0.59(1)
5	Fondazione	1-2	0.00	0.85(3)	0.88(21)	0.81(21)	0.63(2)	0.60(1)	0.59(1)
			44.17	0.85(3)	0.86(21)	0.79(21)	0.62(2)	0.59(1)	0.59(1)
			88.33	0.85(3)	0.85(21)	0.79(21)	0.62(2)	0.59(1)	0.59(1)
6	Fondazione	1-2	0.00	0.85(3)	0.85(21)	0.79(21)	0.62(2)	0.59(1)	0.59(1)
			44.17	0.85(3)	0.84(21)	0.78(21)	0.62(2)	0.59(1)	0.59(1)
			88.33	0.85(3)	0.84(21)	0.78(21)	0.62(2)	0.59(1)	0.59(1)
7	Fondazione	1-7	0.00	1.20(3)	1.35(13)	1.21(13)	0.83(2)	0.79(1)	0.78(1)
			152.50	1.26(3)	1.29(13)	1.19(13)	0.92(2)	0.87(1)	0.86(1)

			305.00	1.45(3)	1.39(13)	1.30(13)	1.06(2)	1.01(1)	0.99(1)
8	Fondazione	2-3	0.00	0.85(3)	0.84(21)	0.78(21)	0.62(2)	0.59(1)	0.59(1)
			40.50	0.85(3)	0.83(21)	0.77(21)	0.62(2)	0.59(1)	0.59(1)
			81.00	0.84(3)	0.83(21)	0.77(21)	0.62(2)	0.59(1)	0.58(1)
9	Fondazione	2-3	0.00	0.84(3)	0.83(21)	0.77(21)	0.62(2)	0.59(1)	0.58(1)
			40.50	0.84(3)	0.83(21)	0.77(21)	0.61(2)	0.59(1)	0.58(1)
			81.00	0.83(3)	0.83(21)	0.77(21)	0.61(2)	0.59(1)	0.58(1)
10	Fondazione	2-3	0.00	0.83(3)	0.83(21)	0.77(13)	0.61(2)	0.59(1)	0.58(1)
			40.50	0.83(3)	0.83(21)	0.77(13)	0.61(2)	0.58(1)	0.58(1)
			81.00	0.83(3)	0.84(21)	0.78(13)	0.61(2)	0.58(1)	0.58(1)
11	Fondazione	2-3	0.00	0.83(3)	0.84(13)	0.78(13)	0.61(2)	0.58(1)	0.58(1)
			40.50	0.83(3)	0.87(13)	0.80(13)	0.61(2)	0.59(1)	0.58(1)
			81.00	0.84(3)	0.89(13)	0.83(13)	0.62(2)	0.59(1)	0.58(1)
12	Fondazione	2-3	0.00	0.84(13)	0.89(13)	0.83(13)	0.62(2)	0.59(1)	0.58(1)
			40.50	0.85(13)	0.93(13)	0.86(13)	0.62(2)	0.59(1)	0.59(1)
			81.00	0.87(13)	0.96(13)	0.88(13)	0.62(2)	0.60(1)	0.59(1)
13	Fondazione	2-8	0.00	0.85(3)	0.84(21)	0.78(21)	0.62(2)	0.59(1)	0.59(1)
			38.13	0.82(3)	0.79(21)	0.74(21)	0.60(2)	0.58(1)	0.57(1)
			76.25	0.79(3)	0.74(21)	0.70(21)	0.58(2)	0.56(1)	0.55(1)
14	Fondazione	2-8	0.00	0.79(3)	0.74(21)	0.70(21)	0.58(2)	0.56(1)	0.55(1)
			38.13	0.77(3)	0.70(21)	0.66(21)	0.57(2)	0.54(1)	0.54(1)
			76.25	0.75(3)	0.67(21)	0.63(21)	0.55(2)	0.53(1)	0.52(1)
15	Fondazione	2-8	0.00	0.75(2)	0.67(21)	0.63(21)	0.55(1)	0.53(1)	0.52(1)
			38.13	0.74(2)	0.63(21)	0.60(21)	0.54(1)	0.52(1)	0.51(1)
			76.25	0.73(2)	0.61(21)	0.58(21)	0.53(1)	0.51(1)	0.50(1)
16	Fondazione	2-8	0.00	0.73(2)	0.61(21)	0.58(21)	0.53(1)	0.51(1)	0.50(1)
			38.13	0.72(2)	0.58(21)	0.56(21)	0.53(1)	0.50(1)	0.50(1)
			76.25	0.71(2)	0.56(21)	0.54(21)	0.52(1)	0.50(1)	0.49(1)
17	Fondazione	3-4	0.00	0.87(13)	0.96(13)	0.88(13)	0.62(2)	0.60(1)	0.59(1)
			46.88	0.90(13)	1.01(13)	0.92(13)	0.63(2)	0.60(1)	0.59(1)
			93.75	0.94(13)	1.05(13)	0.96(13)	0.63(2)	0.60(1)	0.60(1)
18	Fondazione	3-4	0.00	0.94(13)	1.05(13)	0.96(13)	0.63(2)	0.60(1)	0.60(1)
			46.88	0.98(13)	1.10(13)	1.00(13)	0.64(2)	0.61(1)	0.60(1)
			93.75	1.01(13)	1.15(13)	1.04(13)	0.64(2)	0.62(1)	0.61(1)
19	Fondazione	3-4	0.00	1.01(13)	1.15(13)	1.04(13)	0.64(2)	0.62(1)	0.61(1)
			46.88	1.05(13)	1.20(13)	1.08(13)	0.65(2)	0.63(1)	0.62(1)
			93.75	1.07(13)	1.23(13)	1.11(13)	0.67(2)	0.64(1)	0.63(1)
20	Fondazione	3-4	0.00	1.07(13)	1.23(13)	1.11(13)	0.67(2)	0.64(1)	0.63(1)
			46.88	1.09(13)	1.25(13)	1.13(13)	0.68(2)	0.65(1)	0.65(1)
			93.75	1.09(13)	1.25(13)	1.13(13)	0.70(2)	0.67(1)	0.66(1)
21	Fondazione	3-9	0.00	0.87(3)	0.96(13)	0.88(13)	0.62(2)	0.60(1)	0.59(1)
			38.13	0.81(3)	0.89(13)	0.82(13)	0.60(2)	0.57(1)	0.57(1)
			76.25	0.78(3)	0.82(13)	0.76(13)	0.57(2)	0.55(1)	0.54(1)
22	Fondazione	3-9	0.00	0.78(3)	0.82(13)	0.76(13)	0.57(2)	0.55(1)	0.54(1)
			38.13	0.75(3)	0.75(13)	0.70(13)	0.55(2)	0.53(1)	0.52(1)
			76.25	0.72(3)	0.69(13)	0.65(13)	0.53(2)	0.51(1)	0.50(1)
23	Fondazione	3-9	0.00	0.72(2)	0.69(21)	0.65(13)	0.53(1)	0.51(1)	0.50(1)
			38.13	0.70(2)	0.64(21)	0.60(13)	0.51(1)	0.49(1)	0.49(1)
			76.25	0.68(2)	0.59(21)	0.57(13)	0.50(1)	0.48(1)	0.47(1)
24	Fondazione	3-9	0.00	0.68(2)	0.59(21)	0.57(21)	0.50(1)	0.48(1)	0.47(1)
			38.13	0.67(2)	0.56(21)	0.53(21)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.66(2)	0.53(21)	0.51(21)	0.48(1)	0.46(1)	0.45(1)
25	Fondazione	4-5	0.00	1.09(13)	1.25(13)	1.13(13)	0.70(2)	0.67(1)	0.66(1)
			45.63	1.07(13)	1.22(13)	1.11(13)	0.71(2)	0.68(1)	0.67(1)
			91.25	1.03(13)	1.17(13)	1.07(13)	0.72(2)	0.69(1)	0.68(1)
26	Fondazione	4-5	0.00	1.03(3)	1.17(21)	1.07(21)	0.72(2)	0.69(4)	0.68(1)
			45.63	1.00(3)	1.11(21)	1.02(21)	0.73(2)	0.70(4)	0.69(1)
			91.25	1.00(3)	1.10(21)	1.00(21)	0.74(2)	0.70(4)	0.70(1)
27	Fondazione	4-5	0.00	1.00(3)	1.10(19)	1.00(19)	0.74(2)	0.70(4)	0.70(1)
			45.63	1.01(3)	1.08(19)	0.99(19)	0.74(2)	0.71(4)	0.70(1)
			91.25	1.02(3)	1.07(19)	0.98(19)	0.75(2)	0.72(4)	0.71(1)
28	Fondazione	4-5	0.00	1.02(3)	1.07(18)	0.98(18)	0.75(21)	0.72(4)	0.71(1)
			45.63	1.03(3)	1.08(18)	0.99(18)	0.76(21)	0.72(4)	0.71(1)
			91.25	1.03(3)	1.12(18)	1.02(18)	0.76(21)	0.73(4)	0.72(1)
29	Fondazione	4-13	0.00	1.09(13)	1.25(13)	1.13(13)	0.70(2)	0.67(1)	0.66(1)
			43.57	0.99(13)	1.13(13)	1.02(13)	0.65(2)	0.62(1)	0.61(1)
			87.14	0.89(13)	1.01(13)	0.92(13)	0.60(2)	0.58(1)	0.57(1)
30	Fondazione	4-13	0.00	0.89(13)	1.01(13)	0.92(13)	0.60(2)	0.58(1)	0.57(1)
			43.57	0.80(13)	0.90(13)	0.83(13)	0.56(2)	0.54(1)	0.53(1)
			87.14	0.72(13)	0.80(13)	0.74(13)	0.53(2)	0.50(1)	0.50(1)
31	Fondazione	4-13	0.00	0.72(3)	0.80(13)	0.74(13)	0.53(2)	0.50(1)	0.50(1)
			43.57	0.67(3)	0.72(13)	0.67(13)	0.50(2)	0.48(1)	0.47(1)

			87.14	0.64(3)	0.65(13)	0.61(13)	0.47(2)	0.46(1)	0.45(1)
32	Fondazione	4-13	0.00	0.64(2)	0.65(13)	0.61(13)	0.47(1)	0.46(1)	0.45(1)
			43.57	0.62(2)	0.59(13)	0.56(13)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.61(2)	0.55(13)	0.53(13)	0.45(1)	0.43(1)	0.43(1)
33	Fondazione	4-13	0.00	0.61(2)	0.55(11)	0.53(11)	0.45(1)	0.43(1)	0.43(1)
			43.57	0.61(2)	0.52(11)	0.50(11)	0.45(1)	0.43(1)	0.42(1)
			87.14	0.61(2)	0.51(11)	0.49(11)	0.45(1)	0.43(1)	0.42(1)
34	Fondazione	4-13	0.00	0.61(2)	0.51(11)	0.49(11)	0.45(1)	0.43(1)	0.42(1)
			43.57	0.62(2)	0.51(11)	0.49(11)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.51(11)	0.49(11)	0.47(1)	0.44(1)	0.44(1)
35	Fondazione	4-13	0.00	0.63(2)	0.51(11)	0.49(11)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.65(2)	0.51(11)	0.49(11)	0.47(1)	0.45(1)	0.44(1)
			87.14	0.65(2)	0.51(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
36	Fondazione	5-6	0.00	1.03(8)	1.12(8)	1.02(8)	0.76(21)	0.73(4)	0.72(1)
			49.00	1.04(8)	1.16(8)	1.06(8)	0.77(21)	0.73(4)	0.72(1)
			98.00	1.11(8)	1.25(8)	1.13(8)	0.78(21)	0.74(4)	0.73(1)
37	Fondazione	5-6	0.00	1.11(8)	1.25(8)	1.13(8)	0.78(21)	0.74(4)	0.73(1)
			49.00	1.19(8)	1.36(8)	1.23(8)	0.79(21)	0.75(4)	0.74(1)
			98.00	1.28(8)	1.47(8)	1.32(8)	0.80(21)	0.75(4)	0.74(1)
38	Fondazione	5-6	0.00	1.28(8)	1.47(8)	1.32(8)	0.80(21)	0.75(4)	0.74(1)
			49.00	1.36(8)	1.59(8)	1.41(8)	0.80(21)	0.76(4)	0.75(1)
			98.00	1.45(8)	1.71(8)	1.51(8)	0.81(21)	0.77(4)	0.76(1)
39	Fondazione	5-6	0.00	1.45(8)	1.71(8)	1.51(8)	0.81(21)	0.77(1)	0.76(1)
			49.00	1.54(8)	1.83(8)	1.61(8)	0.82(21)	0.77(1)	0.77(1)
			98.00	1.63(8)	1.95(8)	1.70(8)	0.83(21)	0.78(1)	0.77(1)
40	Fondazione	5-6	0.00	1.63(8)	1.95(8)	1.70(8)	0.83(21)	0.78(5)	0.77(1)
			49.00	1.72(8)	2.07(8)	1.80(8)	0.84(21)	0.79(5)	0.78(1)
			98.00	1.81(8)	2.19(8) *	1.90(8) *	0.85(21)	0.80(5)	0.79(1)
41	Fondazione	5-14	0.00	1.03(3)	1.12(18)	1.02(18)	0.76(21)	0.73(4)	0.72(1)
			43.57	0.96(3)	0.98(18)	0.90(18)	0.71(21)	0.67(4)	0.67(1)
			87.14	0.88(3)	0.85(18)	0.79(18)	0.65(21)	0.62(4)	0.61(1)
42	Fondazione	5-14	0.00	0.88(3)	0.85(18)	0.79(8)	0.65(21)	0.62(1)	0.61(1)
			43.57	0.81(3)	0.74(18)	0.70(8)	0.60(21)	0.57(1)	0.57(1)
			87.14	0.75(3)	0.64(18)	0.62(8)	0.56(21)	0.53(1)	0.52(1)
43	Fondazione	5-14	0.00	0.75(3)	0.64(8)	0.62(8)	0.56(21)	0.53(1)	0.52(1)
			43.57	0.70(3)	0.57(8)	0.55(8)	0.52(21)	0.50(1)	0.49(1)
			87.14	0.66(3)	0.52(8)	0.50(8)	0.49(21)	0.47(1)	0.46(1)
44	Fondazione	5-14	0.00	0.66(3)	0.52(6)	0.50(3)	0.49(21)	0.47(1)	0.46(1)
			43.57	0.63(3)	0.47(6)	0.47(3)	0.47(21)	0.45(1)	0.44(1)
			87.14	0.62(3)	0.46(6)	0.45(3)	0.45(21)	0.44(1)	0.43(1)
45	Fondazione	5-14	0.00	0.62(2)	0.46(16)	0.45(16)	0.45(1)	0.44(1)	0.43(1)
			43.57	0.61(2)	0.46(16)	0.45(16)	0.45(1)	0.43(1)	0.43(1)
			87.14	0.61(2)	0.47(16)	0.46(16)	0.45(1)	0.43(1)	0.43(1)
46	Fondazione	5-14	0.00	0.61(2)	0.47(16)	0.46(16)	0.45(1)	0.43(1)	0.43(1)
			43.57	0.62(2)	0.48(16)	0.47(16)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.49(16)	0.48(16)	0.47(1)	0.44(1)	0.44(1)
47	Fondazione	5-14	0.00	0.63(2)	0.49(17)	0.48(17)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.64(2)	0.51(17)	0.49(17)	0.47(1)	0.45(1)	0.44(1)
			87.14	0.65(2)	0.51(17)	0.50(17)	0.48(1)	0.45(1)	0.45(1)
48	Fondazione	6-15	0.00	1.81(8)	2.19(8) *	1.90(8) *	0.85(21)	0.80(5)	0.79(1)
			43.57	1.66(8)	2.00(8)	1.74(8)	0.80(21)	0.75(5)	0.74(1)
			87.14	1.52(8)	1.82(8)	1.59(8)	0.75(21)	0.71(5)	0.70(1)
49	Fondazione	6-15	0.00	1.52(8)	1.82(8)	1.59(8)	0.75(21)	0.71(1)	0.70(1)
			43.57	1.38(8)	1.64(8)	1.44(8)	0.71(21)	0.67(1)	0.66(1)
			87.14	1.26(8)	1.49(8)	1.31(8)	0.67(21)	0.63(1)	0.62(1)
50	Fondazione	6-15	0.00	1.26(8)	1.49(8)	1.31(8)	0.67(21)	0.63(1)	0.62(1)
			43.57	1.15(8)	1.35(8)	1.19(8)	0.63(21)	0.60(1)	0.59(1)
			87.14	1.05(8)	1.22(8)	1.09(8)	0.61(21)	0.58(1)	0.57(1)
51	Fondazione	6-15	0.00	1.05(8)	1.22(8)	1.09(8)	0.61(21)	0.58(1)	0.57(1)
			43.57	0.98(8)	1.13(8)	1.01(8)	0.59(21)	0.56(1)	0.56(1)
			87.14	0.92(8)	1.05(8)	0.95(8)	0.58(21)	0.55(1)	0.55(1)
52	Fondazione	6-15	0.00	0.92(6)	1.05(6)	0.95(6)	0.58(5)	0.55(1)	0.55(1)
			43.57	0.89(6)	1.00(6)	0.90(6)	0.58(5)	0.55(1)	0.54(1)
			87.14	0.86(6)	0.96(6)	0.87(6)	0.58(5)	0.55(1)	0.55(1)
53	Fondazione	6-15	0.00	0.86(6)	0.96(6)	0.87(6)	0.58(21)	0.55(1)	0.55(1)
			43.57	0.84(6)	0.93(6)	0.85(6)	0.59(21)	0.56(1)	0.55(1)
			87.14	0.83(6)	0.91(6)	0.84(6)	0.59(21)	0.57(1)	0.56(1)
54	Fondazione	6-15	0.00	0.83(22)	0.91(6)	0.84(6)	0.59(21)	0.57(1)	0.56(1)
			43.57	0.82(22)	0.90(6)	0.83(6)	0.60(21)	0.57(1)	0.57(1)
			87.14	0.83(22)	0.88(6)	0.81(6)	0.61(21)	0.58(1)	0.57(1)
55	Fondazione	7-8	0.00	1.45(2)	1.39(21)	1.30(21)	1.06(1)	1.01(1)	0.99(1)
			265.00	0.97(2)	0.83(21)	0.80(21)	0.71(1)	0.68(1)	0.66(1)

			530.00	0.71(2)	0.56(21)	0.54(21)	0.52(1)	0.50(1)	0.49(1)
56	Fondazione	7-10	0.00	1.45(3)	1.39(11)	1.30(11)	1.06(2)	1.01(1)	0.99(1)
			152.50	1.64(3)	1.52(11)	1.43(11)	1.20(2)	1.13(1)	1.11(1)
			305.00	1.81(3)	1.65(11)	1.55(11)	1.32(2)	1.25(1)	1.23(1)
57	Fondazione	8-9	0.00	0.71(2)	0.56(21)	0.54(21)	0.52(1)	0.50(1)	0.49(1)
			40.50	0.70(2)	0.55(21)	0.53(21)	0.51(1)	0.49(1)	0.48(1)
			81.00	0.69(2)	0.53(21)	0.52(21)	0.50(1)	0.48(1)	0.47(1)
58	Fondazione	8-9	0.00	0.69(2)	0.53(21)	0.52(21)	0.50(1)	0.48(1)	0.47(1)
			40.50	0.68(2)	0.52(21)	0.51(21)	0.50(1)	0.47(1)	0.47(1)
			81.00	0.67(2)	0.52(21)	0.50(21)	0.49(1)	0.47(1)	0.46(1)
59	Fondazione	8-9	0.00	0.67(2)	0.52(21)	0.50(21)	0.49(1)	0.47(1)	0.46(1)
			40.50	0.66(2)	0.52(21)	0.50(21)	0.49(1)	0.46(1)	0.46(1)
			81.00	0.66(2)	0.51(21)	0.50(21)	0.48(1)	0.46(1)	0.45(1)
60	Fondazione	8-9	0.00	0.66(2)	0.51(21)	0.50(21)	0.48(1)	0.46(1)	0.45(1)
			40.50	0.65(2)	0.52(21)	0.50(21)	0.48(1)	0.46(1)	0.45(1)
			81.00	0.65(2)	0.52(21)	0.50(21)	0.48(1)	0.46(1)	0.45(1)
61	Fondazione	8-9	0.00	0.65(2)	0.52(21)	0.50(21)	0.48(1)	0.46(1)	0.45(1)
			40.50	0.65(2)	0.52(21)	0.51(21)	0.48(1)	0.46(1)	0.45(1)
			81.00	0.66(2)	0.53(21)	0.51(21)	0.48(1)	0.46(1)	0.45(1)
62	Fondazione	8-11	0.00	0.71(2)	0.56(13)	0.54(2)	0.52(1)	0.50(1)	0.49(1)
			38.13	0.70(2)	0.53(13)	0.52(2)	0.52(1)	0.49(1)	0.48(1)
			76.25	0.69(2)	0.51(13)	0.51(2)	0.51(1)	0.48(1)	0.48(1)
63	Fondazione	8-11	0.00	0.69(2)	0.51(11)	0.51(2)	0.51(1)	0.48(1)	0.48(1)
			38.13	0.68(2)	0.50(11)	0.50(2)	0.50(1)	0.48(1)	0.47(1)
			76.25	0.67(2)	0.50(11)	0.50(2)	0.50(1)	0.47(1)	0.46(1)
64	Fondazione	8-11	0.00	0.67(2)	0.50(17)	0.50(17)	0.50(1)	0.47(1)	0.46(1)
			38.13	0.67(2)	0.50(17)	0.49(17)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.51(17)	0.50(17)	0.49(1)	0.46(1)	0.45(1)
65	Fondazione	8-11	0.00	0.66(2)	0.51(17)	0.50(17)	0.49(1)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.52(17)	0.50(17)	0.48(1)	0.46(1)	0.45(1)
			76.25	0.65(2)	0.53(17)	0.51(17)	0.48(1)	0.45(1)	0.45(1)
66	Fondazione	12-9	0.00	0.62(2)	0.51(8)	0.49(8)	0.46(5)	0.44(1)	0.43(1)
			38.15	0.62(2)	0.50(8)	0.49(8)	0.46(5)	0.44(1)	0.43(1)
			76.29	0.62(2)	0.50(8)	0.48(8)	0.46(5)	0.43(1)	0.43(1)
67	Fondazione	12-9	0.00	0.62(2)	0.50(8)	0.48(8)	0.46(5)	0.43(1)	0.43(1)
			38.15	0.62(2)	0.49(8)	0.48(8)	0.46(5)	0.43(1)	0.43(1)
			76.29	0.62(2)	0.49(8)	0.48(8)	0.46(5)	0.44(1)	0.43(1)
68	Fondazione	12-9	0.00	0.62(2)	0.49(9)	0.48(9)	0.46(5)	0.44(1)	0.43(1)
			38.15	0.63(2)	0.49(9)	0.47(9)	0.46(5)	0.44(1)	0.43(1)
			76.29	0.63(2)	0.49(9)	0.47(9)	0.47(5)	0.44(1)	0.44(1)
69	Fondazione	12-9	0.00	0.63(2)	0.49(21)	0.47(21)	0.47(1)	0.44(1)	0.44(1)
			38.15	0.64(2)	0.50(21)	0.49(21)	0.47(1)	0.45(1)	0.44(1)
			76.29	0.66(2)	0.53(21)	0.51(21)	0.48(1)	0.46(1)	0.45(1)
70	Fondazione	10-11	0.00	1.81(2)	1.65(17)	1.55(17)	1.32(1)	1.25(1)	1.23(1)
			265.00	1.06(2)	0.90(17)	0.87(17)	0.78(1)	0.74(1)	0.73(1)
			530.00	0.65(2)	0.53(17)	0.51(17)	0.48(1)	0.45(1)	0.45(1)
71	Fondazione	10-16	0.00	1.81(3)	1.65(11)	1.55(11)	1.32(2)	1.25(1)	1.23(1)
			152.50	1.96(3)	1.75(11)	1.65(11)	1.43(2)	1.36(1)	1.33(1)
			305.00	2.09(3)	1.83(11)	1.73(11)	1.53(2)	1.45(1)	1.43(1)
72	Fondazione	11-12	0.00	0.65(2)	0.53(17)	0.51(17)	0.48(5)	0.45(1)	0.45(1)
			41.50	0.63(2)	0.51(17)	0.49(17)	0.47(5)	0.44(1)	0.43(1)
			83.00	0.62(2)	0.50(17)	0.48(17)	0.46(5)	0.43(1)	0.42(1)
73	Fondazione	11-12	0.00	0.62(2)	0.50(16)	0.48(16)	0.46(5)	0.43(1)	0.42(1)
			41.50	0.61(2)	0.49(16)	0.47(16)	0.45(5)	0.42(1)	0.42(1)
			83.00	0.60(2)	0.48(16)	0.47(16)	0.45(5)	0.42(1)	0.41(1)
74	Fondazione	11-12	0.00	0.60(2)	0.48(6)	0.47(6)	0.45(5)	0.42(1)	0.41(1)
			41.50	0.60(2)	0.48(6)	0.47(6)	0.45(5)	0.42(1)	0.41(1)
			83.00	0.61(2)	0.49(6)	0.47(6)	0.45(5)	0.42(1)	0.42(1)
75	Fondazione	11-12	0.00	0.61(2)	0.49(6)	0.47(6)	0.45(5)	0.42(1)	0.42(1)
			41.50	0.61(2)	0.49(6)	0.48(6)	0.45(5)	0.43(1)	0.42(1)
			83.00	0.62(2)	0.50(6)	0.48(6)	0.45(5)	0.43(1)	0.42(1)
76	Fondazione	11-12	0.00	0.62(2)	0.50(6)	0.48(6)	0.45(5)	0.43(1)	0.42(1)
			41.50	0.62(2)	0.51(6)	0.49(6)	0.46(5)	0.43(1)	0.43(1)
			83.00	0.62(2)	0.51(6)	0.49(6)	0.46(5)	0.44(1)	0.43(1)
77	Fondazione	12-13	0.00	0.62(2)	0.51(6)	0.49(6)	0.46(5)	0.44(1)	0.43(1)
			45.63	0.63(2)	0.51(6)	0.49(6)	0.46(5)	0.44(1)	0.43(1)
			91.25	0.63(2)	0.50(6)	0.48(6)	0.46(5)	0.44(1)	0.43(1)
78	Fondazione	12-13	0.00	0.63(2)	0.50(10)	0.48(10)	0.46(5)	0.44(1)	0.43(1)
			45.63	0.63(2)	0.49(10)	0.48(10)	0.46(5)	0.44(1)	0.43(1)
			91.25	0.63(2)	0.48(10)	0.47(10)	0.47(5)	0.44(1)	0.43(1)
79	Fondazione	12-13	0.00	0.63(2)	0.48(11)	0.47(11)	0.47(1)	0.44(1)	0.43(1)
			45.63	0.64(2)	0.47(11)	0.47(11)	0.47(1)	0.44(1)	0.44(1)

			91.25	0.64(2)	0.48(11)	0.47(11)	0.47(1)	0.45(1)	0.44(1)
80	Fondazione	12-13	0.00	0.64(2)	0.48(11)	0.47(11)	0.47(1)	0.45(1)	0.44(1)
			45.63	0.65(2)	0.50(11)	0.49(11)	0.48(1)	0.45(1)	0.45(1)
			91.25	0.65(2)	0.51(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
81	Fondazione	12-17	0.00	0.62(2)	0.51(6)	0.49(6)	0.46(5)	0.44(1)	0.43(1)
			38.13	0.63(2)	0.51(6)	0.49(6)	0.46(5)	0.44(1)	0.43(1)
			76.26	0.63(2)	0.51(6)	0.50(6)	0.46(5)	0.44(1)	0.43(1)
82	Fondazione	12-17	0.00	0.63(2)	0.51(6)	0.50(6)	0.46(5)	0.44(1)	0.43(1)
			38.13	0.63(2)	0.51(6)	0.50(6)	0.46(5)	0.44(1)	0.43(1)
			76.26	0.63(2)	0.52(6)	0.50(6)	0.47(5)	0.44(1)	0.44(1)
83	Fondazione	12-17	0.00	0.63(2)	0.52(6)	0.50(6)	0.47(5)	0.44(1)	0.44(1)
			38.13	0.64(2)	0.52(6)	0.50(6)	0.47(5)	0.45(1)	0.44(1)
			76.26	0.64(2)	0.52(6)	0.50(6)	0.47(5)	0.45(1)	0.44(1)
84	Fondazione	12-17	0.00	0.64(2)	0.52(8)	0.50(8)	0.47(5)	0.45(1)	0.44(1)
			38.13	0.65(2)	0.52(8)	0.51(8)	0.48(5)	0.45(1)	0.45(1)
			76.26	0.65(2)	0.52(8)	0.51(8)	0.48(5)	0.46(1)	0.45(1)
85	Fondazione	13-14	0.00	0.65(2)	0.51(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
			45.63	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
			91.25	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
86	Fondazione	13-14	0.00	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
			45.63	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.44(1)
			91.25	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.44(1)
87	Fondazione	13-14	0.00	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.44(1)
			45.63	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
			91.25	0.65(2)	0.52(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
88	Fondazione	13-14	0.00	0.65(2)	0.52(17)	0.50(17)	0.48(1)	0.45(1)	0.45(1)
			45.63	0.65(2)	0.52(17)	0.50(17)	0.48(1)	0.46(1)	0.45(1)
			91.25	0.65(2)	0.51(17)	0.50(17)	0.48(1)	0.45(1)	0.45(1)
89	Fondazione	13-20	0.00	0.65(2)	0.51(11)	0.50(11)	0.48(1)	0.45(1)	0.45(1)
			43.57	0.65(2)	0.51(11)	0.49(11)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.65(2)	0.50(11)	0.49(11)	0.48(1)	0.45(1)	0.44(1)
90	Fondazione	13-20	0.00	0.65(2)	0.50(11)	0.49(11)	0.48(1)	0.45(1)	0.44(1)
			43.57	0.64(2)	0.50(11)	0.48(11)	0.47(1)	0.45(1)	0.44(1)
			87.14	0.63(2)	0.49(11)	0.48(11)	0.47(1)	0.44(1)	0.44(1)
91	Fondazione	13-20	0.00	0.63(2)	0.49(10)	0.48(10)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.63(2)	0.49(10)	0.47(10)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.49(10)	0.47(10)	0.46(1)	0.44(1)	0.43(1)
92	Fondazione	13-20	0.00	0.63(2)	0.49(10)	0.47(10)	0.46(1)	0.44(1)	0.43(1)
			43.57	0.63(2)	0.49(10)	0.48(10)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.64(2)	0.50(10)	0.48(10)	0.47(1)	0.45(1)	0.44(1)
93	Fondazione	13-20	0.00	0.64(2)	0.50(10)	0.48(10)	0.47(1)	0.45(1)	0.44(1)
			43.57	0.65(2)	0.51(10)	0.49(10)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.66(2)	0.53(10)	0.51(10)	0.48(1)	0.46(1)	0.45(1)
94	Fondazione	13-20	0.00	0.66(2)	0.53(12)	0.51(12)	0.48(1)	0.46(1)	0.45(1)
			43.57	0.67(2)	0.54(12)	0.52(12)	0.50(1)	0.47(1)	0.46(1)
			87.14	0.69(2)	0.56(12)	0.54(12)	0.51(1)	0.48(1)	0.47(1)
95	Fondazione	13-20	0.00	0.69(2)	0.56(12)	0.54(12)	0.51(1)	0.48(1)	0.47(1)
			43.57	0.70(2)	0.58(12)	0.55(12)	0.51(1)	0.49(1)	0.48(1)
			87.14	0.70(2)	0.58(12)	0.56(12)	0.52(1)	0.49(1)	0.48(1)
96	Fondazione	14-15	0.00	0.65(2)	0.51(14)	0.50(14)	0.48(5)	0.45(1)	0.45(1)
			49.00	0.64(2)	0.50(14)	0.49(14)	0.47(5)	0.45(1)	0.44(1)
			98.00	0.64(2)	0.50(14)	0.48(14)	0.47(5)	0.45(1)	0.44(1)
97	Fondazione	14-15	0.00	0.64(2)	0.50(6)	0.48(6)	0.47(5)	0.45(1)	0.44(1)
			49.00	0.63(2)	0.50(6)	0.49(6)	0.46(5)	0.44(1)	0.44(1)
			98.00	0.63(2)	0.51(6)	0.50(6)	0.47(5)	0.44(1)	0.44(1)
98	Fondazione	14-15	0.00	0.63(22)	0.51(6)	0.50(6)	0.47(5)	0.44(1)	0.44(1)
			49.00	0.64(22)	0.55(6)	0.52(6)	0.47(5)	0.45(1)	0.45(1)
			98.00	0.66(22)	0.59(6)	0.56(6)	0.49(5)	0.47(1)	0.46(1)
99	Fondazione	14-15	0.00	0.66(22)	0.59(6)	0.56(6)	0.49(21)	0.47(1)	0.46(1)
			49.00	0.70(22)	0.65(6)	0.61(6)	0.51(21)	0.49(1)	0.48(1)
			98.00	0.73(22)	0.72(6)	0.67(6)	0.54(21)	0.52(1)	0.51(1)
100	Fondazione	14-15	0.00	0.73(22)	0.72(6)	0.67(6)	0.54(21)	0.52(1)	0.51(1)
			49.00	0.78(22)	0.80(6)	0.74(6)	0.57(21)	0.55(1)	0.54(1)
			98.00	0.83(22)	0.88(6)	0.81(6)	0.61(21)	0.58(1)	0.57(1)
101	Fondazione	14-21	0.00	0.65(2)	0.51(17)	0.50(17)	0.48(1)	0.45(1)	0.45(1)
			43.57	0.65(2)	0.51(17)	0.50(17)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.64(2)	0.51(17)	0.49(17)	0.47(1)	0.45(1)	0.44(1)
102	Fondazione	14-21	0.00	0.64(2)	0.51(16)	0.49(16)	0.47(1)	0.45(1)	0.44(1)
			43.57	0.63(2)	0.50(16)	0.48(16)	0.47(1)	0.44(1)	0.44(1)
			87.14	0.63(2)	0.49(16)	0.48(16)	0.46(1)	0.44(1)	0.43(1)
103	Fondazione	14-21	0.00	0.63(2)	0.49(10)	0.48(10)	0.46(1)	0.44(1)	0.43(1)
			43.57	0.62(2)	0.49(10)	0.47(10)	0.46(1)	0.44(1)	0.43(1)

			87.14	0.62(2)	0.49(10)	0.47(10)	0.46(1)	0.43(1)	0.43(1)
104	Fondazione	14-21	0.00	0.62(2)	0.49(10)	0.47(10)	0.46(1)	0.43(1)	0.43(1)
			43.57	0.63(2)	0.49(10)	0.48(10)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.50(10)	0.48(10)	0.47(1)	0.44(1)	0.44(1)
105	Fondazione	14-21	0.00	0.63(2)	0.50(10)	0.48(10)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.65(2)	0.51(10)	0.49(10)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.66(2)	0.52(10)	0.51(10)	0.49(1)	0.46(1)	0.46(1)
106	Fondazione	14-21	0.00	0.66(2)	0.52(10)	0.51(10)	0.49(1)	0.46(1)	0.46(1)
			43.57	0.68(2)	0.54(10)	0.52(10)	0.50(1)	0.48(1)	0.47(1)
			87.14	0.70(2)	0.56(10)	0.54(10)	0.51(1)	0.49(1)	0.48(1)
107	Fondazione	14-21	0.00	0.70(2)	0.56(10)	0.54(10)	0.51(1)	0.49(1)	0.48(1)
			43.57	0.71(2)	0.57(10)	0.55(10)	0.53(1)	0.50(1)	0.49(1)
			87.14	0.72(2)	0.57(10)	0.56(10)	0.53(1)	0.50(1)	0.50(1)
108	Fondazione	15-22	0.00	0.83(22)	0.88(6)	0.81(6)	0.61(21)	0.58(1)	0.57(1)
			43.57	0.82(22)	0.87(6)	0.80(6)	0.60(21)	0.58(1)	0.57(1)
			87.14	0.82(22)	0.85(6)	0.78(6)	0.60(21)	0.57(1)	0.56(1)
109	Fondazione	15-22	0.00	0.82(22)	0.85(6)	0.78(6)	0.60(21)	0.57(1)	0.56(1)
			43.57	0.81(22)	0.83(6)	0.77(6)	0.59(21)	0.56(1)	0.56(1)
			87.14	0.80(22)	0.81(6)	0.75(6)	0.59(21)	0.56(1)	0.55(1)
110	Fondazione	15-22	0.00	0.80(22)	0.81(6)	0.75(6)	0.59(5)	0.56(1)	0.55(1)
			43.57	0.79(22)	0.80(6)	0.74(6)	0.58(5)	0.55(1)	0.55(1)
			87.14	0.79(22)	0.80(6)	0.74(6)	0.58(5)	0.55(1)	0.54(1)
111	Fondazione	15-22	0.00	0.79(22)	0.80(7)	0.74(7)	0.58(21)	0.55(1)	0.54(1)
			43.57	0.79(22)	0.80(7)	0.74(7)	0.58(21)	0.55(1)	0.54(1)
			87.14	0.79(22)	0.81(7)	0.75(7)	0.58(21)	0.55(1)	0.55(1)
112	Fondazione	15-22	0.00	0.79(22)	0.81(7)	0.75(7)	0.58(21)	0.55(1)	0.55(1)
			43.57	0.80(22)	0.83(7)	0.77(7)	0.58(21)	0.56(1)	0.55(1)
			87.14	0.81(22)	0.86(7)	0.79(7)	0.59(21)	0.56(1)	0.56(1)
113	Fondazione	15-22	0.00	0.81(22)	0.86(7)	0.79(7)	0.59(21)	0.56(1)	0.56(1)
			43.57	0.82(22)	0.89(7)	0.81(7)	0.60(21)	0.57(1)	0.56(1)
			87.14	0.83(22)	0.92(7)	0.84(7)	0.61(21)	0.58(1)	0.57(1)
114	Fondazione	15-22	0.00	0.83(7)	0.92(7)	0.84(7)	0.61(21)	0.58(1)	0.57(1)
			43.57	0.84(7)	0.94(7)	0.86(7)	0.62(21)	0.59(1)	0.58(1)
			87.14	0.86(7)	0.96(7)	0.87(7)	0.62(21)	0.59(1)	0.58(1)
115	Fondazione	16-17	0.00	2.09(2)	1.83(8)	1.73(8)	1.53(5)	1.45(1)	1.43(1)
			475.00	0.87(2)	0.66(8)	0.65(8)	0.64(5)	0.61(1)	0.60(1)
			950.00	0.65(2)	0.52(8)	0.51(8)	0.48(5)	0.46(1)	0.45(1)
116	Fondazione	16-18	0.00	2.09(3)	1.83(10)	1.73(10)	1.53(2)	1.45(1)	1.43(1)
			152.50	2.18(3)	1.87(10)	1.78(10)	1.59(2)	1.51(1)	1.49(1)
			305.00	2.24(3)	1.93(10)	1.83(10)	1.64(2)	1.56(1)	1.54(1)
117	Fondazione	17-19	0.00	0.65(2)	0.52(12)	0.51(12)	0.48(5)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.52(12)	0.51(12)	0.48(5)	0.46(1)	0.45(1)
			76.25	0.66(2)	0.52(12)	0.50(12)	0.48(5)	0.46(1)	0.45(1)
118	Fondazione	17-19	0.00	0.66(2)	0.52(12)	0.50(12)	0.48(5)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.51(12)	0.50(12)	0.48(5)	0.46(1)	0.45(1)
			76.25	0.66(2)	0.51(12)	0.50(12)	0.48(5)	0.46(1)	0.45(1)
119	Fondazione	17-19	0.00	0.66(2)	0.51(12)	0.50(12)	0.48(5)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.51(12)	0.49(12)	0.49(5)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.51(12)	0.50(12)	0.49(5)	0.46(1)	0.46(1)
120	Fondazione	17-19	0.00	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.67(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.67(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)
121	Fondazione	18-19	0.00	2.24(2)	1.93(8)	1.83(8)	1.64(1)	1.56(1)	1.54(1)
			475.00	0.91(2)	0.68(8)	0.67(8)	0.67(1)	0.64(1)	0.63(1)
			950.00	0.67(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)
122	Fondazione	18-23	0.00	2.24(3)	1.93(10)	1.83(10)	1.64(2)	1.56(1)	1.54(1)
			152.50	2.27(3)	1.96(10)	1.87(10)	1.66(2)	1.58(1)	1.56(1)
			305.00	2.29(3) *	1.99(10)	1.90(10)	1.67(2) *	1.59(1) *	1.57(1) *
123	Fondazione	19-20	0.00	0.67(2)	0.51(9)	0.50(9)	0.49(1)	0.47(1)	0.46(1)
			45.00	0.67(2)	0.51(9)	0.50(9)	0.50(1)	0.47(1)	0.47(1)
			90.00	0.68(2)	0.52(9)	0.51(9)	0.50(1)	0.47(1)	0.47(1)
124	Fondazione	19-20	0.00	0.68(2)	0.52(13)	0.51(13)	0.50(1)	0.47(1)	0.47(1)
			45.00	0.68(2)	0.53(13)	0.51(13)	0.50(1)	0.48(1)	0.47(1)
			90.00	0.69(2)	0.54(13)	0.52(13)	0.50(1)	0.48(1)	0.47(1)
125	Fondazione	19-20	0.00	0.69(2)	0.54(13)	0.52(13)	0.50(1)	0.48(1)	0.47(1)
			45.00	0.69(2)	0.55(13)	0.53(13)	0.51(1)	0.48(1)	0.48(1)
			90.00	0.70(2)	0.56(13)	0.54(13)	0.51(1)	0.49(1)	0.48(1)
126	Fondazione	19-20	0.00	0.70(2)	0.56(12)	0.54(12)	0.51(1)	0.49(1)	0.48(1)
			45.00	0.70(2)	0.57(12)	0.55(12)	0.52(1)	0.49(1)	0.48(1)
			90.00	0.70(2)	0.58(12)	0.56(12)	0.52(1)	0.49(1)	0.48(1)
127	Fondazione	19-24	0.00	0.67(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)
			38.13	0.67(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)

			76.25	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)
128	Fondazione	19-24	0.00	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.47(1)	0.46(1)
			38.13	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
129	Fondazione	19-24	0.00	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.51(8)	0.50(8)	0.48(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
130	Fondazione	19-24	0.00	0.66(2)	0.51(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.52(8)	0.50(8)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
131	Fondazione	20-21	0.00	0.70(2)	0.58(12)	0.56(12)	0.52(1)	0.49(1)	0.48(1)
			45.63	0.70(2)	0.59(12)	0.56(12)	0.52(1)	0.49(1)	0.48(1)
			91.25	0.70(2)	0.59(12)	0.57(12)	0.52(1)	0.49(1)	0.48(1)
132	Fondazione	20-21	0.00	0.70(2)	0.59(12)	0.57(12)	0.52(1)	0.49(1)	0.48(1)
			45.63	0.70(2)	0.59(12)	0.57(12)	0.51(1)	0.49(1)	0.48(1)
			91.25	0.70(2)	0.60(12)	0.57(12)	0.51(1)	0.49(1)	0.48(1)
133	Fondazione	20-21	0.00	0.70(2)	0.60(12)	0.57(12)	0.51(1)	0.49(1)	0.48(1)
			45.63	0.70(2)	0.60(12)	0.57(12)	0.52(1)	0.49(1)	0.48(1)
			91.25	0.71(2)	0.59(12)	0.57(12)	0.52(1)	0.50(1)	0.49(1)
134	Fondazione	20-21	0.00	0.71(2)	0.59(10)	0.57(10)	0.52(1)	0.50(1)	0.49(1)
			45.63	0.72(2)	0.59(10)	0.57(10)	0.53(1)	0.50(1)	0.49(1)
			91.25	0.72(2)	0.57(10)	0.56(10)	0.53(1)	0.50(1)	0.50(1)
135	Fondazione	20-47	0.00	0.70(2)	0.58(12)	0.56(12)	0.52(1)	0.49(1)	0.48(1)
			38.14	0.70(2)	0.58(12)	0.56(12)	0.52(1)	0.49(1)	0.48(1)
			76.27	0.70(2)	0.58(12)	0.56(12)	0.51(1)	0.49(1)	0.48(1)
136	Fondazione	20-47	0.00	0.70(2)	0.58(12)	0.56(12)	0.51(1)	0.49(1)	0.48(1)
			38.14	0.69(2)	0.57(12)	0.55(12)	0.51(1)	0.48(1)	0.47(1)
			76.27	0.68(2)	0.57(12)	0.54(12)	0.50(1)	0.47(1)	0.47(1)
137	Fondazione	20-47	0.00	0.68(2)	0.57(12)	0.54(12)	0.50(1)	0.47(1)	0.47(1)
			38.14	0.67(2)	0.56(12)	0.54(12)	0.49(1)	0.47(1)	0.46(1)
			76.27	0.66(2)	0.56(12)	0.53(12)	0.49(1)	0.47(1)	0.46(1)
138	Fondazione	20-47	0.00	0.66(2)	0.56(12)	0.53(12)	0.49(1)	0.47(1)	0.46(1)
			38.14	0.66(2)	0.56(12)	0.53(12)	0.49(1)	0.46(1)	0.46(1)
			76.27	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
139	Fondazione	21-22	0.00	0.72(2)	0.57(6)	0.56(2)	0.53(1)	0.50(1)	0.50(1)
			41.25	0.72(2)	0.55(6)	0.54(2)	0.53(1)	0.51(1)	0.50(1)
			82.50	0.72(2)	0.53(6)	0.53(2)	0.53(1)	0.51(1)	0.50(1)
140	Fondazione	21-22	0.00	0.72(2)	0.53(7)	0.53(7)	0.53(5)	0.51(1)	0.50(1)
			41.25	0.72(2)	0.55(7)	0.54(7)	0.53(5)	0.51(1)	0.50(1)
			82.50	0.72(2)	0.58(7)	0.56(7)	0.53(5)	0.51(1)	0.50(1)
141	Fondazione	21-22	0.00	0.72(22)	0.58(7)	0.56(7)	0.53(5)	0.51(1)	0.50(1)
			40.63	0.72(22)	0.61(7)	0.58(7)	0.53(5)	0.51(1)	0.50(1)
			81.25	0.73(22)	0.64(7)	0.61(7)	0.53(5)	0.51(1)	0.50(1)
142	Fondazione	21-22	0.00	0.73(22)	0.64(7)	0.61(7)	0.53(5)	0.51(1)	0.50(1)
			40.63	0.74(22)	0.67(7)	0.63(7)	0.54(5)	0.52(1)	0.51(1)
			81.25	0.75(22)	0.72(7)	0.67(7)	0.55(5)	0.52(1)	0.52(1)
143	Fondazione	21-22	0.00	0.75(22)	0.72(7)	0.67(7)	0.55(21)	0.52(1)	0.52(1)
			40.63	0.77(22)	0.76(7)	0.71(7)	0.56(21)	0.54(1)	0.53(1)
			81.25	0.79(22)	0.82(7)	0.76(7)	0.58(21)	0.55(1)	0.55(1)
144	Fondazione	21-22	0.00	0.79(7)	0.82(7)	0.76(7)	0.58(21)	0.55(1)	0.55(1)
			40.63	0.82(7)	0.89(7)	0.81(7)	0.60(21)	0.57(1)	0.56(1)
			81.25	0.86(7)	0.96(7)	0.87(7)	0.62(21)	0.59(1)	0.58(1)
145	Fondazione	21-48	0.00	0.72(2)	0.57(12)	0.56(12)	0.53(1)	0.50(1)	0.50(1)
			38.14	0.72(2)	0.57(12)	0.55(12)	0.53(1)	0.50(1)	0.49(1)
			76.27	0.71(2)	0.56(12)	0.55(12)	0.52(1)	0.50(1)	0.49(1)
146	Fondazione	21-48	0.00	0.71(2)	0.56(12)	0.55(12)	0.52(1)	0.50(1)	0.49(1)
			38.14	0.70(2)	0.55(12)	0.54(12)	0.51(1)	0.49(1)	0.48(1)
			76.27	0.69(2)	0.54(12)	0.53(12)	0.51(1)	0.48(1)	0.47(1)
147	Fondazione	21-48	0.00	0.69(2)	0.54(12)	0.53(12)	0.51(1)	0.48(1)	0.47(1)
			38.14	0.68(2)	0.53(12)	0.52(12)	0.50(1)	0.47(1)	0.47(1)
			76.27	0.67(2)	0.53(12)	0.51(12)	0.49(1)	0.47(1)	0.46(1)
148	Fondazione	21-48	0.00	0.67(2)	0.53(20)	0.51(20)	0.49(1)	0.47(1)	0.46(1)
			38.14	0.67(2)	0.52(20)	0.51(20)	0.49(1)	0.47(1)	0.46(1)
			76.27	0.67(2)	0.53(20)	0.51(20)	0.49(1)	0.47(1)	0.46(1)
149	Fondazione	22-31	0.00	0.86(7)	0.96(9)	0.87(9)	0.62(21)	0.59(1)	0.58(1)
			43.57	0.86(7)	0.96(9)	0.87(9)	0.62(21)	0.59(1)	0.58(1)
			87.14	0.86(7)	0.96(9)	0.87(9)	0.61(21)	0.58(1)	0.57(1)
150	Fondazione	22-31	0.00	0.86(9)	0.96(9)	0.87(9)	0.61(5)	0.58(1)	0.57(1)
			43.57	0.85(9)	0.95(9)	0.86(9)	0.60(5)	0.57(1)	0.57(1)
			87.14	0.85(9)	0.95(9)	0.86(9)	0.60(5)	0.57(1)	0.56(1)
151	Fondazione	22-31	0.00	0.85(9)	0.95(9)	0.86(9)	0.60(5)	0.57(1)	0.56(1)
			43.57	0.85(9)	0.95(9)	0.86(9)	0.59(5)	0.56(1)	0.55(1)

			87.14	0.85(9)	0.95(9)	0.86(9)	0.58(5)	0.56(1)	0.55(1)
152	Fondazione	22-31	0.00	0.85(9)	0.95(9)	0.86(9)	0.58(5)	0.56(1)	0.55(1)
			43.57	0.85(9)	0.96(9)	0.87(9)	0.58(5)	0.55(1)	0.55(1)
			87.14	0.87(9)	0.98(9)	0.88(9)	0.58(5)	0.55(1)	0.55(1)
153	Fondazione	22-31	0.00	0.87(9)	0.98(9)	0.88(9)	0.58(5)	0.55(1)	0.55(1)
			43.57	0.88(9)	1.00(9)	0.90(9)	0.59(5)	0.56(1)	0.55(1)
			87.14	0.90(9)	1.02(9)	0.92(9)	0.60(5)	0.56(1)	0.56(1)
154	Fondazione	22-31	0.00	0.90(9)	1.02(9)	0.92(9)	0.60(5)	0.56(1)	0.56(1)
			43.57	0.92(9)	1.05(9)	0.94(9)	0.60(5)	0.57(1)	0.56(1)
			87.14	0.94(9)	1.07(9)	0.96(9)	0.61(5)	0.58(1)	0.57(1)
155	Fondazione	22-31	0.00	0.94(9)	1.07(9)	0.96(9)	0.61(5)	0.58(1)	0.57(1)
			43.57	0.96(9)	1.09(9)	0.97(9)	0.61(5)	0.58(1)	0.57(1)
			87.14	0.96(9)	1.09(9)	0.98(9)	0.62(5)	0.58(1)	0.58(1)
156	Fondazione	23-24	0.00	2.29(2) *	1.99(8)	1.90(8)	1.67(1) *	1.59(1) *	1.57(1) *
			475.00	0.92(2)	0.69(8)	0.68(8)	0.68(1)	0.65(1)	0.64(1)
			950.00	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
157	Fondazione	23-25	0.00	2.29(3) *	1.99(10)	1.90(10)	1.67(2) *	1.59(1) *	1.57(1) *
			152.50	2.27(3)	1.99(10)	1.89(10)	1.66(2)	1.58(1)	1.55(1)
			305.00	2.23(3)	1.99(10)	1.89(10)	1.63(2)	1.55(1)	1.53(1)
158	Fondazione	24-26	0.00	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
159	Fondazione	24-26	0.00	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
160	Fondazione	24-26	0.00	0.66(2)	0.52(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.53(8)	0.51(8)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.67(2)	0.53(8)	0.51(8)	0.49(1)	0.47(1)	0.46(1)
161	Fondazione	24-26	0.00	0.67(2)	0.53(8)	0.51(8)	0.49(1)	0.47(1)	0.46(1)
			38.13	0.67(2)	0.53(8)	0.52(8)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.67(2)	0.53(8)	0.52(8)	0.50(1)	0.47(1)	0.46(1)
162	Fondazione	24-47	0.00	0.66(2)	0.52(9)	0.51(9)	0.49(1)	0.46(1)	0.46(1)
			44.06	0.67(2)	0.52(9)	0.51(9)	0.49(1)	0.47(1)	0.46(1)
			88.13	0.67(2)	0.53(9)	0.51(9)	0.49(1)	0.47(1)	0.46(1)
163	Fondazione	24-47	0.00	0.67(2)	0.53(13)	0.51(13)	0.49(1)	0.47(1)	0.46(1)
			44.06	0.67(2)	0.53(13)	0.51(13)	0.49(1)	0.47(1)	0.46(1)
			88.13	0.67(2)	0.54(13)	0.52(13)	0.49(1)	0.47(1)	0.46(1)
164	Fondazione	24-47	0.00	0.67(2)	0.54(12)	0.52(12)	0.49(1)	0.47(1)	0.46(1)
			44.06	0.66(2)	0.54(12)	0.52(12)	0.49(1)	0.47(1)	0.46(1)
			88.13	0.66(2)	0.55(12)	0.53(12)	0.49(1)	0.46(1)	0.46(1)
165	Fondazione	24-47	0.00	0.66(2)	0.55(12)	0.53(12)	0.49(1)	0.46(1)	0.46(1)
			44.06	0.66(2)	0.55(12)	0.53(12)	0.49(1)	0.46(1)	0.46(1)
			88.13	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
166	Fondazione	25-26	0.00	2.23(2)	1.99(8)	1.89(8)	1.63(1)	1.55(1)	1.53(1)
			475.00	0.90(2)	0.67(8)	0.67(8)	0.67(1)	0.64(1)	0.63(1)
			950.00	0.67(2)	0.53(8)	0.52(8)	0.50(1)	0.47(1)	0.46(1)
167	Fondazione	25-34	0.00	2.23(3)	1.99(10)	1.89(10)	1.63(2)	1.55(1)	1.53(1)
			157.50	2.15(3)	1.95(10)	1.84(10)	1.57(2)	1.50(1)	1.48(1)
			315.00	2.03(3)	1.89(10)	1.78(10)	1.49(2)	1.42(1)	1.40(1)
168	Fondazione	26-27	0.00	0.67(2)	0.53(8)	0.52(8)	0.50(1)	0.47(1)	0.46(1)
			46.88	0.68(2)	0.54(8)	0.53(8)	0.50(1)	0.48(1)	0.47(1)
			93.75	0.69(2)	0.56(8)	0.54(8)	0.51(1)	0.48(1)	0.48(1)
169	Fondazione	26-27	0.00	0.69(2)	0.56(12)	0.54(12)	0.51(1)	0.48(1)	0.48(1)
			46.88	0.70(2)	0.57(12)	0.55(12)	0.52(1)	0.49(1)	0.48(1)
			93.75	0.71(2)	0.59(12)	0.57(12)	0.52(1)	0.50(1)	0.49(1)
170	Fondazione	26-27	0.00	0.71(2)	0.59(12)	0.57(12)	0.52(1)	0.50(1)	0.49(1)
			46.88	0.73(2)	0.62(12)	0.59(12)	0.53(1)	0.51(1)	0.50(1)
			93.75	0.74(2)	0.64(12)	0.61(12)	0.54(1)	0.52(1)	0.51(1)
171	Fondazione	26-27	0.00	0.74(2)	0.64(12)	0.61(12)	0.54(1)	0.52(1)	0.51(1)
			46.88	0.76(2)	0.66(12)	0.63(12)	0.56(1)	0.53(1)	0.52(1)
			93.75	0.77(2)	0.68(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
172	Fondazione	26-35	0.00	0.67(2)	0.53(8)	0.52(8)	0.50(1)	0.47(1)	0.46(1)
			39.38	0.67(2)	0.53(8)	0.52(8)	0.50(1)	0.47(1)	0.47(1)
			78.75	0.67(2)	0.53(8)	0.51(8)	0.50(1)	0.47(1)	0.47(1)
173	Fondazione	26-35	0.00	0.67(2)	0.53(9)	0.51(9)	0.50(1)	0.47(1)	0.47(1)
			39.38	0.67(2)	0.52(9)	0.51(9)	0.50(1)	0.47(1)	0.47(1)
			78.75	0.68(2)	0.52(9)	0.51(9)	0.50(1)	0.47(1)	0.47(1)
174	Fondazione	26-35	0.00	0.68(2)	0.52(7)	0.51(7)	0.50(5)	0.47(1)	0.47(1)
			39.38	0.68(2)	0.52(7)	0.51(7)	0.50(5)	0.48(1)	0.47(1)
			78.75	0.69(2)	0.53(7)	0.52(7)	0.51(5)	0.48(1)	0.48(1)
175	Fondazione	26-35	0.00	0.69(2)	0.53(7)	0.52(7)	0.51(5)	0.48(1)	0.48(1)
			39.38	0.70(2)	0.55(7)	0.53(7)	0.51(5)	0.49(1)	0.48(1)

			78.75	0.70(2)	0.57(7)	0.55(7)	0.52(5)	0.50(1)	0.49(1)
176	Fondazione	27-28	0.00	0.77(2)	0.68(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
			35.00	0.78(2)	0.68(12)	0.65(12)	0.57(1)	0.54(1)	0.53(1)
			70.00	0.78(2)	0.68(12)	0.65(12)	0.58(1)	0.55(1)	0.54(1)
177	Fondazione	27-28	0.00	0.78(2)	0.68(12)	0.65(12)	0.58(1)	0.55(1)	0.54(1)
			35.00	0.79(2)	0.68(12)	0.65(12)	0.58(1)	0.55(1)	0.54(1)
			70.00	0.79(2)	0.68(12)	0.65(12)	0.58(1)	0.55(1)	0.54(1)
178	Fondazione	27-36	0.00	0.77(2)	0.68(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.68(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.77(2)	0.67(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
179	Fondazione	27-36	0.00	0.77(2)	0.67(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.66(12)	0.63(12)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.77(2)	0.65(12)	0.62(12)	0.57(1)	0.54(1)	0.53(1)
180	Fondazione	27-36	0.00	0.77(2)	0.65(10)	0.62(10)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.64(10)	0.61(10)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.77(2)	0.63(10)	0.61(10)	0.57(1)	0.54(1)	0.53(1)
181	Fondazione	27-36	0.00	0.77(2)	0.63(10)	0.61(10)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.63(10)	0.61(10)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.78(2)	0.63(10)	0.61(10)	0.58(1)	0.55(1)	0.54(1)
182	Fondazione	27-36	0.00	0.78(3)	0.63(16)	0.61(16)	0.58(2)	0.55(1)	0.54(1)
			42.01	0.79(3)	0.64(16)	0.62(16)	0.58(2)	0.56(1)	0.55(1)
			84.02	0.80(3)	0.67(16)	0.64(16)	0.59(2)	0.57(1)	0.56(1)
183	Fondazione	47-27	0.00	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
			38.23	0.67(2)	0.57(12)	0.54(12)	0.49(1)	0.47(1)	0.46(1)
			76.46	0.68(2)	0.58(12)	0.55(12)	0.50(1)	0.47(1)	0.47(1)
184	Fondazione	47-27	0.00	0.68(2)	0.58(12)	0.55(12)	0.50(1)	0.47(1)	0.47(1)
			38.23	0.69(2)	0.60(12)	0.57(12)	0.51(1)	0.48(1)	0.48(1)
			76.46	0.71(2)	0.62(12)	0.59(12)	0.52(1)	0.49(1)	0.49(1)
185	Fondazione	47-27	0.00	0.71(2)	0.62(12)	0.59(12)	0.52(1)	0.49(1)	0.49(1)
			38.23	0.72(2)	0.63(12)	0.60(12)	0.53(1)	0.51(1)	0.50(1)
			76.46	0.74(2)	0.65(12)	0.62(12)	0.55(1)	0.52(1)	0.51(1)
186	Fondazione	47-27	0.00	0.74(2)	0.65(12)	0.62(12)	0.55(1)	0.52(1)	0.51(1)
			38.23	0.76(2)	0.67(12)	0.63(12)	0.56(1)	0.53(1)	0.52(1)
			76.46	0.77(2)	0.68(12)	0.64(12)	0.57(1)	0.54(1)	0.53(1)
187	Fondazione	28-29	0.00	0.79(2)	0.68(12)	0.65(12)	0.58(1)	0.55(1)	0.54(1)
			48.75	0.79(2)	0.67(12)	0.64(12)	0.58(1)	0.55(1)	0.54(1)
			97.50	0.79(2)	0.65(12)	0.62(12)	0.58(1)	0.55(1)	0.54(1)
188	Fondazione	28-29	0.00	0.79(2)	0.65(20)	0.62(20)	0.58(1)	0.55(1)	0.54(1)
			48.75	0.78(2)	0.64(20)	0.61(20)	0.57(1)	0.54(1)	0.53(1)
			97.50	0.78(2)	0.63(20)	0.60(20)	0.57(1)	0.54(1)	0.53(1)
189	Fondazione	29-30	0.00	0.78(2)	0.63(21)	0.60(21)	0.57(1)	0.54(1)	0.53(1)
			35.00	0.77(2)	0.62(21)	0.60(21)	0.57(1)	0.54(1)	0.53(1)
			70.00	0.77(2)	0.62(21)	0.59(21)	0.56(1)	0.53(1)	0.53(1)
190	Fondazione	29-30	0.00	0.77(2)	0.62(19)	0.59(19)	0.56(5)	0.53(1)	0.53(1)
			35.00	0.76(2)	0.62(19)	0.60(19)	0.56(5)	0.53(1)	0.52(1)
			70.00	0.76(2)	0.62(19)	0.60(19)	0.56(5)	0.53(1)	0.52(1)
191	Fondazione	29-30	0.00	0.76(2)	0.62(9)	0.60(9)	0.56(5)	0.53(1)	0.52(1)
			35.00	0.76(2)	0.64(9)	0.61(9)	0.56(5)	0.53(1)	0.52(1)
			70.00	0.76(2)	0.66(9)	0.63(9)	0.56(5)	0.53(1)	0.52(1)
192	Fondazione	29-33	0.00	0.78(2)	0.63(20)	0.60(20)	0.57(1)	0.54(1)	0.53(1)
			35.09	0.78(2)	0.62(20)	0.60(20)	0.57(1)	0.54(1)	0.53(1)
			70.18	0.78(2)	0.61(20)	0.59(20)	0.57(1)	0.54(1)	0.54(1)
193	Fondazione	29-33	0.00	0.78(2)	0.61(21)	0.59(2)	0.57(1)	0.54(1)	0.54(1)
			35.09	0.78(2)	0.59(21)	0.58(2)	0.57(1)	0.54(1)	0.53(1)
			70.18	0.77(2)	0.58(21)	0.57(2)	0.57(1)	0.54(1)	0.53(1)
194	Fondazione	29-33	0.00	0.77(2)	0.58(2)	0.57(2)	0.57(5)	0.54(1)	0.53(1)
			35.09	0.77(2)	0.57(2)	0.57(2)	0.57(5)	0.54(1)	0.53(1)
			70.18	0.77(2)	0.57(2)	0.57(2)	0.57(5)	0.54(1)	0.53(1)
195	Fondazione	48-29	0.00	0.67(2)	0.53(20)	0.51(20)	0.49(1)	0.47(1)	0.46(1)
			38.23	0.67(2)	0.54(20)	0.52(20)	0.49(1)	0.47(1)	0.46(1)
			76.46	0.68(2)	0.55(20)	0.53(20)	0.50(1)	0.48(1)	0.47(1)
196	Fondazione	48-29	0.00	0.68(2)	0.55(20)	0.53(20)	0.50(1)	0.48(1)	0.47(1)
			38.23	0.70(2)	0.57(20)	0.55(20)	0.51(1)	0.49(1)	0.48(1)
			76.46	0.71(2)	0.59(20)	0.56(20)	0.52(1)	0.50(1)	0.49(1)
197	Fondazione	48-29	0.00	0.71(2)	0.59(20)	0.56(20)	0.52(1)	0.50(1)	0.49(1)
			38.23	0.73(2)	0.60(20)	0.58(20)	0.54(1)	0.51(1)	0.50(1)
			76.46	0.75(2)	0.62(20)	0.59(20)	0.55(1)	0.52(1)	0.51(1)
198	Fondazione	48-29	0.00	0.75(2)	0.62(20)	0.59(20)	0.55(1)	0.52(1)	0.51(1)
			38.23	0.76(2)	0.63(20)	0.60(20)	0.56(1)	0.53(1)	0.52(1)
			76.46	0.78(2)	0.63(20)	0.60(20)	0.57(1)	0.54(1)	0.53(1)
199	Fondazione	30-31	0.00	0.76(22)	0.66(9)	0.63(9)	0.56(5)	0.53(1)	0.52(1)
			49.17	0.76(22)	0.71(9)	0.67(9)	0.56(5)	0.53(1)	0.52(1)

			98.33	0.76(22)	0.76(9)	0.71(9)	0.56(5)	0.53(1)	0.52(1)
200	Fondazione	30-31	0.00	0.76(9)	0.76(9)	0.71(9)	0.56(5)	0.53(1)	0.52(1)
			49.17	0.77(9)	0.83(9)	0.76(9)	0.57(5)	0.54(1)	0.53(1)
			98.33	0.82(9)	0.90(9)	0.82(9)	0.58(5)	0.55(1)	0.54(1)
201	Fondazione	30-31	0.00	0.82(9)	0.90(9)	0.82(9)	0.58(5)	0.55(1)	0.54(1)
			49.17	0.89(9)	0.99(9)	0.90(9)	0.60(5)	0.57(1)	0.56(1)
			98.33	0.96(9)	1.09(9)	0.98(9)	0.62(5)	0.58(1)	0.58(1)
202	Fondazione	30-43	0.00	0.76(2)	0.66(9)	0.63(9)	0.56(5)	0.53(1)	0.52(1)
			45.00	0.75(2)	0.65(9)	0.62(9)	0.55(5)	0.52(1)	0.52(1)
			90.00	0.74(2)	0.64(9)	0.61(9)	0.55(5)	0.52(1)	0.51(1)
203	Fondazione	30-43	0.00	0.74(22)	0.64(9)	0.61(9)	0.55(5)	0.52(1)	0.51(1)
			45.00	0.73(22)	0.63(9)	0.60(9)	0.54(5)	0.51(1)	0.50(1)
			90.00	0.72(22)	0.62(9)	0.60(9)	0.53(5)	0.51(1)	0.50(1)
204	Fondazione	30-43	0.00	0.72(22)	0.62(7)	0.60(7)	0.53(5)	0.51(1)	0.50(1)
			45.00	0.72(22)	0.63(7)	0.60(7)	0.53(5)	0.50(1)	0.50(1)
			90.00	0.72(22)	0.64(7)	0.61(7)	0.53(5)	0.51(1)	0.50(1)
205	Fondazione	30-43	0.00	0.72(22)	0.64(7)	0.61(7)	0.53(21)	0.51(1)	0.50(1)
			45.00	0.73(22)	0.67(7)	0.63(7)	0.54(21)	0.51(1)	0.51(1)
			90.00	0.75(22)	0.70(7)	0.66(7)	0.55(21)	0.53(1)	0.52(1)
206	Fondazione	30-43	0.00	0.75(3)	0.70(7)	0.66(7)	0.55(21)	0.53(1)	0.52(1)
			45.00	0.78(3)	0.74(7)	0.70(7)	0.57(21)	0.55(1)	0.54(1)
			90.00	0.82(3)	0.80(7)	0.74(7)	0.60(21)	0.57(1)	0.56(1)
207	Fondazione	30-43	0.00	0.82(3)	0.80(7)	0.74(7)	0.60(21)	0.57(1)	0.56(1)
			45.00	0.86(3)	0.86(7)	0.80(7)	0.64(21)	0.60(1)	0.59(1)
			90.00	0.92(3)	0.93(7)	0.86(7)	0.68(21)	0.64(1)	0.63(1)
208	Fondazione	30-43	0.00	0.92(3)	0.93(15)	0.86(15)	0.68(21)	0.64(4)	0.63(1)
			45.00	0.98(3)	1.02(15)	0.94(15)	0.72(21)	0.68(4)	0.67(1)
			90.00	1.04(3)	1.12(15)	1.02(15)	0.77(21)	0.72(4)	0.71(1)
209	Fondazione	31-44	0.00	0.96(9)	1.09(9)	0.98(9)	0.62(5)	0.58(1)	0.58(1)
			45.00	0.96(9)	1.09(9)	0.98(9)	0.61(5)	0.58(1)	0.57(1)
			90.00	0.95(9)	1.08(9)	0.97(9)	0.60(5)	0.57(1)	0.56(1)
210	Fondazione	31-44	0.00	0.95(9)	1.08(9)	0.97(9)	0.60(21)	0.57(1)	0.56(1)
			45.00	0.94(9)	1.07(9)	0.96(9)	0.59(21)	0.56(1)	0.56(1)
			90.00	0.93(9)	1.07(9)	0.95(9)	0.59(21)	0.56(1)	0.55(1)
211	Fondazione	31-44	0.00	0.93(7)	1.07(7)	0.95(7)	0.59(21)	0.56(1)	0.55(1)
			45.00	0.94(7)	1.07(7)	0.96(7)	0.58(21)	0.55(1)	0.55(1)
			90.00	0.95(7)	1.10(7)	0.98(7)	0.59(21)	0.55(1)	0.55(1)
212	Fondazione	31-44	0.00	0.95(7)	1.10(7)	0.98(7)	0.59(21)	0.55(1)	0.55(1)
			45.00	0.98(7)	1.13(7)	1.01(7)	0.60(21)	0.56(1)	0.56(1)
			90.00	1.02(7)	1.19(7)	1.06(7)	0.61(21)	0.58(1)	0.57(1)
213	Fondazione	31-44	0.00	1.02(7)	1.19(7)	1.06(7)	0.61(21)	0.58(4)	0.57(1)
			45.00	1.08(7)	1.26(7)	1.12(7)	0.64(21)	0.60(4)	0.59(1)
			90.00	1.15(7)	1.35(7)	1.19(7)	0.67(21)	0.63(4)	0.62(1)
214	Fondazione	31-44	0.00	1.15(7)	1.35(7)	1.19(7)	0.67(21)	0.63(4)	0.62(1)
			45.00	1.23(7)	1.46(7)	1.28(7)	0.71(21)	0.66(4)	0.65(1)
			90.00	1.33(7)	1.57(7)	1.38(7)	0.75(21)	0.70(4)	0.69(1)
215	Fondazione	31-44	0.00	1.33(7)	1.57(7)	1.38(7)	0.75(21)	0.70(4)	0.69(1)
			45.00	1.43(7)	1.69(7)	1.49(7)	0.80(21)	0.75(4)	0.73(1)
			90.00	1.53(7)	1.82(7)	1.60(7)	0.85(21)	0.80(4)	0.78(1)
216	Fondazione	32-33	0.00	0.79(2)	0.64(12)	0.62(12)	0.58(1)	0.55(1)	0.55(1)
			35.00	0.79(2)	0.62(12)	0.60(12)	0.58(1)	0.55(1)	0.54(1)
			70.00	0.79(2)	0.61(12)	0.59(12)	0.58(1)	0.55(1)	0.54(1)
217	Fondazione	32-33	0.00	0.79(2)	0.61(12)	0.59(2)	0.58(1)	0.55(1)	0.54(1)
			35.00	0.78(2)	0.59(12)	0.58(2)	0.58(1)	0.55(1)	0.54(1)
			70.00	0.78(2)	0.57(12)	0.57(2)	0.57(1)	0.55(1)	0.54(1)
218	Fondazione	32-33	0.00	0.78(2)	0.57(2)	0.57(2)	0.57(5)	0.55(1)	0.54(1)
			35.00	0.77(2)	0.57(2)	0.57(2)	0.57(5)	0.54(1)	0.53(1)
			70.00	0.77(2)	0.57(2)	0.57(2)	0.57(5)	0.54(1)	0.53(1)
219	Fondazione	32-37	0.00	0.79(2)	0.64(10)	0.62(10)	0.58(1)	0.55(1)	0.55(1)
			35.00	0.79(2)	0.63(10)	0.61(10)	0.58(1)	0.56(1)	0.55(1)
			70.00	0.79(2)	0.63(10)	0.61(10)	0.59(1)	0.56(1)	0.55(1)
220	Fondazione	32-37	0.00	0.79(2)	0.63(16)	0.61(16)	0.59(1)	0.56(1)	0.55(1)
			35.00	0.80(2)	0.63(16)	0.61(16)	0.59(1)	0.56(1)	0.55(1)
			70.00	0.80(2)	0.65(16)	0.62(16)	0.59(1)	0.57(1)	0.56(1)
221	Fondazione	32-37	0.00	0.80(3)	0.65(16)	0.62(16)	0.59(21)	0.57(1)	0.56(1)
			35.00	0.81(3)	0.67(16)	0.65(16)	0.60(21)	0.57(1)	0.56(1)
			70.00	0.82(3)	0.70(16)	0.67(16)	0.60(21)	0.58(1)	0.57(1)
222	Fondazione	33-38	0.00	0.77(2)	0.57(15)	0.57(15)	0.57(5)	0.54(1)	0.53(1)
			35.00	0.77(2)	0.57(15)	0.57(15)	0.57(5)	0.54(1)	0.53(1)
			70.00	0.77(2)	0.58(15)	0.57(15)	0.57(5)	0.54(1)	0.53(1)
223	Fondazione	33-38	0.00	0.77(3)	0.58(15)	0.57(15)	0.57(21)	0.54(1)	0.53(1)
			35.00	0.77(3)	0.61(15)	0.59(15)	0.57(21)	0.54(1)	0.54(1)

			70.00	0.78(3)	0.64(15)	0.62(15)	0.58(21)	0.55(1)	0.54(1)
224	Fondazione	33-38	0.00	0.78(3)	0.64(15)	0.62(15)	0.58(21)	0.55(1)	0.54(1)
			35.00	0.80(3)	0.67(15)	0.64(15)	0.59(21)	0.56(1)	0.55(1)
			70.00	0.82(3)	0.71(15)	0.68(15)	0.60(21)	0.57(1)	0.56(1)
225	Fondazione	34-35	0.00	2.03(2)	1.89(7)	1.78(7)	1.49(5)	1.42(1)	1.40(1)
			475.00	0.87(2)	0.69(7)	0.67(7)	0.64(5)	0.61(1)	0.61(1)
			950.00	0.70(2)	0.57(7)	0.55(7)	0.52(5)	0.50(1)	0.49(1)
226	Fondazione	34-39	0.00	2.03(3)	1.89(10)	1.78(10)	1.49(2)	1.42(1)	1.40(1)
			157.50	1.85(3)	1.76(10)	1.65(10)	1.36(2)	1.29(1)	1.28(1)
			315.00	1.62(3)	1.56(10)	1.46(10)	1.19(2)	1.13(1)	1.12(1)
227	Fondazione	35-40	0.00	0.70(7)	0.57(7)	0.55(7)	0.52(21)	0.50(1)	0.49(1)
			165.30	0.76(7)	0.72(7)	0.67(7)	0.56(21)	0.54(1)	0.53(1)
			330.61	0.86(7)	0.96(7)	0.88(7)	0.63(21)	0.60(1)	0.59(1)
228	Fondazione	36-37	0.00	0.80(3)	0.67(16)	0.64(16)	0.59(2)	0.57(1)	0.56(1)
			37.50	0.81(3)	0.68(16)	0.65(16)	0.60(2)	0.57(1)	0.56(1)
			75.00	0.82(3)	0.69(16)	0.66(16)	0.60(2)	0.57(1)	0.57(1)
229	Fondazione	36-37	0.00	0.82(3)	0.69(16)	0.66(16)	0.60(21)	0.57(1)	0.57(1)
			37.50	0.82(3)	0.70(16)	0.67(16)	0.60(21)	0.58(1)	0.57(1)
			75.00	0.82(3)	0.70(16)	0.67(16)	0.60(21)	0.58(1)	0.57(1)
230	Fondazione	36-41	0.00	0.80(3)	0.67(14)	0.64(14)	0.59(21)	0.57(1)	0.56(1)
			35.09	0.82(3)	0.70(14)	0.67(14)	0.60(21)	0.58(1)	0.57(1)
			70.18	0.83(3)	0.74(14)	0.70(14)	0.62(21)	0.59(1)	0.58(1)
231	Fondazione	36-41	0.00	0.83(3)	0.74(15)	0.70(15)	0.62(21)	0.59(1)	0.58(1)
			35.09	0.85(3)	0.78(15)	0.73(15)	0.63(21)	0.60(1)	0.59(1)
			70.18	0.87(3)	0.83(15)	0.78(15)	0.65(21)	0.61(1)	0.60(1)
232	Fondazione	36-41	0.00	0.87(3)	0.83(15)	0.78(15)	0.65(21)	0.61(1)	0.60(1)
			35.09	0.90(3)	0.89(15)	0.82(15)	0.66(21)	0.63(1)	0.62(1)
			70.18	0.92(3)	0.95(15)	0.87(15)	0.68(21)	0.65(1)	0.64(1)
233	Fondazione	37-38	0.00	0.82(3)	0.70(14)	0.67(14)	0.60(21)	0.58(1)	0.57(1)
			35.00	0.82(3)	0.71(14)	0.67(14)	0.61(21)	0.58(1)	0.57(1)
			70.00	0.82(3)	0.71(14)	0.67(14)	0.60(21)	0.58(1)	0.57(1)
234	Fondazione	37-38	0.00	0.82(3)	0.71(14)	0.67(14)	0.60(21)	0.58(1)	0.57(1)
			35.00	0.82(3)	0.71(14)	0.67(14)	0.60(21)	0.58(1)	0.57(1)
			70.00	0.82(3)	0.71(14)	0.67(14)	0.60(21)	0.57(1)	0.57(1)
235	Fondazione	37-38	0.00	0.82(3)	0.71(15)	0.67(15)	0.60(21)	0.57(1)	0.57(1)
			35.00	0.82(3)	0.71(15)	0.67(15)	0.60(21)	0.57(1)	0.57(1)
			70.00	0.82(3)	0.71(15)	0.68(15)	0.60(21)	0.57(1)	0.56(1)
236	Fondazione	38-42	0.00	0.82(3)	0.71(14)	0.68(14)	0.60(21)	0.57(1)	0.56(1)
			35.09	0.84(3)	0.76(14)	0.71(14)	0.62(21)	0.59(1)	0.58(1)
			70.18	0.86(3)	0.80(14)	0.75(14)	0.64(21)	0.60(1)	0.60(1)
237	Fondazione	38-42	0.00	0.86(3)	0.80(14)	0.75(14)	0.64(21)	0.60(1)	0.60(1)
			35.09	0.89(3)	0.85(14)	0.79(14)	0.66(21)	0.62(1)	0.62(1)
			70.18	0.93(3)	0.90(14)	0.84(14)	0.68(21)	0.65(1)	0.64(1)
238	Fondazione	38-42	0.00	0.93(3)	0.90(14)	0.84(14)	0.68(21)	0.65(1)	0.64(1)
			35.09	0.97(3)	0.96(14)	0.89(14)	0.71(21)	0.67(1)	0.66(1)
			70.18	1.00(3)	1.02(14)	0.94(14)	0.74(21)	0.70(1)	0.69(1)
239	Fondazione	39-45	0.00	1.62(3)	1.56(16)	1.46(16)	1.19(2)	1.13(4)	1.12(1)
			180.62	1.27(3)	1.24(16)	1.15(16)	0.93(2)	0.88(4)	0.87(1)
			361.25	1.00(3)	1.06(16)	0.97(16)	0.73(2)	0.70(4)	0.68(1)
240	Fondazione	39-49	0.00	1.62(10)	1.56(10)	1.46(10)	1.19(1)	1.13(1)	1.12(1)
			375.07	0.86(10)	0.95(10)	0.88(10)	0.63(1)	0.61(1)	0.60(1)
			750.15	0.74(10)	0.83(10)	0.76(10)	0.53(1)	0.51(1)	0.50(1)
241	Fondazione	40-41	0.00	0.86(3)	0.96(15)	0.88(15)	0.63(21)	0.60(1)	0.59(1)
			180.16	0.90(3)	1.00(15)	0.91(15)	0.66(21)	0.62(1)	0.61(1)
			360.31	0.92(3)	0.95(15)	0.87(15)	0.68(21)	0.65(1)	0.64(1)
242	Fondazione	49-40	0.00	0.74(2)	0.83(10)	0.76(10)	0.53(1)	0.51(1)	0.50(1)
			36.67	0.74(2)	0.78(10)	0.72(10)	0.55(1)	0.53(1)	0.52(1)
			73.33	0.77(2)	0.71(10)	0.67(10)	0.57(1)	0.54(1)	0.54(1)
243	Fondazione	49-40	0.00	0.77(22)	0.71(7)	0.67(7)	0.57(21)	0.54(1)	0.54(1)
			36.67	0.79(22)	0.69(7)	0.65(7)	0.58(21)	0.56(1)	0.55(1)
			73.33	0.81(22)	0.75(7)	0.71(7)	0.60(21)	0.57(1)	0.57(1)
244	Fondazione	49-40	0.00	0.81(7)	0.75(7)	0.71(7)	0.60(21)	0.57(1)	0.57(1)
			36.67	0.83(7)	0.87(7)	0.80(7)	0.62(21)	0.59(1)	0.58(1)
			73.33	0.86(7)	0.96(7)	0.88(7)	0.63(21)	0.60(1)	0.59(1)
245	Fondazione	41-42	0.00	0.92(3)	0.95(14)	0.87(14)	0.68(21)	0.65(1)	0.64(1)
			41.25	0.93(3)	0.96(14)	0.88(14)	0.69(21)	0.65(1)	0.64(1)
			82.50	0.94(3)	0.96(14)	0.89(14)	0.69(21)	0.66(1)	0.65(1)
246	Fondazione	41-42	0.00	0.94(3)	0.96(14)	0.89(14)	0.69(21)	0.66(1)	0.65(1)
			41.25	0.95(3)	0.97(14)	0.89(14)	0.70(21)	0.66(1)	0.65(1)
			82.50	0.96(3)	0.98(14)	0.90(14)	0.71(21)	0.67(1)	0.66(1)
247	Fondazione	41-42	0.00	0.96(3)	0.98(14)	0.90(14)	0.71(21)	0.67(1)	0.66(1)
			41.25	0.97(3)	0.99(14)	0.91(14)	0.71(21)	0.67(1)	0.66(1)

			82.50	0.98(3)	1.00(14)	0.92(14)	0.72(21)	0.68(1)	0.67(1)
248	Fondazione	41-42	0.00	0.98(3)	1.00(14)	0.92(14)	0.72(21)	0.68(1)	0.67(1)
			41.25	0.99(3)	1.01(14)	0.93(14)	0.73(21)	0.69(1)	0.68(1)
			82.50	1.00(3)	1.02(14)	0.94(14)	0.74(21)	0.70(1)	0.69(1)
249	Fondazione	42-43	0.00	1.00(3)	1.02(15)	0.94(15)	0.74(21)	0.70(1)	0.69(1)
			35.00	1.01(3)	1.03(15)	0.95(15)	0.74(21)	0.70(1)	0.69(1)
			70.00	1.02(3)	1.05(15)	0.96(15)	0.75(21)	0.71(1)	0.69(1)
250	Fondazione	42-43	0.00	1.02(3)	1.05(15)	0.96(15)	0.75(21)	0.71(4)	0.69(1)
			35.00	1.02(3)	1.06(15)	0.97(15)	0.75(21)	0.71(4)	0.70(1)
			70.00	1.03(3)	1.08(15)	0.99(15)	0.76(21)	0.71(4)	0.70(1)
251	Fondazione	42-43	0.00	1.03(3)	1.08(15)	0.99(15)	0.76(21)	0.71(4)	0.70(1)
			35.00	1.04(3)	1.10(15)	1.00(15)	0.77(21)	0.72(4)	0.71(1)
			70.00	1.04(3)	1.12(15)	1.02(15)	0.77(21)	0.72(4)	0.71(1)
252	Fondazione	43-44	0.00	1.04(7)	1.12(7)	1.02(7)	0.77(21)	0.72(4)	0.71(1)
			49.17	1.05(7)	1.18(7)	1.07(7)	0.78(21)	0.73(4)	0.72(1)
			98.33	1.13(7)	1.27(7)	1.15(7)	0.79(21)	0.74(4)	0.73(1)
253	Fondazione	43-44	0.00	1.13(7)	1.27(7)	1.15(7)	0.79(21)	0.74(4)	0.73(1)
			49.17	1.21(7)	1.39(7)	1.24(7)	0.80(21)	0.75(4)	0.73(1)
			98.33	1.30(7)	1.52(7)	1.35(7)	0.82(21)	0.76(4)	0.75(1)
254	Fondazione	43-44	0.00	1.30(7)	1.52(7)	1.35(7)	0.82(21)	0.76(4)	0.75(1)
			49.17	1.41(7)	1.66(7)	1.47(7)	0.83(21)	0.78(4)	0.76(1)
			98.33	1.53(7)	1.82(7)	1.60(7)	0.85(21)	0.80(4)	0.78(1)
255	Fondazione	45-46	0.00	1.00(3)	1.06(16)	0.97(16)	0.73(2)	0.70(4)	0.68(1)
			45.17	0.91(3)	0.96(16)	0.88(16)	0.67(2)	0.64(4)	0.62(1)
			90.33	0.83(3)	0.87(16)	0.79(16)	0.61(2)	0.58(4)	0.56(1)
256	Fondazione	45-46	0.00	0.83(3)	0.87(17)	0.79(17)	0.61(2)	0.58(4)	0.56(1)
			45.17	0.75(3)	0.79(17)	0.72(17)	0.55(2)	0.53(4)	0.52(1)
			90.33	0.69(3)	0.71(17)	0.65(17)	0.51(2)	0.48(4)	0.47(1)
257	Fondazione	45-46	0.00	0.69(3)	0.71(17)	0.65(17)	0.51(2)	0.48(4)	0.47(1)
			45.17	0.64(3)	0.65(17)	0.60(17)	0.47(2)	0.45(4)	0.44(1)
			90.33	0.59(3)	0.61(17)	0.56(17)	0.44(2)	0.42(4)	0.41(1)
258	Fondazione	45-46	0.00	0.59(3)	0.61(17)	0.56(17)	0.44(2)	0.42(1)	0.41(1)
			45.17	0.56(3)	0.57(17)	0.53(17)	0.42(2)	0.40(1)	0.39(1)
			90.33	0.55(3)	0.55(17)	0.51(17)	0.40(2)	0.39(1)	0.38(1)
259	Fondazione	45-46	0.00	0.55(3)	0.55(17)	0.51(17)	0.40(2)	0.39(1)	0.38(1)
			45.17	0.54(3)	0.55(17)	0.51(17)	0.40(2)	0.39(1)	0.38(1)
			90.33	0.55(3)	0.56(17)	0.52(17)	0.41(2)	0.39(1)	0.39(1)
260	Fondazione	45-46	0.00	0.55(3)	0.56(15)	0.52(15)	0.41(21)	0.39(1)	0.39(1)
			45.17	0.57(3)	0.59(15)	0.54(15)	0.42(21)	0.41(1)	0.40(1)
			90.33	0.60(3)	0.63(15)	0.58(15)	0.44(21)	0.43(1)	0.42(1)
261	Fondazione	45-46	0.00	0.60(3)	0.63(15)	0.58(15)	0.44(21)	0.43(1)	0.42(1)
			45.17	0.64(3)	0.68(15)	0.62(15)	0.47(21)	0.45(1)	0.45(1)
			90.33	0.69(3)	0.74(15)	0.68(15)	0.51(21)	0.49(1)	0.48(1)
262	Fondazione	45-46	0.00	0.69(15)	0.74(15)	0.68(15)	0.51(21)	0.49(1)	0.48(1)
			45.17	0.75(15)	0.81(15)	0.74(15)	0.55(21)	0.53(1)	0.52(1)
			90.33	0.81(15)	0.89(15)	0.81(15)	0.60(21)	0.57(1)	0.56(1)
263	Fondazione	45-46	0.00	0.81(7)	0.89(7)	0.81(7)	0.60(21)	0.57(4)	0.56(1)
			45.17	0.89(7)	0.98(7)	0.89(7)	0.65(21)	0.62(4)	0.61(1)
			90.33	0.99(7)	1.07(7)	0.98(7)	0.70(21)	0.66(4)	0.66(1)
264	Fondazione	46-49	0.00	0.99(3)	1.07(15)	0.98(15)	0.70(21)	0.66(1)	0.66(1)
			44.66	0.91(3)	0.98(15)	0.90(15)	0.67(21)	0.64(1)	0.63(1)
			89.33	0.87(3)	0.90(15)	0.83(15)	0.65(21)	0.62(1)	0.61(1)
265	Fondazione	46-49	0.00	0.87(3)	0.90(16)	0.83(16)	0.65(2)	0.62(1)	0.61(1)
			44.66	0.84(3)	0.82(16)	0.76(16)	0.62(2)	0.59(1)	0.59(1)
			89.33	0.81(3)	0.78(16)	0.73(16)	0.60(2)	0.57(1)	0.57(1)
266	Fondazione	46-49	0.00	0.81(2)	0.78(10)	0.73(10)	0.60(1)	0.57(1)	0.57(1)
			44.66	0.78(2)	0.76(10)	0.71(10)	0.58(1)	0.56(1)	0.55(1)
			89.33	0.76(2)	0.77(10)	0.72(10)	0.56(1)	0.54(1)	0.53(1)
267	Fondazione	46-49	0.00	0.76(10)	0.77(10)	0.72(10)	0.56(1)	0.54(1)	0.53(1)
			44.66	0.74(10)	0.80(10)	0.74(10)	0.55(1)	0.52(1)	0.52(1)
			89.33	0.74(10)	0.83(10)	0.76(10)	0.53(1)	0.51(1)	0.50(1)
268	Fondazione	47-48	0.00	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
			95.00	0.66(2)	0.57(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
269	Fondazione	47-48	0.00	0.66(2)	0.57(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
			95.00	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
270	Fondazione	47-48	0.00	0.66(2)	0.56(12)	0.54(12)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.66(2)	0.55(12)	0.53(12)	0.49(1)	0.46(1)	0.46(1)
			95.00	0.66(2)	0.55(12)	0.52(12)	0.49(1)	0.46(1)	0.46(1)
271	Fondazione	47-48	0.00	0.66(2)	0.55(20)	0.52(20)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.67(2)	0.53(20)	0.52(20)	0.49(1)	0.47(1)	0.46(1)

			95.00	0.67(2)	0.53(20)	0.51(20)	0.49(1)	0.47(1)	0.46(1)

Tabella 1.II

Tensioni Terreno						
		SLV	SLD	SLO	SLE	
		A1	A1		Caratt.	Freq.
Piastra	Fili	σt [daN/cm²]	σt [daN/cm²]	σt [daN/cm²]	σt [daN/cm²]	σt [daN/cm²]
1	45, 46, 49, 44, 6, 1	1.81(8)	2.19(8) *	1.90(8) *	0.85(21)	0.80(5)

* valore massimo.

4.2 Verifiche Nodi.

4.2.1 Verifiche SLV - Gerarchia delle resistenze

Nodo : numerazione interna del nodo;
Imp. : impalcato al quale appartiene il nodo considerato;
Filo : filo fisso al quale appartiene il nodo considerato;
Dati Gerarchia : dati di sovraresistenza pilastri-travi intorno all'asse considerato;
: $\Sigma M_{C,rd}$ sommatoria momenti resistenti dei pilastri;
: $\Sigma M_{B,rd}$ sommatoria momenti resistenti delle travi;
: γ_R coefficiente di sovraresistenza;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 2.I

				Dati Gerarchia						
				Dir. X			Dir. Y			
Nodo	Imp.	Filo		$\Sigma M_{C,rd}$	$\Sigma M_{B,rd}$	γ_R	$\Sigma M_{C,rd}$	$\Sigma M_{B,rd}$	γ_R	Esito
1	Piano 1	1	V-	3958207	-2462112	1.61	11926949	-1251384	9.53	V
			V+	-3958210	2059983	1.92	-11926950	1251385	9.53	V
2	Piano 1	2	V-	2617266	-547776	4.78	5321748	-2502768	2.13	V
			V+	-2617268	547776	4.78	-5321749	2502768	2.13	V
3	Piano 1	3	V-	2573257	-547948	4.70	5269096	-2502768	2.11	V
			V+	-2573258	425185	6.05	-5269096	2502768	2.11	V
4	Piano 1	4	V-	3989307	-2452127	1.63	6175606	-1251385	4.94	V
			V+	-3989307	1970534	2.02	-6175607	1251384	4.94	V
5	Piano 1	5	V-	5239305	-3687172	1.42	15126064	---	>1.30	V
			V+	-5239307	2477536	2.11	-15126064	---	>1.30	V
6	Piano 1	6	V-	4506844	-3083774	1.46	13333247	---	>1.30	V
			V+	-4506847	2477438	1.82	-13333246	---	>1.30	V
7	Piano 1	7	V-	5236865	-3310939	1.58	15121458	-1251384	12.08	V
			V+	-5236868	2906995	1.80	-15121458	1251385	12.08	V
8	Piano 1	8	V-	3281701	-2080813	1.58	6286381	-2502679	2.51	V
			V+	-3281702	2080813	1.58	-6286382	2906625	2.16	V
9	Piano 1	9	V-	3514022	-2080131	1.69	6715896	-1271895	5.28	V
			V+	-3514024	1676241	2.10	-6715896	1278515	5.25	V
10	Piano 1	10	V-	5243123	-3712299	1.41	15134452	-1251384	12.09	V
			V+	-5243126	2906887	1.80	-15134452	1251385	12.09	V
11	Piano 1	11	V-	2683806	-1655700	1.62	5401347	-2502768	2.16	V
			V+	-2683807	1655699	1.62	-5401347	2502768	2.16	V
12	Piano 1	12	V-	4405148	-2900619	1.52	10555058	-1811937	5.83	V
			V+	-4405149	2901430	1.52	-10555058	1778884	5.93	V
13	Piano 1	13	V-	5964575	-3940906	1.51	7613423	-1676497	4.54	V
			V+	-5964576	4422497	1.35	-7613424	1676498	4.54	V
14	Piano 1	14	V-	7080175	-4320243	1.64	19026676	-2502768	7.60	V
			V+	-7080176	5049920	1.40	-19026674	2502768	7.60	V
15	Piano 1	15	V-	6824079	-4320243	1.58	18541736	-1251385	14.82	V
			V+	-6824081	5049920	1.35	-18541736	1251384	14.82	V
16	Piano 1	16	V-	4403220	-3311399	1.33	12835376	---	>1.30	V
			V+	-4403222	3311399	1.33	-12835376	---	>1.30	V
17	Piano 1	17	V-	4463645	-2903854	1.54	12957090	-81876	158.25	V
			V+	-4463647	2902988	1.54	-12957090	108308	119.63	V
18	Piano 1	18	V-	4440417	-3311399	1.34	12910276	---	>1.30	V
			V+	-4440419	3311399	1.34	-12910276	---	>1.30	V
19	Piano 1	19	V-	4606513	-2906535	1.58	13242259	-425113	31.15	V

			V+	-4606515	2906535	1.58	-13242259	425114	31.15	V
20	Piano 1	20	V-	5525309	-3940146	1.40	8317900	-2128791	3.91	V
			V+	-5525310	3940146	1.40	-8317900	1724846	4.82	V
21	Piano 1	21	V-	6693888	-4901339	1.37	18577044	-2955066	6.29	V
			V+	-6693890	4422096	1.51	-18577044	2574749	7.22	V
22	Piano 1	22	V-	6256015	-4422661	1.41	20410172	-1655241	12.33	V
			V+	-6256018	4422660	1.41	-20410172	1251295	16.31	V
23	Piano 1	23	V-	4419426	-3311399	1.33	12868056	---	>1.30	V
			V+	-4419428	3311399	1.33	-12868055	---	>1.30	V
24	Piano 1	24	V-	4527036	-2906535	1.56	13084012	---	>1.30	V
			V+	-4527038	2906535	1.56	-13084012	---	>1.30	V
25	Piano 1	25	V-	4433229	-3311399	1.34	12895730	---	>1.30	V
			V+	-4433231	3311399	1.34	-12895730	---	>1.30	V
26	Piano 1	26	V-	4609311	-2906535	1.59	13247770	-425113	31.16	V
			V+	-4609313	2906535	1.59	-13247768	425114	31.16	V
27	Piano 1	27	V-	4622713	-3220804	1.44	8629302	-1844323	4.68	V
			V+	-4622714	3220806	1.44	-8629302	1844322	4.68	V
28	Piano 1	28	V-	2955287	-1251384	2.36	3797820	-2356365	1.61	V
			V+	-2955287	1251385	2.36	-3797820	2356365	1.61	V
29	Piano 1	29	V-	4946060	-3217978	1.54	8914318	-2404358	3.71	V
			V+	-4946061	3217981	1.54	-8914318	2404358	3.71	V
30	Piano 1	30	V-	3711092	-2452127	1.51	6969140	-2906625	2.40	V
			V+	-3711093	1970534	1.88	-6969140	2502679	2.78	V
31	Piano 1	31	V-	6069936	-4422661	1.37	17618776	-2058729	8.56	V
			V+	-6069939	4422661	1.37	-17618776	1655827	10.64	V
32	Piano 1	32	V-	4999512	-2502768	2.00	4999512	-1251384	4.00	V
			V+	-4999512	2502768	2.00	-4999512	1251385	4.00	V
33	Piano 1	33	V-	4983427	-2499588	1.99	4983427	-1340542	3.72	V
			V+	-4983427	2499588	1.99	-4983427	1340541	3.72	V
34	Piano 1	34	V-	4366990	-3311399	1.32	12762388	---	>1.30	V
			V+	-4366992	3311399	1.32	-12762388	---	>1.30	V
35	Piano 1	35	V-	4382374	-2903504	1.51	12793494	-100134	127.76	V
			V+	-4382376	2904244	1.51	-12793494	75697	169.01	V
36	Piano 1	36	V-	3849165	-2500997	1.54	4297249	-1104688	3.89	V
			V+	-3849165	2500997	1.54	-4297248	1104688	3.89	V
37	Piano 1	37	V-	2953381	-1251385	2.36	2953381	-2266763	1.30	V
			V+	-2953381	1251384	2.36	-2953381	2266764	1.30	V
38	Piano 1	38	V-	2503394	-1251385	2.00	2503394	-1251385	2.00	V
			V+	-2503394	1251384	2.00	-2503394	1251384	2.00	V
39	Piano 1	39	V-	4918839	-2708740	1.82	14180381	-2142629	6.62	V
			V+	-4918841	3427749	1.44	-14180381	1766823	8.03	V
40	Piano 1	41	V-	3795426	-2180136	1.74	8476602	-5089452	1.67	V
			V+	-3795427	1777724	2.13	-8476602	4667390	1.82	V
41	Piano 1	42	V-	2490107	---	>1.30	5169644	-3311528	1.56	V
			V+	-2490109	---	>1.30	-5169644	3714428	1.39	V
42	Piano 1	43	V-	3561905	-1970534	1.81	6777559	-3311399	2.05	V
			V+	-3561906	2452127	1.45	-6777559	3311399	2.05	V
43	Piano 1	44	V-	3705478	-1970534	1.88	11404014	-2059607	5.54	V
			V+	-3705481	2452127	1.51	-11404014	2059606	5.54	V
44	Piano 1	45	V-	2382242	-1336451	1.78	5040928	-2098910	2.40	V
			V+	-2382217	1659608	1.44	-5040928	1479429	3.41	V
45	Piano 1	46	V-	2538264	-1258429	2.02	5551453	-1804376	3.08	V
			V+	-2538265	1258429	2.02	-5551439	2450786	2.27	V
46	Piano 1	50	V-	2358136	---	>1.30	5012255	-2502768	2.00	V
			V+	-2358138	---	>1.30	-5012241	2502768	2.00	V
47	Piano 2	1	V-	3940806	-1665360	2.37	11891109	-1655240	7.18	V
			V+	-3940809	1341083	2.94	-11891109	1251296	9.50	V
48	Piano 2	2	V-	2446983	-425113	5.76	5118217	-2906535	1.76	V
			V+	-2446984	425114	5.76	-5118203	2906535	1.76	V
49	Piano 2	3	V-	2423524	-425113	5.70	5090230	-2906535	1.75	V
			V+	-2423526	425114	5.70	-5090230	2906535	1.75	V
50	Piano 2	4	V-	3425336	-1970372	1.74	5364240	-2502768	2.14	V
			V+	-3425337	1970370	1.74	-5364240	2502768	2.14	V
51	Piano 2	5	V-	4702049	-1970372	2.39	13739796	-2906625	4.73	V
			V+	-4702052	1970370	2.39	-13739795	2502679	5.49	V
52	Piano 2	6	V-	4009239	-2452127	1.64	12032130	-1251385	9.62	V
			V+	-4009242	1970534	2.03	-12032131	1251384	9.62	V
53	Piano 2	7	V-	4549744	-2355921	1.93	13424812	-1655240	8.11	V
			V+	-4549703	2030631	2.24	-13424810	1251296	10.73	V
54	Piano 2	8	V-	3099375	-1676497	1.85	6067144	-2906535	2.09	V
			V+	-3099377	1676498	1.85	-6067145	2906535	2.09	V
55	Piano 2	9	V-	2911555	-1440356	2.02	5831780	-1267939	4.60	V

			V+	-2911557	1440357	2.02	-5831781	1671883	3.49	V
56	Piano 2	10	V-	4558038	-2681082	1.70	13442088	-1251384	10.74	V
			V+	-4558040	2030504	2.24	-13442088	1251385	10.74	V
57	Piano 2	11	V-	2568848	-1251385	2.05	5263813	-2906535	1.81	V
			V+	-2568850	1251384	2.05	-5263813	2906535	1.81	V
58	Piano 2	12	V-	3975084	-2028446	1.96	7571820	-1759492	4.30	V
			V+	-3975085	2028446	1.96	-7571820	2163436	3.50	V
59	Piano 2	13	V-	5685259	-3940742	1.44	7519316	-1676497	4.49	V
			V+	-5685260	3940742	1.44	-7519316	1676498	4.49	V
60	Piano 2	14	V-	6630647	-4422661	1.50	18468648	-2906535	6.35	V
			V+	-6630649	4422661	1.50	-18468648	2906535	6.35	V
61	Piano 2	15	V-	6407216	-4422661	1.45	18033664	-1655241	10.89	V
			V+	-6407217	4422661	1.45	-18033664	1251295	14.41	V
62	Piano 2	16	V-	4200262	-2681527	1.57	12423198	-2452127	5.07	V
			V+	-4200264	2356238	1.78	-12423198	1970534	6.30	V
63	Piano 2	17	V-	4262883	-2353745	1.81	12550568	-2037005	6.16	V
			V+	-4262885	2028455	2.10	-12550568	2998130	4.19	V
64	Piano 2	18	V-	4218392	-2681971	1.57	12460134	-2452127	5.08	V
			V+	-4218395	2681971	1.57	-12460134	1970534	6.32	V
65	Piano 2	19	V-	4351404	-2030631	2.14	12729509	-2395679	5.31	V
			V+	-4351406	2355921	1.85	-12729509	3356804	3.79	V
66	Piano 2	20	V-	5532333	-3940146	1.40	7441091	-2128791	3.50	V
			V+	-5532335	3940146	1.40	-7441091	1724846	4.31	V
67	Piano 2	21	V-	6458647	-4421920	1.46	18231488	-2955066	6.17	V
			V+	-6458612	4422066	1.46	-18231490	2562960	7.11	V
68	Piano 2	22	V-	6099657	-4422661	1.38	20114912	-2056600	9.78	V
			V+	-6099660	4422661	1.38	-20114908	1251187	16.08	V
69	Piano 2	23	V-	4204158	-2681971	1.57	12431143	-2931691	4.24	V
			V+	-4204160	2681971	1.57	-12431143	1970566	6.31	V
70	Piano 2	24	V-	4303277	-2355793	1.83	12632406	-1970566	6.41	V
			V+	-4303280	2355793	1.83	-12632407	2931691	4.31	V
71	Piano 2	25	V-	4212397	-2681971	1.57	12447927	-3079386	4.04	V
			V+	-4212400	2681971	1.57	-12447927	1868116	6.66	V
72	Piano 2	26	V-	4348512	-2030631	2.14	12723709	-2293230	5.55	V
			V+	-4348514	2355921	1.85	-12723709	3504500	3.63	V
73	Piano 2	27	V-	4552008	-3220804	1.41	8567660	-1518716	5.64	V
			V+	-4552010	3220806	1.41	-8567660	1518717	5.64	V
74	Piano 2	28	V-	2888172	-1251384	2.31	3746252	-2030759	1.84	V
			V+	-2888172	1251385	2.31	-3746252	2030759	1.84	V
75	Piano 2	29	V-	4735851	-3217978	1.47	8728634	-2729519	3.20	V
			V+	-4735852	3217981	1.47	-8728634	2404231	3.63	V
76	Piano 2	30	V-	3540795	-1970372	1.80	6750322	-2906625	2.32	V
			V+	-3540797	1970370	1.80	-6750322	2502679	2.70	V
77	Piano 2	31	V-	5994194	-4422661	1.36	17492252	-2058729	8.50	V
			V+	-5994196	4422661	1.36	-17492252	1655827	10.56	V
78	Piano 2	32	V-	4986649	-2502768	1.99	4986649	-1251384	3.98	V
			V+	-4986648	2502768	1.99	-4986649	1251385	3.98	V
79	Piano 2	33	V-	4982007	-2499588	1.99	4982007	-1340542	3.72	V
			V+	-4982007	2499588	1.99	-4982008	1340541	3.72	V
80	Piano 2	34	V-	4171831	-2030504	2.05	12365214	-3676556	3.36	V
			V+	-4171834	2681082	1.56	-12365213	1868035	6.62	V
81	Piano 2	35	V-	4235995	-2028772	2.09	12496175	-1929460	6.48	V
			V+	-4235998	2354061	1.80	-12496176	3737982	3.34	V
82	Piano 2	36	V-	3857765	-2500997	1.54	4300826	-1104688	3.89	V
			V+	-3857766	2500997	1.54	-4300826	1104688	3.89	V
83	Piano 2	37	V-	3961852	-1251385	3.17	3961852	-2266763	1.75	V
			V+	-3961852	1251384	3.17	-3961852	2266764	1.75	V
84	Piano 2	38	V-	2587093	-1251385	2.07	2587093	-1251385	2.07	V
			V+	-2587093	1251384	2.07	-2587093	1251384	2.07	V
85	Piano 2	39	V-	4659032	-2085619	2.23	13651235	-3015417	4.53	V
			V+	-4659035	2715855	1.72	-13651235	2081498	6.56	V
86	Piano 2	41	V-	3774533	-1777289	2.12	7657137	-5070260	1.51	V
			V+	-3774535	1373800	2.75	-7657137	4648148	1.65	V
87	Piano 2	42	V-	2415513	---	>1.30	5080620	-3311528	1.53	V
			V+	-2415515	---	>1.30	-5080621	3714428	1.37	V
88	Piano 2	43	V-	3152119	-1970370	1.60	6445580	-3714428	1.74	V
			V+	-3152121	1970372	1.60	-6445580	3311527	1.95	V
89	Piano 2	44	V-	3764925	-1970370	1.91	11527223	-2059607	5.60	V
			V+	-3764928	1970372	1.91	-11527223	2059606	5.60	V
92	Piano 2	50	V-	2357210	---	>1.30	5011157	-2906625	1.72	V
			V+	-2357212	---	>1.30	-5011157	2502679	2.00	V
112	Piano 3	20	V-	5619960	-3940146	1.43	7635320	-1724934	4.43	V

			V+	-5619961	3940146	1.43	-7635320	1724935	4.43	V
113	Piano 3	21	V-	6190679	-4421756	1.40	13020376	-2551209	5.10	V
			V+	-6190681	3940310	1.57	-13020376	2563048	5.08	V
119	Piano 3	27	V-	4425233	-3220804	1.37	8452670	-1518716	5.57	V
			V+	-4425234	3220806	1.37	-8452670	1518717	5.57	V
121	Piano 3	29	V-	4545000	-3217978	1.41	8561656	-2404358	3.56	V
			V+	-4545001	3217981	1.41	-8561656	2404358	3.56	V
122	Piano 3	30	V-	3350211	-1970372	1.70	6504164	-2502768	2.60	V
			V+	-3350213	1970370	1.70	-6504164	2502768	2.60	V
124	Piano 3	32	V-	4966768	-2502768	1.98	4966768	-1251384	3.97	V
			V+	-4966768	2502768	1.98	-4966769	1251385	3.97	V
125	Piano 3	33	V-	4967361	-2499588	1.99	4967361	-1340542	3.71	V
			V+	-4967361	2499588	1.99	-4967362	1340541	3.71	V
129	Piano 3	37	V-	4959817	-1251385	3.96	4959817	-2266763	2.19	V
			V+	-4959817	1251384	3.96	-4959818	2266764	2.19	V
130	Piano 3	38	V-	2617355	-1251385	2.09	2617354	-1251385	2.09	V
			V+	-2617355	1251384	2.09	-2617355	1251384	2.09	V
132	Piano 3	41	V-	3490204	-1353524	2.58	7160200	-4165586	1.72	V
			V+	-3490205	1353523	2.58	-7160201	3761642	1.90	V
133	Piano 3	42	V-	2281125	---	>1.30	4917159	-2502679	1.96	V
			V+	-2281097	---	>1.30	-4917159	2906625	1.69	V
134	Piano 3	43	V-	3018850	-1970370	1.53	6273746	-2502768	2.51	V
			V+	-3018851	1970372	1.53	-6273746	2502768	2.51	V

4.2.2 Verifiche SLV - Verifica Nodo.

Nodo : numerazione interna del nodo;
Filo : filo fisso al quale appartiene il nodo considerato;
D staffe : passo delle staffe;
Ø : diametro delle staffe;
S traz : coefficiente di sicurezza per integrità per fessurazione;
S comp : coefficiente di sicurezza per compressione puntone diagonale;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 3.I

Nodo	Imp.	Filo	D staffe [cm]	Ø [mm]	η	νd	VjbdX [daN]	S comp X	VjbdY [daN]	S comp Y	Esito comp	S traz	Esito traz
51	Piano 1	1	10	10	0.43	0.02	2705.45	49.89	50869.44	3.01	V	1.54	V
52	Piano 1	2	10	10	0.43	0.10	-1246.19	64.16	-34424.29	4.26	V	2.88	V
53	Piano 1	3	10	10	0.43	0.09	2062.84	39.70	-35170.34	4.27	V	2.92	V
54	Piano 1	4	10	10	0.43	0.13	1249.16	50.94	-46585.06	1.48	V	1.37	V
55	Piano 1	5	9	10	0.43	0.10	-7342.41	16.51	-70955.62	1.94	V	1.77	V
56	Piano 1	6	8	10	0.43	0.05	14064.06	9.23	50902.14	2.89	V	2.07	V
57	Piano 1	7	10	10	0.43	0.08	-45232.32	2.76	-14971.18	9.44	V	1.87	V
58	Piano 1	8	10	10	0.43	0.15	-15266.89	4.89	16440.31	8.32	V	4.90	V
59	Piano 1	9	10	10	0.43	0.13	35665.96	2.15	7895.08	17.79	V	1.87	V
60	Piano 1	10	10	10	0.43	0.07	-42335.20	2.96	-5044.73	28.16	V	1.88	V
61	Piano 1	11	10	10	0.43	0.15	2991.04	24.69	42231.93	1.92	V	2.93	V
62	Piano 1	12	10	10	0.43	0.09	10521.33	11.67	1759.28	131.79	V	8.20	V
63	Piano 1	13	10	10	0.43	0.22	-1598.51	33.71	-13529.14	7.17	V	5.87	V
64	Piano 1	14	10	10	0.43	0.14	-5010.59	22.77	-18156.13	7.12	V	10.33	V
65	Piano 1	15	10	10	0.43	0.14	43512.67	2.61	-4244.49	30.34	V	2.19	V
66	Piano 1	16	10	10	0.43	0.08	-721.47	171.73	-8159.24	17.21	V	-	V
67	Piano 1	17	10	10	0.43	0.13	-9381.10	12.33	-2377.74	55.12	V	10.55	V
68	Piano 1	18	10	10	0.43	0.09	69.63	1771.47	-7903.32	17.69	V	-	V
69	Piano 1	19	10	10	0.43	0.13	-33941.44	3.40	-2480.47	87.80	V	2.03	V
70	Piano 1	20	10	10	0.43	0.10	14551.05	5.54	1466.63	100.81	V	4.69	V
71	Piano 1	21	10	10	0.43	0.17	-24083.06	4.42	12373.58	9.76	V	4.51	V
72	Piano 1	22	10	10	0.43	0.03	-53905.66	2.74	549.11	307.04	V	1.60	V
73	Piano 1	23	10	10	0.43	0.09	274.53	445.68	-7693.36	18.02	V	-	V
74	Piano 1	24	10	10	0.43	0.11	1412.77	84.66	6892.87	19.67	V	-	V
75	Piano 1	25	10	10	0.43	0.07	2743.02	45.78	7685.93	18.52	V	-	V
76	Piano 1	26	10	10	0.43	0.13	33002.16	3.47	-1287.23	168.10	V	1.96	V
77	Piano 1	27	10	10	0.43	0.07	20263.82	4.12	-20193.79	7.58	V	3.31	V
78	Piano 1	28	10	10	0.43	0.15	-20089.76	2.47	-31171.17	1.67	V	1.96	V
79	Piano 1	29	10	10	0.43	0.16	7812.18	9.25	-23893.23	3.33	V	5.72	V
80	Piano 1	30	10	10	0.43	0.16	12110.58	5.96	-51765.39	1.53	V	2.80	V
81	Piano 1	31	10	10	0.43	0.15	48202.48	2.31	-6118.53	20.62	V	1.27	V

82	Piano 1	32	10	10	0.43	0.12	-23449.68	1.65	1371.97	28.21	V	2.31	V
83	Piano 1	33	10	10	0.43	0.13	26057.10	1.46	170.06	224.29	V	2.00	V
84	Piano 1	34	10	10	0.43	0.08	1851.49	67.47	7894.76	17.93	V	-	V
85	Piano 1	35	10	10	0.43	0.15	8599.51	13.04	1111.99	114.27	V	11.34	V
86	Piano 1	36	10	10	0.43	0.18	-29980.43	1.56	-548.52	89.39	V	1.89	V
87	Piano 1	37	10	10	0.43	0.12	-803.55	48.88	29718.73	1.32	V	1.91	V
88	Piano 1	38	10	10	0.43	0.14	-26670.17	1.43	3556.14	10.70	V	1.64	V
89	Piano 1	39	10	10	0.43	0.09	-58335.23	2.11	-14819.16	9.42	V	1.11	V
91	Piano 1	41	9	10	0.43	0.13	-43917.14	2.05	29866.63	3.36	V	1.53	V
92	Piano 1	42	10	10	0.43	0.12	-20225.00	3.84	1031.53	82.84	V	4.73	V
93	Piano 1	43	10	10	0.43	0.10	-3672.75	21.94	50297.52	1.76	V	2.62	V
94	Piano 1	44	10	10	0.43	0.00	-56740.76	2.43	-32760.63	4.76	V	1.04	V
95	Piano 1	45	10	10	0.43	0.03	36383.09	2.43	-33695.83	2.88	V	1.09	V
96	Piano 1	46	10	10	0.43	0.01	21095.43	4.28	-37669.56	2.64	V	1.50	V
98	Piano 1	50	10	10	0.43	0.03	-8015.63	11.03	-860.17	113.06	V	-	V
99	Piano 2	1	10	10	0.43	0.01	29898.46	4.55	37244.58	4.14	V	1.53	V
100	Piano 2	2	10	10	0.43	0.05	-1217.11	71.37	-25214.88	6.32	V	3.73	V
101	Piano 2	3	10	10	0.43	0.04	1992.02	44.02	-25647.78	6.27	V	3.72	V
102	Piano 2	4	10	10	0.43	0.06	966.67	73.71	-37281.63	2.06	V	1.62	V
103	Piano 2	5	10	10	0.43	0.04	5774.77	22.65	-41428.67	3.58	V	3.20	V
104	Piano 2	6	10	10	0.43	0.03	17614.07	7.53	40663.72	3.70	V	2.11	V
105	Piano 2	7	10	10	0.43	0.03	-40867.85	3.23	5031.81	29.78	V	1.40	V
106	Piano 2	8	10	10	0.43	0.05	8326.62	10.33	1613.05	97.78	V	-	V
107	Piano 2	9	10	10	0.43	0.06	42289.97	2.02	-858.52	182.23	V	1.42	V
108	Piano 2	10	10	10	0.43	0.03	-32349.78	4.10	-2181.15	68.87	V	1.85	V
109	Piano 2	11	10	10	0.43	0.07	3517.26	23.97	29967.35	3.09	V	3.80	V
110	Piano 2	12	10	10	0.43	0.03	-9354.21	9.44	-1247.29	129.83	V	9.18	V
111	Piano 2	13	10	10	0.43	0.12	-4525.70	14.26	-167.99	691.26	V	-	V
112	Piano 2	14	10	10	0.43	0.07	-9817.60	12.90	-3312.40	43.33	V	-	V
113	Piano 2	15	10	10	0.43	0.03	-40825.43	3.25	-5787.28	26.01	V	1.60	V
114	Piano 2	16	10	10	0.43	0.05	-57203.21	2.27	5105.67	28.88	V	1.29	V
115	Piano 2	17	10	10	0.43	0.04	68093.09	1.94	10982.65	13.60	V	1.04	V
116	Piano 2	18	10	10	0.43	0.05	-57711.61	2.25	-4795.64	30.74	V	1.30	V
117	Piano 2	19	10	10	0.43	0.06	-34084.02	3.73	-10984.11	21.86	V	1.35	V
118	Piano 2	20	10	10	0.43	0.05	15548.95	4.65	1207.39	107.70	V	4.48	V
119	Piano 2	21	10	10	0.43	0.06	-20942.48	6.09	572.55	252.49	V	4.48	V
120	Piano 2	22	10	10	0.43	0.01	-52901.69	2.84	3099.36	55.35	V	1.26	V
121	Piano 2	23	10	10	0.43	0.05	-66755.74	1.94	-4613.17	31.88	V	1.08	V
122	Piano 2	24	10	10	0.43	0.06	68456.56	1.86	-553.39	260.68	V	1.10	V
123	Piano 2	25	10	10	0.43	0.05	-70245.17	1.85	-4338.95	33.93	V	1.03	V
124	Piano 2	26	10	10	0.43	0.04	-35982.16	3.63	-10957.72	22.52	V	1.31	V
125	Piano 2	27	10	10	0.43	0.12	-4618.57	16.96	-21316.27	6.74	V	5.43	V
126	Piano 2	28	10	10	0.43	0.08	-1292.20	42.93	-28306.95	2.06	V	1.92	V
127	Piano 2	29	10	10	0.43	0.12	-1259.34	62.41	-21872.41	3.95	V	5.49	V
128	Piano 2	30	10	10	0.43	0.12	18272.42	4.26	-38961.63	2.20	V	3.28	V
129	Piano 2	31	10	10	0.43	0.01	-54102.95	2.51	5696.97	27.06	V	1.26	V
130	Piano 2	32	10	10	0.43	0.07	24220.41	1.72	-1100.81	37.93	V	2.06	V
131	Piano 2	33	10	10	0.43	0.08	26365.56	1.57	280.86	147.34	V	1.94	V
132	Piano 2	34	7	10	0.43	0.05	-82640.30	1.57	-3726.47	39.34	V	1.18	V
133	Piano 2	35	7	10	0.43	0.07	85356.46	1.48	-9159.76	15.62	V	1.20	V
134	Piano 2	36	10	10	0.43	0.09	-30546.12	1.78	1451.69	39.31	V	1.91	V
135	Piano 2	37	10	10	0.43	0.08	-851.86	48.85	27461.41	1.52	V	1.88	V
136	Piano 2	38	10	10	0.43	0.07	12637.17	3.35	-27426.09	1.54	V	1.59	V
137	Piano 2	39	10	10	0.43	0.03	-67251.44	1.98	-958.25	157.14	V	1.02	V
139	Piano 2	41	9	10	0.43	0.09	-45309.20	1.79	28301.77	3.16	V	1.57	V
140	Piano 2	42	10	10	0.43	0.04	-20795.24	4.20	1772.91	54.23	V	4.67	V
141	Piano 2	43	10	10	0.43	0.08	-20333.46	4.07	38152.14	2.39	V	3.21	V
142	Piano 2	44	10	10	0.43	0.00	-55025.84	2.50	-32615.81	4.78	V	1.04	V
143	Piano 2	45	10	10	0.43	0.00	25563.04	-	23521.39	-	V	1.66	V
144	Piano 2	46	10	10	0.43	0.00	-18539.06	-	14289.42	-	V	2.32	V
146	Piano 2	50	10	10	0.43	0.03	16447.81	5.40	-367.37	266.08	V	4.65	V
147	Piano 3	1	10	10	0.43	0.00	23602.92	-	19924.33	-	V	1.82	V
148	Piano 3	2	10	10	0.43	0.00	0.00	-	9593.53	-	V	4.52	V
149	Piano 3	3	10	10	0.43	0.00	0.00	-	-4496.99	-	V	4.29	V
150	Piano 3	4	10	10	0.43	0.00	0.00	-	-2465.08	-	V	2.51	V
151	Piano 3	5	10	10	0.43	0.00	0.00	-	11850.44	-	V	3.28	V
152	Piano 3	6	10	10	0.43	0.00	23602.92	-	27579.33	-	V	2.08	V
153	Piano 3	7	10	10	0.43	0.00	23602.92	-	0.00	-	V	1.82	V
154	Piano 3	8	10	10	0.43	0.00	0.00	-	0.00	-	V	-	V
155	Piano 3	9	10	10	0.43	0.00	23532.71	-	-7.62	-	V	1.82	V
156	Piano 3	10	10	10	0.43	0.00	23602.92	-	0.00	-	V	1.82	V
157	Piano 3	11	10	10	0.43	0.00	0.00	-	12545.81	-	V	4.12	V

158	Piano 3	12	10	10	0.43	0.00	4635.10	-	-113.79	-	V	9.28	V
159	Piano 3	13	10	10	0.43	0.00	0.00	-	0.00	-	V	-	V
160	Piano 3	14	10	10	0.43	0.00	0.00	-	-0.01	-	V	-	V
161	Piano 3	15	10	10	0.43	0.00	23602.92	-	0.00	-	V	2.08	V
162	Piano 3	16	10	10	0.43	0.00	9513.15	-	0.00	-	V	1.25	V
163	Piano 3	17	10	10	0.43	0.00	47875.68	-	121.39	-	V	1.03	V
164	Piano 3	18	10	10	0.43	0.00	10630.88	-	0.00	-	V	1.25	V
165	Piano 3	19	10	10	0.43	0.00	-37764.68	-	-0.01	-	V	1.30	V
166	Piano 3	20	10	10	0.43	0.00	10168.06	7.52	-319.00	431.66	V	26.48	V
167	Piano 3	21	10	10	0.43	0.01	-10920.43	12.44	4011.85	38.38	V	4.19	V
168	Piano 3	22	10	10	0.43	0.00	23602.92	-	-0.01	-	V	1.56	V
169	Piano 3	23	10	10	0.43	0.00	11650.86	-	0.00	-	V	1.25	V
170	Piano 3	24	10	10	0.43	0.00	47205.84	-	-0.01	-	V	1.04	V
171	Piano 3	25	10	10	0.43	0.00	13771.85	-	0.00	-	V	1.25	V
172	Piano 3	26	10	10	0.43	0.00	-37764.68	-	-0.01	-	V	1.30	V
173	Piano 3	27	10	10	0.43	0.05	-4779.41	18.14	-21196.68	7.50	V	5.27	V
174	Piano 3	28	10	10	0.43	0.00	0.00	-	9055.67	-	V	2.57	V
175	Piano 3	29	10	10	0.43	0.06	2322.44	36.44	-19807.81	4.70	V	5.35	V
176	Piano 3	30	10	10	0.43	0.03	3047.55	29.23	-37547.86	2.61	V	3.13	V
177	Piano 3	31	10	10	0.43	0.00	23602.92	-	0.00	-	V	2.08	V
178	Piano 3	32	10	10	0.43	0.01	-16698.81	2.73	1275.39	35.76	V	3.01	V
179	Piano 3	33	10	10	0.43	0.04	-17860.31	2.46	1695.99	25.89	V	2.69	V
180	Piano 3	34	10	10	0.43	0.00	16274.43	-	0.00	-	V	1.04	V
181	Piano 3	35	10	10	0.43	0.00	46783.87	-	-103.76	-	V	1.05	V
182	Piano 3	36	10	10	0.43	0.00	22866.57	-	-48.07	-	V	1.82	V
183	Piano 3	37	10	10	0.43	0.04	-472.78	92.61	21894.00	2.00	V	2.23	V
184	Piano 3	38	10	10	0.43	0.08	-2512.78	16.53	-21762.60	1.91	V	2.27	V
185	Piano 3	39	10	10	0.43	0.00	27759.58	-	24158.11	-	V	1.56	V
187	Piano 3	41	9	10	0.43	0.05	-39492.16	2.18	21777.35	4.35	V	1.59	V
188	Piano 3	42	10	10	0.43	0.00	-17842.37	5.14	114.17	884.33	V	4.56	V
189	Piano 3	43	10	10	0.43	0.00	-5469.78	16.78	37675.70	2.68	V	3.12	V
190	Piano 3	44	10	10	0.43	0.00	31470.56	-	-10107.32	-	V	1.56	V
192	Piano 3	50	10	10	0.43	0.00	0.00	-	0.00	-	V	-	V
193	Piano 4	20	10	10	0.43	0.00	31276.67	-	7884.89	-	V	1.17	V
194	Piano 4	21	10	10	0.43	0.00	-27395.15	-	-22943.04	-	V	1.19	V
195	Piano 4	27	10	10	0.43	0.00	23652.21	-	9569.10	-	V	1.81	V
196	Piano 4	29	10	10	0.43	0.00	11275.11	-	18989.93	-	V	2.27	V
197	Piano 4	30	10	10	0.43	0.00	23602.92	-	8094.71	-	V	1.82	V
198	Piano 4	32	10	10	0.43	0.00	5613.75	-	-3215.35	-	V	5.46	V
199	Piano 4	33	10	10	0.43	0.00	6192.10	-	143.95	-	V	6.56	V
200	Piano 4	37	10	10	0.43	0.00	6380.39	-	-3371.03	-	V	5.19	V
201	Piano 4	38	10	10	0.43	0.00	6404.21	-	-143.96	-	V	5.07	V
202	Piano 4	41	10	10	0.43	0.00	23602.92	-	-3261.12	-	V	1.82	V
203	Piano 4	42	10	10	0.43	0.00	4035.92	-	9434.97	-	V	6.29	V
204	Piano 4	43	10	10	0.43	0.00	20854.46	-	18158.16	-	V	1.82	V

4.3 Verifica Aste.

4.3.1 Pilastri.

4.3.1.1 Verifiche Pilastri in C.A..

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative ai pilastri della struttura.

4.3.1.1.1 Verifiche SLV - Flessione Composta

Pilastro : numerazione del pilastro *(interna alla relazione di calcolo)*;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso dell'asta considerata *(numerazione corrispondente con elaborati grafici esecutivi)*;
Tipo Sez. : tipo di sezione dell'asta considerata;
εc2 : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
εcu2 : deformazione ultima di contrazione del calcestruzzo;
Pos. : Posizione misurata lungo l'asse dell'asta
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie

stessa del calcestruzzo;

A_{sn} : valore dell'area dell'acciaio strettamente necessaria;

CdC : indice della combinazione di carico più gravosa ("G" è relativa alle combinazioni aggiuntive per la gerarchia di resistenza)

Azioni Sollecitanti:

N_{Sd} : Sforzo Normale Sollecitante;

M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo

M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo

εcls : deformazione massima del calcestruzzo compresso

εacc : deformazione massima dell'armatura tesa

Azioni Resistenti:

N_{Rd} : Sforzo Normale Resistente;

M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;

M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

C : campo di rottura

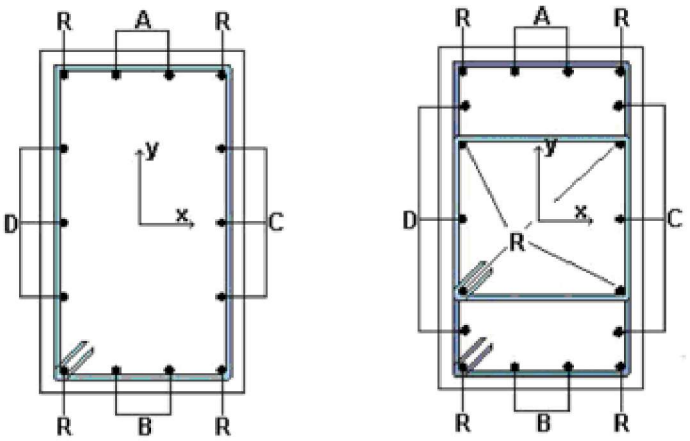
S : valore del coefficiente di sicurezza minimo della sezione;

Esito : Esito della verifica : V = VERIFICATA;

: NV = NON VERIFICATA;

Tabella 4.I

Sezione Rettangolare



											Azioni Sollecitanti					Azioni Resistenti					
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**εc2 [‰]**	**εcu2 [‰]**	**Pos.**	**Cop [cm]**	**Asn [cm²]**	**CdC**	**Nsd [daN]**	**Msdxz [daNm]**	**Msdxy [daNm]**	**εcls [‰]**	**εacc [‰]**	**Nrd [daN]**	**Mrdxz [daNm]**	**Mrdxy [daNm]**	**C**	**S**	**Esito**
1	346	Piano 1	1	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-2804	16004	0	3.50	12.50	-2804	19620	0	3	1.23	V
								2.5	44.0	6	-6586	0	-14422	3.50	8.92	-6586	0	-42068	3	2.92	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-5106	10162	0	3.50	12.30	-5106	13903	0	3	1.37	V
								2.5	44.0	8	-19278	0	-19233	3.50	8.07	-19278	0	-43953	3	2.29	V
2	473	Piano 2	1	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-24787	8849	0	3.50	10.70	-24788	15328	0	3	1.73	V
								2.5	44.0	13	-24908	0	-15909	3.50	7.70	-24909	0	-44774	3	2.81	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-6071	16004	0	3.50	12.22	-6074	19962	0	3	1.25	V
								2.5	44.0	13	-27102	0	23760	3.50	7.57	-27102	0	45090	3	1.90	V
3	588	Piano 3	1	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	12	-8725	5313	0	3.50	12.00	-8724	14167	0	3	2.67	V
								2.5	44.0	11	-7784	0	-11252	3.50	8.84	-7784	0	-42248	3	3.75	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-3331	10825	0	3.50	12.45	-3333	19676	0	3	1.82	V
								2.5	44.0	7	-3532	0	9401	3.50	9.14	-3532	0	41608	3	4.43	V
4	347	Piano 1	2	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-22082	-3561	0	3.50	10.4	-22081	-13455	0	3	3.78	V

															7						
								2.5	25.1	39G	-22082	0	-16268	3.50	7.89	-22082	0	-27050	3	1.66	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	15	-24298	6300	0	3.50	10.19	-24299	9576	0	3	1.52	V
								2.5	25.1	8	-27783	0	-7124	3.50	7.35	-27783	0	-19417	3	2.73	V
5	474	Piano 2	2	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	18	-22051	2969	0	3.50	10.48	-22051	9416	0	3	3.17	V
								2.5	25.1	38G	-13429	0	18892	3.50	8.76	-13428	0	25987	3	1.38	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-14892	-3561	0	3.50	11.42	-14891	-12718	0	3	3.57	V
								2.5	25.1	6	-14892	0	-13726	3.50	8.61	-14892	0	-18318	3	1.33	V
6	589	Piano 3	2	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	20	-10084	1924	0	3.50	12.08	-10085	8554	0	3	4.44	V
								2.5	25.1	6	-5745	0	13180	3.50	9.59	-5746	0	17523	3	1.33	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-7050	-2763	0	3.50	12.50	-7050	-11903	0	3	4.31	V
								2.5	25.1	38G	-7050	0	18892	3.50	9.45	-7049	0	25195	3	1.33	V
7	348	Piano 1	3	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	37G	-18986	3562	0	3.50	10.87	-18985	13139	0	3	3.69	V
								2.5	25.1	38G	-18986	0	16268	3.50	8.19	-18985	0	26671	3	1.64	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	17	-20592	6242	0	3.50	10.66	-20592	9312	0	3	1.49	V
								2.5	25.1	13	-24993	0	8110	3.50	7.61	-24992	0	19182	3	2.37	V
8	475	Piano 2	3	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	18	-20906	3332	0	3.50	10.62	-20906	9335	0	3	2.80	V
								2.5	25.1	39G	-12229	0	-18892	3.50	8.89	-12228	0	-25838	3	1.37	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	37G	-13691	3562	0	3.50	11.58	-13690	12594	0	3	3.54	V
								2.5	25.1	13	-15884	0	14050	3.50	8.51	-15884	0	18403	3	1.31	V
9	590	Piano 3	3	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	18	-8208	2384	0	3.50	12.34	-8209	8417	0	3	3.53	V
								2.5	25.1	13	-5459	0	-13400	3.50	9.62	-5460	0	-17498	3	1.31	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-5996	-2763	0	3.50	12.65	-5996	-11793	0	3	4.27	V
								2.5	25.1	39G	-5996	0	-18892	3.50	9.56	-5996	0	-25064	3	1.33	V
10	349	Piano 1	4	1	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 4 Ø 20 (A), 4 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	44.0	37G	-11442	15939	0	3.50	7.36	-11441	19782	0	3	1.24	V
								2.5	44.0	39G	-11442	0	-8134	3.50	5.80	-11441	0	-30731	3	3.78	V
							Piede	Armatura: 4 Ø 20 (R), 4 Ø 20 (A), 4 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	44.0	14	5595	4530	0	3.50	8.94	5594	12675	0	3	2.80	V
								2.5	44.0	6	28986	0	-4137	3.50	8.89	28986	0	-18833	3	4.55	V
11	476	Piano 2	4	1	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 4 Ø 20 (A), 4 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	44.0	36G	-13664	-12807	0	3.50	7.17	-13664	-19995	0	3	1.56	V
								2.5	44.0	39G	-13664	0	-16268	3.50	5.67	-13663	0	-30921	3	1.90	V
							Piede	Armatura: 4 Ø 20 (R), 4 Ø 20 (A), 4 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	44.0	37G	-14883	15939	0	3.50	7.06	-14883	20111	0	3	1.26	V
								2.5	44.0	13	-16983	0	9092	3.50	5.46	-16983	0	21842	3	2.40	V
12	591	Piano 3	4	1	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	31.4	19	-10632	4967	0	3.50	10.31	-10631	10287	0	3	2.07	V
								2.5	31.4	13	-5823	0	-9462	3.50	6.83	-5823	0	-15861	3	1.68	V
							Piede	Armatura: 4 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	31.4	36G	-6371	-12807	0	3.50	10.82	-6371	-14258	0	3	1.11	V
								2.5	31.4	38G	-6371	0	16268	3.50	6.78	-6372	0	22721	3	1.40	V
13	353	Piano 1	5	17	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-10796	23967	0	3.50	10.86	-10798	25596	0	3	1.07	V
								2.5	56.5	13	-15624	0	14064	3.50	7.69	-15623	0	52793	3	3.75	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	16	-6946	8285	0	3.50	11.12	-6943	17639	0	3	2.13	V
								2.5	56.5	6	-14015	0	-3917	3.50	7.78	-14014	0	-52553	3	13.42	V
14	477	Piano 2	5	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	21	-34752	10056	0	3.50	9.32	-34751	19625	0	3	1.95	V
								2.5	56.5	13	-33856	0	-21018	3.50	6.74	-33856	0	-55434	3	2.64	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-22513	23967	0	3.50	10.09	-22514	26797	0	3	1.12	V
								2.5	56.5	13	-36050	0	34540	3.50	6.64	-36050	0	55678	3	1.61	V
15	592	Piano 3	5	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	21	-13939	8533	0	3.50	11.57	-13938	14545	0	3	1.70	V
								2.5	44.0	13	-14212	0	-14469	3.50	8.40	-14212	0	-43206	3	2.99	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-10739	-12807	0	3.50	11.83	-10740	-20448	0	3	1.60	V
								2.5	44.0	39G	-10739	0	-18893	3.50	8.64	-10739	0	-60985	3	3.23	V
16	357	Piano 1	6	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-1419	20045	0	3.50	11.50	-1420	24627	0	3	1.23	V
								2.5	56.5	13	-4810	0	17178	3.50	8.28	-4810	0	51167	3	2.98	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	14	-13655	9572	0	3.50	10.6	-13657	18123	0	3	1.89	V

															7						
								2.5	56.5	13	8180	0	2939	3.50	9.03	8181	0	49179	3	16.73	V
17	478	Piano 2	6	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-8490	15939	0	3.50	12.02	-8490	20214	0	3	1.27	V
								2.5	44.0	13	-11675	0	-16071	3.50	8.57	-11675	0	-42829	3	2.66	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-10683	20045	0	3.50	11.83	-10683	20442	0	3	1.02	V
								2.5	44.0	13	-13869	0	30920	3.50	8.42	-13869	0	43155	3	1.40	V
18	593	Piano 3	6	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	13	-4236	9199	0	3.50	12.38	-4233	13839	0	3	1.50	V
								2.5	44.0	6	-9702	0	8251	3.50	8.71	-9702	0	42535	3	5.16	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-5278	15939	0	3.50	12.29	-5278	19879	0	3	1.25	V
								2.5	44.0	11	-5278	0	-10817	3.50	9.01	-5278	0	-41871	3	3.87	V
19	361	Piano 1	7	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-20422	21521	0	3.50	10.23	-20423	26584	0	3	1.24	V
								2.5	56.5	6	-22061	0	-12561	3.50	7.35	-22061	0	-53745	3	4.28	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	20	-34969	-13992	0	3.50	9.30	-34968	-19640	0	3	1.40	V
								2.5	56.5	8	-22616	0	-15994	3.50	7.32	-22616	0	-53827	3	3.37	V
20	479	Piano 2	7	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	20	-21956	13191	0	3.50	10.13	-21956	18718	0	3	1.42	V
								2.5	56.5	13	-27415	0	-14566	3.50	7.07	-27414	0	-54527	3	3.74	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-12633	21521	0	3.50	10.74	-12633	25785	0	3	1.20	V
								2.5	56.5	13	-29609	0	19913	3.50	6.96	-29609	0	54845	3	2.75	V
21	594	Piano 3	7	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	12	-10253	7828	0	3.50	11.87	-10251	14278	0	3	1.82	V
								2.5	44.0	13	-10784	0	-10854	3.50	8.63	-10784	0	-42697	3	3.93	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-5845	15313	0	3.50	12.24	-5844	19938	0	3	1.30	V
								2.5	44.0	12	-12210	0	8515	3.50	8.54	-12211	0	42909	3	5.04	V
22	362	Piano 1	8	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-29592	-13525	0	3.50	9.54	-29592	-14212	0	3	1.05	V
								2.5	25.1	38G	-29592	0	18893	3.50	7.18	-29592	0	27954	3	1.48	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	15	-31066	8142	0	3.50	9.36	-31066	10051	0	3	1.23	V
								2.5	25.1	6	-36403	0	-5938	3.50	6.58	-36403	0	-20128	3	3.39	V
23	480	Piano 2	8	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-20859	-10897	0	3.50	9.53	-20859	-18458	0	3	1.69	V
								2.5	37.7	39G	-20859	0	-18892	3.50	6.99	-20859	0	-34721	3	1.84	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-22322	-13525	0	3.50	9.40	-22322	-18605	0	3	1.38	V
								2.5	37.7	6	-24546	0	-13563	3.50	6.73	-24545	0	-24637	3	1.82	V
24	595	Piano 3	8	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	15	-11836	-4365	0	3.50	11.83	-11836	-8681	0	3	1.99	V
								2.5	25.1	6	-11976	0	13191	3.50	8.91	-11976	0	18065	3	1.37	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-13132	-10897	0	3.50	11.66	-13131	-12536	0	3	1.15	V
								2.5	25.1	38G	-13132	0	18892	3.50	8.79	-13132	0	25950	3	1.37	V
25	363	Piano 1	9	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	37G	-13682	13521	0	3.50	10.22	-13681	17729	0	3	1.31	V
								2.5	37.7	38G	-13682	0	8310	3.50	7.50	-13683	0	33785	3	4.07	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	17	-18674	8202	0	3.50	9.74	-18675	12766	0	3	1.56	V
								2.5	37.7	11	-15144	0	6529	3.50	7.40	-15144	0	23784	3	3.64	V
26	481	Piano 2	9	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	17	-13245	-6898	0	3.50	10.27	-13244	-12379	0	3	1.79	V
								2.5	37.7	6	-29489	0	8824	3.50	6.40	-29489	0	25076	3	2.84	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	37G	-10573	13521	0	3.50	10.53	-10574	17411	0	3	1.29	V
								2.5	37.7	6	-30951	0	-10182	3.50	6.30	-30952	0	-25205	3	2.48	V
27	596	Piano 3	9	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	17	-7227	-3981	0	3.50	12.48	-7228	-8345	0	3	2.10	V
								2.5	25.1	6	-12963	0	8983	3.50	8.81	-12964	0	18151	3	2.02	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	36G	-6586	-9362	0	3.50	12.57	-6587	-11855	0	3	1.27	V
								2.5	25.1	38G	-6586	0	10867	3.50	9.50	-6586	0	25137	3	2.31	V
28	364	Piano 1	10	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-20521	24130	0	3.50	10.22	-20522	26594	0	3	1.10	V
								2.5	56.5	13	-42423	0	12645	3.50	6.39	-42424	0	56290	3	4.45	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	20	-37557	-14122	0	3.50	9.14	-37559	-19822	0	3	1.40	V
								2.5	56.5	9	-24374	0	-22001	3.50	7.23	-24374	0	-54084	3	2.46	V
29	482	Piano 2	10	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)													
								2.5	56.5	37G	-10949	17427	0	3.50	10.85	-10947	25612	0	3	1.47	V
								2.5	56.5	13	-25900	0	-12946	3.50	7.15	-25901	0	-54307	3	4.19	V

							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)												
								2.5	56.5	37G	-13143	24130	0	3.50	10.71	-13143	25838	0	3	1.07	V
								2.5	56.5	13	-28093	0	16350	3.50	7.04	-28093	0	54626	3	3.34	V
30	597	Piano 3	10	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	20	-8162	8169	0	3.50	12.04	-8162	14126	0	3	1.73	V
								2.5	44.0	11	-9964	0	-9619	3.50	8.69	-9964	0	-42574	3	4.43	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	37G	-6138	17427	0	3.50	12.21	-6141	19969	0	3	1.15	V
								2.5	44.0	10	-11617	0	7551	3.50	8.58	-11617	0	42821	3	5.67	V
31	365	Piano 1	11	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	37G	-22333	10762	0	3.50	10.44	-22332	13480	0	3	1.25	V
								2.5	25.1	39G	-22333	0	-16268	3.50	7.86	-22333	0	-27080	3	1.66	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	20	-28712	-7701	0	3.50	9.64	-28713	-9887	0	3	1.28	V
								2.5	25.1	8	-29627	0	-6722	3.50	7.18	-29627	0	-19571	3	2.91	V
32	483	Piano 2	11	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	15	-37265	-7771	0	3.50	8.64	-37265	-10478	0	3	1.35	V
								2.5	25.1	38G	-19665	0	18892	3.50	8.12	-19666	0	26755	3	1.42	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	37G	-21127	10762	0	3.50	10.59	-21127	13358	0	3	1.24	V
								2.5	25.1	6	-27928	0	-12806	3.50	7.33	-27927	0	-19429	3	1.52	V
33	598	Piano 3	11	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	15	-15816	-4322	0	3.50	11.29	-15816	-8969	0	3	2.08	V
								2.5	25.1	6	-12543	0	13055	3.50	8.85	-12542	0	18114	3	1.39	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	37G	-12592	8134	0	3.50	11.73	-12593	12480	0	3	1.53	V
								2.5	25.1	38G	-12592	0	18892	3.50	8.85	-12591	0	25883	3	1.37	V
34	366	Piano 1	12	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-18789	-18859	0	3.50	11.17	-18791	-21281	0	3	1.13	V
								2.5	44.0	39G	-18789	0	-11778	3.50	8.10	-18789	0	-62688	3	5.32	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-37297	12462	0	3.50	9.74	-37298	16217	0	3	1.30	V
								2.5	44.0	11	-20984	0	23591	3.50	7.95	-20983	0	44203	3	1.87	V
35	484	Piano 2	12	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-12653	-13185	0	3.50	7.85	-12653	-22646	0	3	1.72	V
								2.5	50.3	38G	-12653	0	14062	3.50	6.06	-12653	0	42739	3	3.04	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-14116	-18859	0	3.50	7.73	-14115	-22788	0	3	1.21	V
								2.5	50.3	6	-33809	0	-8862	3.50	5.16	-33808	0	-31148	3	3.51	V
36	599	Piano 3	12	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)												
								2.5	37.7	15	-10929	-4686	0	3.50	10.49	-10930	-12213	0	3	2.61	V
								2.5	37.7	6	-14413	0	8571	3.50	7.45	-14413	0	23717	3	2.77	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)												
								2.5	37.7	36G	-7596	-13185	0	3.50	10.82	-7595	-17105	0	3	1.30	V
								2.5	37.7	38G	-7596	0	14062	3.50	7.95	-7596	0	32979	3	2.35	V
37	367	Piano 1	13	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)												
								2.5	63.3	36G	-43848	-28746	0	3.50	6.06	-43849	-30493	0	3	1.06	V
								2.5	63.3	38G	-43848	0	10897	3.50	3.73	-43846	0	38216	3	3.51	V
							Piede	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)												
								2.5	63.3	19	-57101	-6944	0	3.50	5.34	-57102	-22200	0	3	3.20	V
								2.5	63.3	11	-84422	0	5327	3.50	2.88	-84423	0	27261	3	5.12	V
38	485	Piano 2	13	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)												
								2.5	63.3	36G	-28535	-25615	0	3.50	6.94	-28534	-29035	0	3	1.13	V
								2.5	63.3	38G	-28535	0	10897	3.50	4.06	-28534	0	37892	3	3.48	V
							Piede	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)												
								2.5	63.3	36G	-29754	-28746	0	3.50	6.87	-29754	-29153	0	3	1.01	V
								2.5	63.3	38G	-29754	0	10897	3.50	4.03	-29753	0	37918	3	3.48	V
39	600	Piano 3	13	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)												
								2.5	63.3	16	-22162	-4698	0	3.50	7.32	-22163	-19892	0	3	4.23	V
								2.5	63.3	6	-15272	0	6968	3.50	4.44	-15272	0	26079	3	3.74	V
							Piede	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)												
								2.5	63.3	36G	-16039	-25615	0	3.50	7.69	-16039	-27817	0	3	1.09	V
								2.5	63.3	38G	-16039	0	10897	3.50	4.41	-16040	0	37302	3	3.42	V
40	368	Piano 1	14	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	69.1	36G	-70777	-32824	0	3.50	5.95	-70777	-36387	0	3	1.11	V
								2.5	69.1	38G	-70777	0	16268	3.50	4.92	-70777	0	96214	3	5.91	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	69.1	19	-79436	-12723	0	3.50	5.46	-79435	-25884	0	3	2.03	V
								2.5	69.1	11	-75112	0	19288	3.50	4.80	-75112	0	67647	3	3.51	V
41	486	Piano 2	14	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	69.1	36G	-47101	-28747	0	3.50	7.09	-47101	-34208	0	3	1.19	V
								2.5	69.1	13	-47101	0	-19404	3.50	5.58	-47101	0	-65679	3	3.38	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	69.1	36G	-49295	-32824	0	3.50	6.98	-49295	-34415	0	3	1.05	V
								2.5	69.1	13	-49295	0	22579	3.50	5.52	-49296	0	65837	3	2.92	V
42	601	Piano 3	14	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	69.1	14	-26613	-8560	0	3.50	8.16	-26614	-22562	0	3	2.64	V
								2.5	69.1	13	-23305	0	-17192	3.50	6.44	-23304	0	-63394	3	3.69	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	69.1	36G	-25262	-28747	0	3.50	8.24	-25262	-32099	0	3	1.12	V
								2.5	69.1	38G	-25262	0	18892	3.50	6.37	-25262	0	90859	3	4.81	V
43	369	Piano 1	15	2	2.00	3.50	Testa	Armatura: 8 Ø 24 (R), 6 Ø 20 (A), 6 Ø 20 (B)												
								2.5	73.9	36G	-32486	-32824	0	3.50	8.67	-32486	-34630	0	3	1.06	V
								2.5	73.9	6	-80072	0	-10259	3.50	4.45	-80072	0	-68753	3	6.70	V
							Piede	Armatura: 8 Ø 24 (R), 6 Ø 20 (A), 6 Ø 20 (B)												
								2.5	73.9	19	-60734	-13464	0	3.50	7.32	-60736	-26173	0	3	1.94	V

								2.5	73.9	10	-39345	0	19132	3.50	5.49	-39344	0	65887	3	3.44	V
44	487	Piano 2	15	2	2.00	3.50	Testa	Armatura: 8 Ø 24 (R), 6 Ø 20 (A), 6 Ø 20 (B)													
								2.5	73.9	36G	-20087	-28747	0	3.50	9.29	-20086	-33390	0	3	1.16	V
								2.5	73.9	13	-20836	0	-13826	3.50	6.07	-20837	0	-64258	3	4.65	V
							Piede	Armatura: 8 Ø 24 (R), 6 Ø 20 (A), 6 Ø 20 (B)													
								2.5	73.9	36G	-22281	-32824	0	3.50	9.18	-22282	-33611	0	3	1.02	V
								2.5	73.9	6	-52546	0	-17531	3.50	5.14	-52545	0	-66841	3	3.81	V
45	602	Piano 3	15	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	14	-17016	-9796	0	3.50	8.69	-17016	-21898	0	3	2.24	V
								2.5	69.1	13	-9317	0	-9273	3.50	7.00	-9317	0	-61858	3	6.67	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-10997	-28747	0	3.50	9.03	-10994	-30682	0	3	1.07	V
								2.5	69.1	39G	-10997	0	-10759	3.50	6.94	-10998	0	-88650	3	8.24	V
46	370	Piano 1	16	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-28791	-21524	0	3.50	10.38	-28792	-22306	0	3	1.04	V
								2.5	44.0	6	-29535	0	-13407	3.50	7.42	-29535	0	-45439	3	3.39	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-39992	-14269	0	3.50	9.54	-39993	-16406	0	3	1.15	V
								2.5	44.0	9	-31297	0	-17989	3.50	7.31	-31298	0	-45690	3	2.54	V
47	488	Piano 2	16	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-29072	13001	0	3.50	10.36	-29072	15634	0	3	1.20	V
								2.5	44.0	13	-34853	0	-12123	3.50	7.09	-34853	0	-46193	3	3.81	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-23126	-21524	0	3.50	10.83	-23126	-21726	0	3	1.01	V
								2.5	44.0	6	-23798	0	-14859	3.50	7.77	-23798	0	-44613	3	3.00	V
48	603	Piano 3	16	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-12970	8261	0	3.50	11.65	-12969	14475	0	3	1.75	V
								2.5	44.0	13	-15574	0	-21285	3.50	8.31	-15575	0	-43408	3	2.04	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-11259	17430	0	3.50	11.79	-11259	20501	0	3	1.18	V
								2.5	44.0	3	-21434	0	18177	3.50	7.93	-21433	0	44269	3	2.44	V
49	371	Piano 1	17	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-30839	18875	0	3.50	10.23	-30841	22514	0	3	1.19	V
								2.5	44.0	13	-54838	0	11958	3.50	6.17	-54838	0	48430	3	4.05	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-38008	12292	0	3.50	9.68	-38008	16267	0	3	1.32	V
								2.5	44.0	10	-55094	0	18247	3.50	6.16	-55095	0	48455	3	2.66	V
50	489	Piano 2	17	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-24802	15299	0	3.50	10.69	-24802	21898	0	3	1.43	V
								2.5	44.0	6	-25150	0	14436	3.50	7.69	-25150	0	44809	3	3.10	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-26996	18875	0	3.50	10.52	-26995	22122	0	3	1.17	V
								2.5	44.0	13	-48488	0	11262	3.50	6.42	-48487	0	47814	3	4.25	V
51	604	Piano 3	17	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-19515	6277	0	3.50	11.11	-19516	14949	0	3	2.38	V
								2.5	44.0	6	-11645	0	23995	3.50	8.57	-11645	0	42825	3	1.78	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	37G	-13469	15299	0	3.50	11.60	-13468	20731	0	3	1.35	V
								2.5	44.0	3	-27863	0	-19035	3.50	7.52	-27863	0	-45200	3	2.37	V
52	372	Piano 1	18	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-31099	-21524	0	3.50	10.21	-31099	-22540	0	3	1.05	V
								2.5	44.0	6	-31607	0	-12644	3.50	7.29	-31607	0	-45734	3	3.62	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-41903	-13743	0	3.50	9.40	-41903	-16540	0	3	1.20	V
								2.5	44.0	9	-33297	0	-20829	3.50	7.19	-33297	0	-45974	3	2.21	V
53	490	Piano 2	18	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-22275	-17433	0	3.50	10.89	-22275	-21639	0	3	1.24	V
								2.5	44.0	39G	-22275	0	-15939	3.50	7.87	-22275	0	-63416	3	3.98	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-24469	-21524	0	3.50	10.72	-24466	-21864	0	3	1.02	V
								2.5	44.0	6	-24892	0	-13911	3.50	7.71	-24892	0	-44771	3	3.22	V
54	605	Piano 3	18	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-13358	7786	0	3.50	11.61	-13357	14503	0	3	1.86	V
								2.5	44.0	12	-15662	0	-21015	3.50	8.30	-15661	0	-43421	3	2.07	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-11678	-17433	0	3.50	11.75	-11677	-20545	0	3	1.18	V
								2.5	44.0	3	-21680	0	18660	3.50	7.91	-21680	0	44304	3	2.37	V
55	373	Piano 1	19	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-39039	-18892	0	3.50	9.61	-39038	-23342	0	3	1.24	V
								2.5	44.0	13	-55726	0	8308	3.50	6.13	-55726	0	48516	3	5.84	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-44524	12471	0	3.50	9.21	-44522	16723	0	3	1.34	V
								2.5	44.0	10	-56210	0	24378	3.50	6.12	-56211	0	48562	3	1.99	V
56	491	Piano 2	19	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-34285	-11087	0	3.50	9.96	-34286	-16004	0	3	1.44	V
								2.5	44.0	38G	-30707	0	21819	3.50	7.34	-30706	0	65152	3	2.99	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-32901	-18892	0	3.50	10.07	-32901	-22723	0	3	1.20	V
								2.5	44.0	13	-49176	0	9174	3.50	6.39	-49177	0	47881	3	5.22	V
57	606	Piano 3	19	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													

								2.5	44.0	15	-16068	-6453	0	3.50	11.39	-16070	-14700	0	3	2.28	V
								2.5	44.0	6	-14243	0	24650	3.50	8.40	-14244	0	43211	3	1.75	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-16201	-15313	0	3.50	11.38	-16202	-21013	0	3	1.37	V
								2.5	44.0	7	-16276	0	-18798	3.50	8.26	-16277	0	-43512	3	2.31	V
58	374	Piano 1	20	3	2.00	3.50	Testa	Armatura: 8 Ø 24 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	55.0	36G	-36386	-25611	0	3.50	7.41	-36386	-26798	0	3	1.05	V
								2.5	55.0	39G	-36386	0	-13837	3.50	4.65	-36386	0	-45491	3	3.29	V
							Piede	Armatura: 8 Ø 24 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	55.0	19	-61592	-8250	0	3.50	5.88	-61592	-20412	0	3	2.47	V
								2.5	55.0	10	-90336	0	10861	3.50	3.25	-90336	0	33135	3	3.05	V
59	492	Piano 2	20	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)													
								2.5	63.3	36G	-21337	-25611	0	3.50	7.37	-21338	-28337	0	3	1.11	V
								2.5	63.3	39G	-21337	0	-13837	3.50	4.25	-21336	0	-37617	3	2.72	V
							Piede	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)													
								2.5	63.3	36G	-22556	-25611	0	3.50	7.29	-22557	-28455	0	3	1.11	V
								2.5	63.3	39G	-22556	0	-13837	3.50	4.21	-22555	0	-37688	3	2.72	V
60	607	Piano 3	20	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)													
								2.5	63.3	36G	-6550	-25611	0	3.50	8.27	-6549	-26879	0	3	1.05	V
								2.5	63.3	12	-33683	0	-9227	3.50	3.95	-33681	0	-26601	3	2.88	V
							Piede	Armatura: 4 Ø 24 (R), 5 Ø 24 (A), 5 Ø 24 (B)													
								2.5	63.3	36G	-7638	-25611	0	3.50	8.20	-7636	-26987	0	3	1.05	V
								2.5	63.3	39G	-7638	0	-13837	3.50	4.68	-7638	0	-36794	3	2.66	V
61	650	Piano 4	20	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 6 Ø 24 (A), 6 Ø 24 (B)													
								2.5	72.4	20	-3238	3109	0	3.50	8.16	-3236	21124	0	3	6.79	V
								2.5	72.4	8	5910	0	9806	3.50	4.79	5910	0	27719	3	2.83	V
							Piede	Armatura: 4 Ø 24 (R), 6 Ø 24 (A), 6 Ø 24 (B)													
								2.5	72.4	36G	5337	-25611	0	3.50	8.65	5334	-29321	0	3	1.14	V
								2.5	72.4	8	4991	0	-10560	3.50	4.76	4991	0	-27749	3	2.63	V
62	375	Piano 1	21	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	37G	-44480	31859	0	3.50	7.22	-44482	33959	0	3	1.07	V
								2.5	69.1	39G	-44480	0	-19208	3.50	5.66	-44479	0	-93557	3	4.87	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	19	-61398	-12319	0	3.50	6.39	-61398	-24877	0	3	2.02	V
								2.5	69.1	10	-98771	0	26097	3.50	4.21	-98770	0	69023	3	2.64	V
63	493	Piano 2	21	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-32091	-28743	0	3.50	7.87	-32093	-32767	0	3	1.14	V
								2.5	69.1	8	-32757	0	18861	3.50	6.07	-32758	0	64390	3	3.41	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	37G	-34284	31859	0	3.50	7.75	-34284	32980	0	3	1.04	V
								2.5	69.1	13	-64599	0	21785	3.50	5.09	-64599	0	66921	3	3.07	V
64	608	Piano 3	21	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	37G	-20467	28741	0	3.50	8.50	-20465	31626	0	3	1.10	V
								2.5	69.1	7	-33993	0	20994	3.50	6.02	-33993	0	64519	3	3.07	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-22424	-28743	0	3.50	8.39	-22427	-31819	0	3	1.11	V
								2.5	69.1	7	-35951	0	-14687	3.50	5.95	-35952	0	-64723	3	4.41	V
65	651	Piano 4	21	1	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 6 Ø 24 (A), 6 Ø 24 (B)													
								2.5	72.4	2	-15099	7584	0	3.50	7.51	-15099	21947	0	3	2.89	V
								2.5	72.4	11	-3354	0	-11083	3.50	4.56	-3352	0	-28021	3	2.53	V
							Piede	Armatura: 4 Ø 24 (R), 6 Ø 24 (A), 6 Ø 24 (B)													
								2.5	72.4	37G	-4273	28741	0	3.50	8.11	-4275	30281	0	3	1.05	V
								2.5	72.4	38G	-4273	0	16660	3.50	4.53	-4273	0	40073	3	2.41	V
66	376	Piano 1	22	15	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-18835	-28747	0	3.50	9.05	-18837	-31633	0	3	1.10	V
								2.5	69.1	13	-19145	0	8241	3.50	7.14	-19145	0	71937	3	8.73	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	19	-53783	-14296	0	3.50	7.23	-53783	-24526	0	3	1.72	V
								2.5	69.1	10	-22626	0	28969	3.50	7.00	-22626	0	72366	3	2.50	V
67	494	Piano 2	22	15	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-9374	-28747	0	3.50	9.58	-9374	-30682	0	3	1.07	V
								2.5	69.1	11	-10354	0	-17478	3.50	7.48	-10354	0	-70777	3	4.05	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-11811	-28747	0	3.50	9.44	-11810	-30928	0	3	1.08	V
								2.5	69.1	13	-11826	0	19815	3.50	7.43	-11826	0	70974	3	3.58	V
68	609	Piano 3	22	15	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	19	-13226	9775	0	3.50	9.36	-13226	21749	0	3	2.23	V
								2.5	69.1	13	-3619	0	-14133	3.50	7.74	-3619	0	-69872	3	4.94	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-5747	-28747	0	3.50	9.79	-5747	-30315	0	3	1.05	V
								2.5	69.1	39G	-5747	0	-13368	3.50	7.66	-5748	0	-100227	3	7.50	V
69	377	Piano 1	23	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-30018	-21524	0	3.50	10.29	-30017	-22430	0	3	1.04	V
								2.5	44.0	6	-30306	0	-10884	3.50	7.37	-30306	0	-45549	3	4.18	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-37002	13277	0	3.50	9.76	-37003	16196	0	3	1.22	V
								2.5	44.0	9	-32919	0	-23902	3.50	7.21	-32919	0	-45920	3	1.92	V
70	495	Piano 2	23	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-21299	-17433	0	3.50	10.97	-21299	-21539	0	3	1.24	V
								2.5	44.0	39G	-21299	0	-19056	3.50	7.93	-21299	0	-63213	3	3.32	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-23493	-21524	0	3.50	10.80	-23491	-21764	0	3	1.01	V
								2.5	44.0	6	-23788	0	-11919	3.50	7.77	-23788	0	-44611	3	3.74	V
71	610	Piano 3	23	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-11304	-7724	0	3.50	11.78	-11303	-14354	0	3	1.86	V
								2.5	44.0	12	-16335	0	-21965	3.50	8.26	-16335	0	-43520	3	1.98	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-11271	-17433	0	3.50	11.79	-11271	-20503	0	3	1.18	V
								2.5	44.0	3	-21733	0	18826	3.50	7.91	-21733	0	44312	3	2.35	V

72	378	Piano 1	24	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-34471	-18892	0	3.50	9.95	-34470	-22882	0	3	1.21	V
								2.5	44.0	13	-35883	0	8453	3.50	7.03	-35883	0	46338	3	5.48	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-48281	12476	0	3.50	8.94	-48280	16984	0	3	1.36	V
								2.5	44.0	10	-36665	0	26169	3.50	6.99	-36665	0	46447	3	1.77	V
73	496	Piano 2	24	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-27410	-15313	0	3.50	10.49	-27410	-22165	0	3	1.45	V
								2.5	44.0	38G	-27410	0	19056	3.50	7.55	-27409	0	64477	3	3.38	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-29604	-18892	0	3.50	10.32	-29605	-22388	0	3	1.19	V
								2.5	44.0	13	-30841	0	7122	3.50	7.34	-30841	0	45625	3	6.41	V
74	611	Piano 3	24	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-17863	-6427	0	3.50	11.25	-17863	-14830	0	3	2.31	V
								2.5	44.0	7	-21407	0	25063	3.50	7.93	-21407	0	44265	3	1.77	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-14795	-15313	0	3.50	11.50	-14795	-20868	0	3	1.36	V
								2.5	44.0	3	-28754	0	-19808	3.50	7.46	-28755	0	-45327	3	2.29	V
75	379	Piano 1	25	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-30886	-21524	0	3.50	10.22	-30886	-22519	0	3	1.05	V
								2.5	44.0	9	-32090	0	-10566	3.50	7.26	-32089	0	-45803	3	4.33	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-36600	13588	0	3.50	9.79	-36601	16168	0	3	1.19	V
								2.5	44.0	9	-34284	0	-27101	3.50	7.13	-34285	0	-46113	3	1.70	V
76	497	Piano 2	25	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-21782	-17433	0	3.50	10.93	-21780	-21588	0	3	1.24	V
								2.5	44.0	39G	-21782	0	-20016	3.50	7.90	-21782	0	-63313	3	3.16	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-23976	-21524	0	3.50	10.76	-23976	-21814	0	3	1.01	V
								2.5	44.0	9	-24837	0	-11206	3.50	7.71	-24838	0	-44763	3	3.99	V
77	612	Piano 3	25	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-11235	-7873	0	3.50	11.79	-11235	-14349	0	3	1.82	V
								2.5	44.0	10	-15650	0	-22478	3.50	8.30	-15649	0	-43419	3	1.93	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-11586	-17433	0	3.50	11.76	-11588	-20536	0	3	1.18	V
								2.5	44.0	12	-18012	0	18280	3.50	8.15	-18012	0	43767	3	2.39	V
78	380	Piano 1	26	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-39470	-18892	0	3.50	9.58	-39470	-23385	0	3	1.24	V
								2.5	44.0	11	-40068	0	4558	3.50	6.79	-40068	0	46921	3	10.29	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	20	-46893	-12213	0	3.50	9.04	-46893	-16888	0	3	1.38	V
								2.5	44.0	12	-41700	0	31656	3.50	6.70	-41701	0	47146	3	1.49	V
79	498	Piano 2	26	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-30557	-15313	0	3.50	10.25	-30557	-22485	0	3	1.47	V
								2.5	44.0	38G	-30557	0	22779	3.50	7.35	-30557	0	65121	3	2.86	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-32751	-18892	0	3.50	10.08	-32750	-22708	0	3	1.20	V
								2.5	44.0	11	-33037	0	5453	3.50	7.20	-33037	0	45937	3	8.42	V
80	613	Piano 3	26	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-19623	-6235	0	3.50	11.11	-19626	-14957	0	3	2.40	V
								2.5	44.0	9	-23058	0	27345	3.50	7.82	-23058	0	44505	3	1.63	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-16070	-15313	0	3.50	11.39	-16070	-21000	0	3	1.37	V
								2.5	44.0	7	-24836	0	-20310	3.50	7.71	-24835	0	-44763	3	2.20	V
81	381	Piano 1	27	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-18585	-20935	0	3.50	7.39	-18585	-23220	0	3	1.11	V
								2.5	50.3	38G	-18585	0	11988	3.50	5.80	-18586	0	43239	3	3.61	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	14	-39747	8000	0	3.50	5.90	-39748	17630	0	3	2.20	V
								2.5	50.3	7	-20048	0	-11902	3.50	5.74	-20049	0	-30353	3	2.55	V
82	499	Piano 2	27	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-14919	-20935	0	3.50	7.67	-14919	-22866	0	3	1.09	V
								2.5	50.3	7	-14919	0	7950	3.50	5.96	-14919	0	30051	3	3.78	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-16381	-20935	0	3.50	7.56	-16381	-23007	0	3	1.10	V
								2.5	50.3	38G	-16381	0	11988	3.50	5.90	-16381	0	43054	3	3.59	V
83	614	Piano 3	27	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-11432	-20935	0	3.50	7.94	-11433	-22527	0	3	1.08	V
								2.5	50.3	7	-11660	0	9637	3.50	6.11	-11660	0	29858	3	3.10	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-12737	-20935	0	3.50	7.84	-12738	-22654	0	3	1.08	V
								2.5	50.3	7	-12965	0	-7059	3.50	6.05	-12965	0	-29936	3	4.24	V
84	652	Piano 4	27	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	11	-2544	-3126	0	3.50	8.65	-2545	-15155	0	3	4.85	V
								2.5	50.3	13	-2743	0	-7462	3.50	6.55	-2743	0	-29274	3	3.92	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	50.3	36G	-3307	-20935	0	3.50	8.59	-3307	-21726	0	3	1.04	V
								2.5	50.3	10	-3307	0	-7257	3.50	6.51	-3306	0	-29324	3	4.04	V
85	382	Piano 1	28	12	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	31.4	36G	-14735	-8134	0	3.50	6.30	-14736	-14753	0	3	1.81	V
								2.5	31.4	38G	-14735	0	15316	3.50	5.95	-14735	0	18971	3	1.24	V
							Piede	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												

								2.5	31.4	16	-15710	5184	0	3.50	6.19	-15710	10388	0	3	2.00	V
								2.5	31.4	10	-18123	0	4680	3.50	5.63	-18123	0	13444	3	2.87	V
86	500	Piano 2	28	12	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	31.4	36G	-14291	-8134	0	3.50	6.35	-14291	-14712	0	3	1.81	V
								2.5	31.4	38G	-14291	0	13200	3.50	5.99	-14290	0	18940	3	1.43	V
							Piede	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	31.4	36G	-15266	-8134	0	3.50	6.24	-15266	-14800	0	3	1.82	V
								2.5	31.4	38G	-15266	0	15316	3.50	5.90	-15266	0	19008	3	1.24	V
87	615	Piano 3	28	12	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	31.4	14	-9716	-3212	0	3.50	6.88	-9716	-10005	0	3	3.11	V
								2.5	31.4	12	-14313	0	-5930	3.50	5.99	-14313	0	-13259	3	2.24	V
							Piede	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	31.4	36G	-8402	-8134	0	3.50	7.04	-8402	-14169	0	3	1.74	V
								2.5	31.4	38G	-8402	0	13200	3.50	6.58	-8402	0	18523	3	1.40	V
88	383	Piano 1	29	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	36G	-39145	-20917	0	3.50	5.94	-39145	-25131	0	3	1.20	V
								2.5	50.3	38G	-39145	0	15628	3.50	4.94	-39145	0	44928	3	2.87	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	16	-44712	8422	0	3.50	5.49	-44711	17848	0	3	2.12	V
								2.5	50.3	9	-47477	0	-12746	3.50	4.61	-47477	0	-31910	3	2.50	V
89	501	Piano 2	29	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	36G	-28879	-20917	0	3.50	6.64	-28879	-24193	0	3	1.16	V
								2.5	50.3	10	-38136	0	-13730	3.50	4.98	-38137	0	-31393	3	2.29	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	36G	-30341	-20917	0	3.50	6.54	-30342	-24329	0	3	1.16	V
								2.5	50.3	10	-39599	0	13989	3.50	4.92	-39599	0	31475	3	2.25	V
90	616	Piano 3	29	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	36G	-16713	-20917	0	3.50	7.54	-16713	-23039	0	3	1.10	V
								2.5	50.3	10	-16713	0	-13974	3.50	5.88	-16713	0	-30157	3	2.16	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	36G	-18018	-20917	0	3.50	7.44	-18017	-23165	0	3	1.11	V
								2.5	50.3	39G	-18018	0	-17742	3.50	5.83	-18017	0	-43191	3	2.43	V
91	653	Piano 4	29	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	16	-11217	-5122	0	3.50	7.96	-11218	-15754	0	3	3.08	V
								2.5	50.3	13	-10053	0	-13009	3.50	6.18	-10054	0	-29763	3	2.29	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	50.3	36G	-10246	-20917	0	3.50	8.03	-10246	-22411	0	3	1.07	V
								2.5	50.3	38G	-10246	0	15628	3.50	6.17	-10245	0	42535	3	2.72	V
92	384	Piano 1	30	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	37G	-25026	15939	0	3.50	9.14	-25025	18877	0	3	1.18	V
								2.5	37.7	39G	-25026	0	-18893	3.50	6.70	-25027	0	-35257	3	1.87	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	19	-60151	-8555	0	3.50	6.21	-60152	-15564	0	3	1.82	V
								2.5	37.7	10	-26489	0	12281	3.50	6.60	-26489	0	24810	3	2.02	V
93	502	Piano 2	30	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-17186	-12807	0	3.50	9.88	-17186	-18086	0	3	1.41	V
								2.5	37.7	10	-17186	0	-13767	3.50	7.25	-17186	0	-23971	3	1.74	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	37G	-18648	15939	0	3.50	9.74	-18648	18234	0	3	1.14	V
								2.5	37.7	10	-18648	0	14341	3.50	7.15	-18649	0	24104	3	1.68	V
94	617	Piano 3	30	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-8401	-12807	0	3.50	10.74	-8402	-17188	0	3	1.34	V
								2.5	37.7	10	-8668	0	-13325	3.50	7.87	-8668	0	-23185	3	1.74	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-9706	-12807	0	3.50	10.61	-9705	-17322	0	3	1.35	V
								2.5	37.7	39G	-9706	0	-18893	3.50	7.80	-9706	0	-33259	3	1.76	V
95	654	Piano 4	30	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	13	587	4549	0	3.50	11.66	589	11381	0	3	2.50	V
								2.5	37.7	8	-14321	0	9256	3.50	7.46	-14321	0	23708	3	2.56	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	52	-12807	0	3.50	11.60	53	-16314	0	3	1.27	V
								2.5	37.7	38G	52	0	16268	3.50	8.54	52	0	31956	3	1.96	V
96	385	Piano 1	31	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-9142	-28747	0	3.50	9.14	-9142	-30496	0	3	1.06	V
								2.5	69.1	39G	-9142	0	-13382	3.50	7.01	-9141	0	-88339	3	6.60	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	16	-34035	12616	0	3.50	7.76	-34035	23069	0	3	1.83	V
								2.5	69.1	10	-11336	0	27201	3.50	6.93	-11335	0	62094	3	2.28	V
97	503	Piano 2	31	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-4036	-28747	0	3.50	9.43	-4036	-29982	0	3	1.04	V
								2.5	69.1	10	-4036	0	-14333	3.50	7.21	-4037	0	-61236	3	4.27	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-6230	-28747	0	3.50	9.31	-6233	-30203	0	3	1.05	V
								2.5	69.1	10	-6230	0	14337	3.50	7.12	-6230	0	61494	3	4.29	V
98	618	Piano 3	31	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	19	-16738	9269	0	3.50	8.71	-16737	21879	0	3	2.36	V
								2.5	69.1	10	-1865	0	-12774	3.50	7.29	-1865	0	-60979	3	4.77	V
							Piede	Armatura: 8 Ø 20 (R), 6 Ø 20 (A), 6 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	69.1	36G	-3822	-28747	0	3.50	9.45	-3824	-29960	0	3	1.04	V
								2.5	69.1	39G	-3822	0	-13382	3.50	7.22	-3821	0	-87443	3	6.53	V
99	386	Piano 1	32	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-8792	-16268	0	3.50	3.57	-8791	-25008	0	3	1.54	V
								2.5	72.4	38G	-8792	0	8134	3.50	3.57	-8791	0	25008	3	3.07	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	19	-11796	-4206	0	3.50	3.45	-11796	-17561	0	3	4.18	V
								2.5	72.4	9	-9524	0	-2070	3.50	3.54	-9524	0	-17519	3	8.46	V
100	504	Piano 2	32	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	37G	-7289	16268	0	3.50	3.63	-7290	24968	0	3	1.53	V
								2.5	72.4	38G	-7289	0	8134	3.50	3.63	-7290	0	24968	3	3.07	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-8020	-16268	0	3.50	3.60	-8020	-24987	0	3	1.54	V

								2.5	72.4	38G	-8020	0	8134	3.50	3.60	-8020	0	24987	3	3.07	V
101	619	Piano 3	32	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-4075	-16268	0	3.50	3.76	-4074	-24881	0	3	1.53	V
								2.5	72.4	38G	-4075	0	8134	3.50	3.76	-4074	0	24881	3	3.06	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	37G	-4727	16268	0	3.50	3.73	-4727	24899	0	3	1.53	V
								2.5	72.4	38G	-4727	0	8134	3.50	3.73	-4727	0	24899	3	3.06	V
102	655	Piano 4	32	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	17	-252	-1624	0	3.50	3.92	-252	-17344	0	3	10.68	V
								2.5	72.4	10	-105	0	-1384	3.50	3.92	-104	0	-17341	3	12.53	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	37G	-597	16268	0	3.50	3.90	-596	24787	0	3	1.52	V
								2.5	72.4	38G	-597	0	8134	3.50	3.90	-596	0	24787	3	3.05	V
103	387	Piano 1	33	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-4882	-16247	0	3.50	3.73	-4882	-24903	0	3	1.53	V
								2.5	72.4	39G	-4882	0	-8714	3.50	3.73	-4882	0	-24903	3	2.86	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	19	-15176	-4293	0	3.50	3.31	-15176	-17623	0	3	4.11	V
								2.5	72.4	9	-22099	0	-2032	3.50	3.11	-22098	0	-17648	3	8.68	V
104	505	Piano 2	33	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-5203	-16247	0	3.50	3.71	-5203	-24912	0	3	1.53	V
								2.5	72.4	39G	-5203	0	-8714	3.50	3.71	-5203	0	-24912	3	2.86	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-5934	-16247	0	3.50	3.68	-5934	-24931	0	3	1.53	V
								2.5	72.4	39G	-5934	0	-8714	3.50	3.68	-5934	0	-24931	3	2.86	V
105	620	Piano 3	33	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-4432	-16247	0	3.50	3.75	-4431	-24891	0	3	1.53	V
								2.5	72.4	39G	-4432	0	-8714	3.50	3.75	-4431	0	-24891	3	2.86	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-5085	-16247	0	3.50	3.72	-5085	-24908	0	3	1.53	V
								2.5	72.4	39G	-5085	0	-8714	3.50	3.72	-5085	0	-24908	3	2.86	V
106	656	Piano 4	33	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	10	-4054	-1859	0	3.50	3.76	-4054	-17416	0	3	9.37	V
								2.5	72.4	9	-87	0	1338	3.50	3.92	-87	0	17341	3	12.96	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)													
								2.5	72.4	36G	-460	-16247	0	3.50	3.91	-460	-24783	0	3	1.53	V
								2.5	72.4	39G	-460	0	-8714	3.50	3.91	-460	0	-24783	3	2.84	V
107	388	Piano 1	34	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-26513	-21524	0	3.50	10.56	-26513	-22073	0	3	1.03	V
								2.5	44.0	9	-27344	0	-10444	3.50	7.55	-27345	0	-45125	3	4.32	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-33822	14009	0	3.50	10.00	-33821	15971	0	3	1.14	V
								2.5	44.0	7	-28707	0	-31803	3.50	7.47	-28708	0	-45321	3	1.43	V
108	506	Piano 2	34	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-19670	-17427	0	3.50	11.10	-19671	-21371	0	3	1.23	V
								2.5	44.0	39G	-19670	0	-23898	3.50	8.04	-19670	0	-62872	3	2.63	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-21864	-21524	0	3.50	10.93	-21862	-21597	0	3	1.00	V
								2.5	44.0	9	-21864	0	-9112	3.50	7.90	-21864	0	-44331	3	4.87	V
109	621	Piano 3	34	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	15	-10353	-8400	0	3.50	11.86	-10356	-14285	0	3	1.70	V
								2.5	44.0	10	-16780	0	-24479	3.50	8.23	-16781	0	-43586	3	1.78	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-9775	-17427	0	3.50	11.91	-9772	-20347	0	3	1.17	V
								2.5	44.0	12	-19197	0	19780	3.50	8.07	-19197	0	43941	3	2.22	V
110	389	Piano 1	35	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-25571	-18878	0	3.50	10.63	-25573	-21977	0	3	1.16	V
								2.5	44.0	10	-27379	0	6256	3.50	7.55	-27378	0	45130	3	7.21	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	20	-38944	-11604	0	3.50	9.61	-38946	-16333	0	3	1.41	V
								2.5	44.0	10	-29573	0	30566	3.50	7.41	-29573	0	45444	3	1.49	V
111	507	Piano 2	35	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-22104	-15301	0	3.50	10.91	-22104	-21622	0	3	1.41	V
								2.5	44.0	38G	-22104	0	24297	3.50	7.88	-22104	0	63380	3	2.61	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-24298	-18878	0	3.50	10.73	-24298	-21847	0	3	1.16	V
								2.5	44.0	10	-25595	0	6559	3.50	7.66	-25595	0	44873	3	6.84	V
112	622	Piano 3	35	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	16	-16604	-6090	0	3.50	11.35	-16604	-14739	0	3	2.42	V
								2.5	44.0	9	-23879	0	28953	3.50	7.77	-23879	0	44624	3	1.54	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	-13543	-15301	0	3.50	11.60	-13543	-20738	0	3	1.36	V
								2.5	44.0	7	-26203	0	-21381	3.50	7.62	-26202	0	-44960	3	2.10	V
113	390	Piano 1	36	12	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B)													
								2.5	45.2	36G	-3259	-16256	0	3.50	8.71	-3258	-19129	0	3	1.18	V
								2.5	45.2	38G	-3259	0	7180	3.50	4.84	-3260	0	21438	3	2.99	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B)													
								2.5	45.2	19	-26483	-5550	0	3.50	6.78	-26484	-14982	0	3	2.70	V
								2.5	45.2	9	-8115	0	-5086	3.50	4.64	-8114	0	-15147	3	2.98	V
114	508	Piano 2	36	12	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B)													
								2.5	45.2	36G	-4629	-16256	0	3.50	8.59	-4629	-19266	0	3	1.19	V
								2.5	45.2	38G	-4629	0	7180	3.50	4.79	-4629	0	21494	3	2.99	V

							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B)												
								2.5	45.2	36G	-5604	-16256	0	3.50	8.51	-5604	-19363	0	3	1.19	V
								2.5	45.2	38G	-5604	0	7180	3.50	4.74	-5603	0	21535	3	3.00	V
115	623	Piano 3	36	12	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B)												
								2.5	45.2	16	-12280	-3643	0	3.50	7.94	-12281	-14017	0	3	3.85	V
								2.5	45.2	9	-4225	0	4849	3.50	4.80	-4225	0	15034	3	3.10	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B)												
								2.5	45.2	36G	-5095	-16256	0	3.50	8.55	-5094	-19312	0	3	1.19	V
								2.5	45.2	38G	-5095	0	7180	3.50	4.77	-5094	0	21514	3	3.00	V
116	391	Piano 1	37	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 1 Ø 24 (A), 1 Ø 24 (B), 1 Ø 24 (C), 1 Ø 24 (D)												
								2.5	36.2	37G	-6471	8134	0	3.50	5.01	-6470	14761	0	3	1.81	V
								2.5	36.2	38G	-6471	0	14734	3.50	5.01	-6470	0	14761	3	1.00	V
							Piede	Armatura: 4 Ø 24 (R), 1 Ø 24 (A), 1 Ø 24 (B), 1 Ø 24 (C), 1 Ø 24 (D)												
								2.5	36.2	19	-9068	-4063	0	3.50	4.84	-9068	-10364	0	3	2.55	V
								2.5	36.2	9	-15625	0	-2581	3.50	4.43	-15624	0	-10443	3	4.05	V
117	509	Piano 2	37	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 1 Ø 24 (A), 1 Ø 24 (B), 1 Ø 24 (C), 1 Ø 24 (D)												
								2.5	36.2	37G	-6426	8134	0	3.50	5.01	-6426	14760	0	3	1.81	V
								2.5	36.2	38G	-6426	0	14734	3.50	5.01	-6426	0	14760	3	1.00	V
							Piede	Armatura: 4 Ø 24 (R), 1 Ø 24 (A), 1 Ø 24 (B), 1 Ø 24 (C), 1 Ø 24 (D)												
								2.5	36.2	37G	-7158	8134	0	3.50	4.96	-7158	14773	0	3	1.82	V
								2.5	36.2	39G	-7158	0	-14734	3.50	4.96	-7158	0	-14773	3	1.00	V
118	624	Piano 3	37	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)												
								2.5	72.4	37G	-2579	8134	0	3.50	3.82	-2579	24841	0	3	3.05	V
								2.5	72.4	39G	-2579	0	-14734	3.50	3.82	-2579	0	-24841	3	1.69	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)												
								2.5	72.4	37G	-3232	8134	0	3.50	3.79	-3232	24858	0	3	3.06	V
								2.5	72.4	38G	-3232	0	14734	3.50	3.79	-3232	0	24858	3	1.69	V
119	657	Piano 4	37	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)												
								2.5	72.4	17	-4201	-1601	0	3.50	3.75	-4201	-17419	0	3	10.88	V
								2.5	72.4	9	1003	0	1709	3.50	3.97	1003	0	17320	3	10.14	V
							Piede	Armatura: 4 Ø 24 (R), 3 Ø 24 (A), 3 Ø 24 (B), 3 Ø 24 (C), 3 Ø 24 (D)												
								2.5	72.4	37G	463	8134	0	3.50	3.95	462	24758	0	3	3.04	V
								2.5	72.4	39G	463	0	-14734	3.50	3.95	462	0	-24758	3	1.68	V
120	392	Piano 1	38	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	37G	5003	8134	0	3.50	7.35	5002	12250	0	3	1.51	V
								2.5	30.7	39G	5003	0	-8134	3.50	7.35	5002	0	-12250	3	1.51	V
							Piede	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	19	-1942	-4162	0	3.50	6.42	-1942	-9032	0	3	2.17	V
								2.5	30.7	12	2998	0	2149	3.50	7.07	2998	0	8709	3	4.05	V
121	510	Piano 2	38	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	37G	71	8134	0	3.50	6.69	72	12716	0	3	1.56	V
								2.5	30.7	39G	71	0	-8134	3.50	6.69	72	0	-12716	3	1.56	V
							Piede	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	37G	-660	8134	0	3.50	6.59	-660	12784	0	3	1.57	V
								2.5	30.7	39G	-660	0	-8134	3.50	6.59	-660	0	-12784	3	1.57	V
122	625	Piano 3	38	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	37G	-4055	8134	0	3.50	6.16	-4056	13096	0	3	1.61	V
								2.5	30.7	39G	-4055	0	-8134	3.50	6.16	-4055	0	-13096	3	1.61	V
							Piede	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	37G	-4707	8134	0	3.50	6.07	-4707	13155	0	3	1.62	V
								2.5	30.7	39G	-4707	0	-8134	3.50	6.07	-4707	0	-13155	3	1.62	V
123	658	Piano 4	38	4	2.00	3.50	Testa	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	21	-9362	1722	0	3.50	5.54	-9362	9460	0	3	5.49	V
								2.5	30.7	9	-5764	0	1602	3.50	5.94	-5764	0	9275	3	5.79	V
							Piede	Armatura: 4 Ø 24 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	30.7	37G	-3853	8134	0	3.50	6.18	-3853	13078	0	3	1.61	V
								2.5	30.7	39G	-3853	0	-8134	3.50	6.18	-3852	0	-13078	3	1.61	V
124	393	Piano 1	39	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-30303	-22280	0	3.50	10.27	-30301	-22459	0	3	1.01	V
								2.5	44.0	39G	-30303	0	-13927	3.50	7.37	-30303	0	-65069	3	4.67	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-47446	14081	0	3.50	9.00	-47446	16926	0	3	1.20	V
								2.5	44.0	7	-38647	0	-46692	3.50	6.87	-38647	0	-46724	3	1.00	V
125	511	Piano 2	39	7	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)												
								2.5	56.5	36G	-19656	-17653	0	3.50	10.28	-19659	-26505	0	3	1.50	V
								2.5	56.5	10	-30523	0	-19731	3.50	6.92	-30523	0	-54977	3	2.79	V
							Piede	Armatura: 8 Ø 20 (R), 5 Ø 20 (A), 5 Ø 20 (B)												
								2.5	56.5	36G	-21849	-22280	0	3.50	10.14	-21850	-26729	0	3	1.20	V
								2.5	56.5	10	-32717	0	17210	3.50	6.80	-32717	0	55281	3	3.21	V
126	626	Piano 3	39	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	15	-11347	-6438	0	3.50	11.78	-11348	-14357	0	3	2.23	V
								2.5	44.0	10	-11008	0	-18289	3.50	8.62	-11008	0	-42730	3	2.34	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)												
								2.5	44.0	36G	-7252	-17653	0	3.50	12.12	-7254	-20085	0	3	1.14	V
								2.5	44.0	39G	-7252	0	-19600	3.50	8.88	-7252	0	-60240	3	3.07	V
127	394	Piano 1	41	16	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	44.0	37G	452	14171	0	3.50	9.95	451	18950	0	3	1.34	V
								2.5	44.0	39G	452	0	-33081	3.50	9.57	452	0	-46302	3	1.40	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	44.0	19	-1254	-8571	0	3.50	9.79	-1254	-13386	0	3	1.56	V
								2.5	44.0	9	-3603	0	-31255	3.50	9.25	-3603	0	-32873	3	1.05	V
128	512	Piano 2	41	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	44.0	37G	-266	11552	0	3.50	9.16	-266	18859	0	3	1.63	V
								2.5	44.0	39G	-266	0	-32957	3.50	8.51	-266	0	-38268	3	1.16	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	44.0	37G	-1728	14171	0	3.50	9.03	-1728	19006	0	3	1.34	V
								2.5	44.0	39G	-1728	0	-33081	3.50	8.40	-1729	0	-38464	3	1.16	V
129	627	Piano 3	41	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	44.0	37G	773	8798	0	3.50	9.26	772	18755	0	3	2.13	V

								2.5	44.0	9	773	0	19709	3.50	8.60	772	0	26690	3	1.35	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	44.0	37G	-532	11552	0	3.50	9.14	-532	18886	0	3	1.63	V
								2.5	44.0	39G	-532	0	-32957	3.50	8.49	-532	0	-38304	3	1.16	V
130	659	Piano 4	41	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	37.7	11	-10630	-3702	0	3.50	8.51	-10629	-12128	0	3	3.28	V
								2.5	37.7	10	-11786	0	-9751	3.50	6.58	-11786	0	-24514	3	2.51	V
							Piede	Armatura: 8 Ø 20 (R), 1 Ø 20 (A), 1 Ø 20 (B), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	37.7	37G	1229	8798	0	3.50	9.73	1229	16147	0	3	1.84	V
								2.5	37.7	39G	1229	0	-27076	3.50	7.76	1230	0	-33474	3	1.24	V
131	395	Piano 1	42	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	17	-37996	-3366	0	3.50	8.55	-37997	-10528	0	3	3.13	V
								2.5	25.1	38G	-13163	0	24144	3.50	8.79	-13162	0	25954	3	1.07	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	19	-19165	-5169	0	3.50	10.85	-19164	-9210	0	3	1.78	V
								2.5	25.1	9	-14625	0	-17938	3.50	8.64	-14626	0	-18295	3	1.02	V
132	513	Piano 2	42	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	14	-23391	-4142	0	3.50	10.30	-23391	-9512	0	3	2.30	V
								2.5	25.1	9	-9991	0	17708	3.50	9.13	-9990	0	17893	3	1.01	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	14	-24854	3258	0	3.50	10.12	-24854	9615	0	3	2.95	V
								2.5	25.1	9	-11453	0	-17991	3.50	8.97	-11453	0	-18020	3	1.00	V
133	628	Piano 3	42	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	10	-8847	-3000	0	3.50	12.25	-8846	-8463	0	3	2.82	V
								2.5	25.1	10	-8847	0	-17361	3.50	9.25	-8847	0	-17793	3	1.02	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	3	-18201	2780	0	3.50	10.98	-18202	9141	0	3	3.29	V
								2.5	25.1	38G	-7453	0	24144	3.50	9.40	-7454	0	25245	3	1.05	V
134	660	Piano 4	42	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)													
								2.5	25.1	14	-6038	-2304	0	3.50	12.65	-6037	-8258	0	3	3.58	V
								2.5	25.1	12	2603	0	-11418	3.50	10.85	2603	0	-16722	3	1.46	V
							Piede	Armatura: 8 Ø 20 (R)													
								2.5	25.1	22	-4952	2660	0	3.50	12.80	-4951	8178	0	3	3.07	V
								2.5	25.1	38G	1523	0	18893	3.50	10.53	1523	0	24089	3	1.28	V
135	396	Piano 1	43	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-17320	-15939	0	3.50	9.87	-17319	-18099	0	3	1.14	V
								2.5	37.7	39G	-17320	0	-21524	3.50	7.24	-17320	0	-34261	3	1.59	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	19	-28160	-7351	0	3.50	8.86	-28159	-13433	0	3	1.83	V
								2.5	37.7	12	-18782	0	14940	3.50	7.14	-18783	0	24116	3	1.61	V
136	514	Piano 2	43	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-10168	-12807	0	3.50	10.57	-10166	-17369	0	3	1.36	V
								2.5	37.7	39G	-10168	0	-24144	3.50	7.76	-10167	0	-33321	3	1.38	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	-11631	-15939	0	3.50	10.42	-11633	-17520	0	3	1.10	V
								2.5	37.7	10	-14778	0	16981	3.50	7.42	-14778	0	23750	3	1.40	V
137	629	Piano 3	43	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	31.4	36G	-3101	-12807	0	3.50	9.77	-3102	-14021	0	3	1.09	V
								2.5	31.4	9	-4332	0	17983	3.50	9.75	-4333	0	21788	3	1.21	V
							Piede	Armatura: 8 Ø 20 (R), 1 Ø 20 (C), 1 Ø 20 (D)													
								2.5	31.4	36G	-4406	-12807	0	3.50	9.61	-4406	-14152	0	3	1.10	V
								2.5	31.4	39G	-4406	0	-24144	3.50	9.74	-4406	0	-31135	3	1.29	V
138	661	Piano 4	43	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	6	2196	-4098	0	3.50	11.83	2195	-11264	0	3	2.75	V
								2.5	37.7	6	2196	0	-6711	3.50	8.71	2196	0	-22167	3	3.30	V
							Piede	Armatura: 8 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B)													
								2.5	37.7	36G	1466	-12807	0	3.50	11.75	1467	-16167	0	3	1.26	V
								2.5	37.7	38G	1466	0	16268	3.50	8.65	1465	0	31765	3	1.95	V
139	397	Piano 1	44	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	9733	-15939	0	3.50	13.58	9736	-18303	0	3	1.15	V
								2.5	44.0	39G	9733	0	-13387	3.50	10.11	9732	0	-56556	3	4.22	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	19	-27940	-11765	0	3.50	10.45	-27939	-15553	0	3	1.32	V
								2.5	44.0	10	2262	0	28960	3.50	9.56	2262	0	40730	3	1.41	V
140	515	Piano 2	44	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	16	-12754	-10790	0	3.50	11.66	-12754	-14460	0	3	1.34	V
								2.5	44.0	10	4975	0	-16919	3.50	9.75	4975	0	-40317	3	2.38	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	5482	-15939	0	3.50	13.21	5481	-18751	0	3	1.18	V
								2.5	44.0	10	2781	0	16870	3.50	9.59	2781	0	40651	3	2.41	V
141	630	Piano 3	44	2	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	10	3110	-7999	0	3.50	13.00	3110	-13300	0	3	1.66	V
								2.5	44.0	9	-14049	0	17103	3.50	8.41	-14048	0	43182	3	2.52	V
							Piede	Armatura: 8 Ø 20 (R), 3 Ø 20 (A), 3 Ø 20 (B)													
								2.5	44.0	36G	1888	-12807	0	3.50	12.90	1887	-19129	0	3	1.49	V
								2.5	44.0	7	-16741	0	-10174	3.50	8.23	-16741	0	-43580	3	4.28	V

142	398	Piano 1	45	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	36G	-9316	-10787	0	3.50	12.18	-9317	-12140	0	3	1.13	V
								2.5	25.1	39G	-9316	0	-13643	3.50	9.20	-9315	0	-25477	3	1.87	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	15	-31655	8167	0	3.50	9.29	-31655	10092	0	3	1.24	V
								2.5	25.1	7	-20062	0	-16899	3.50	8.09	-20061	0	-18762	3	1.11	V
143	516	Piano 2	45	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	15	-11777	-8488	0	3.50	11.84	-11777	-8677	0	3	1.02	V
								2.5	25.1	12	-10256	0	-16807	3.50	9.10	-10256	0	-17916	3	1.07	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	36G	-4942	-10787	0	3.50	12.80	-4943	-11683	0	3	1.08	V
								2.5	25.1	10	-14236	0	14153	3.50	8.68	-14237	0	18261	3	1.29	V
144	399	Piano 1	46	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	36G	-3412	-8180	0	3.50	13.02	-3412	-11522	0	3	1.41	V
								2.5	25.1	38G	-3412	0	15930	3.50	9.85	-3411	0	24742	3	1.55	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	20	-7391	-6313	0	3.50	12.45	-7392	-8357	0	3	1.32	V
								2.5	25.1	10	-10112	0	15351	3.50	9.11	-10113	0	17903	3	1.17	V
145	517	Piano 2	46	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	31.4	20	-1988	6171	0	3.50	9.91	-1988	9737	0	3	1.58	V
								2.5	31.4	9	-13057	0	18912	3.50	8.80	-13058	0	22547	3	1.19	V
							Piede	Armatura: 8 Ø 20 (R), 1 Ø 20 (C), 1 Ø 20 (D)												
								2.5	31.4	36G	-1503	-8180	0	3.50	9.97	-1503	-13861	0	3	1.69	V
								2.5	31.4	9	-14542	0	-15612	3.50	8.65	-14543	0	-22676	3	1.45	V
146	400	Piano 1	50	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	19	-29655	2517	0	3.50	9.53	-29654	9953	0	3	3.95	V
								2.5	25.1	38G	-4563	0	16268	3.50	9.72	-4563	0	24885	3	1.53	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	16	-21666	6783	0	3.50	10.52	-21667	9389	0	3	1.38	V
								2.5	25.1	10	-6876	0	11254	3.50	9.46	-6875	0	17621	3	1.57	V
147	518	Piano 2	50	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	19	-19905	3010	0	3.50	10.75	-19904	9263	0	3	3.08	V
								2.5	25.1	39G	-5925	0	-18893	3.50	9.57	-5926	0	-25055	3	1.33	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	21	-14642	-2016	0	3.50	11.45	-14642	-8884	0	3	4.41	V
								2.5	25.1	13	-7388	0	13470	3.50	9.41	-7388	0	17666	3	1.31	V
148	631	Piano 3	50	3	2.00	3.50	Testa	Armatura: 8 Ø 20 (R)												
								2.5	25.1	19	-6933	1902	0	3.50	12.52	-6932	8324	0	3	4.38	V
								2.5	25.1	13	-11870	0	-11603	3.50	8.93	-11870	0	-18056	3	1.56	V
							Piede	Armatura: 8 Ø 20 (R)												
								2.5	25.1	9	-5936	-819	0	3.50	12.66	-5936	-8251	0	3	10.08	V
								2.5	25.1	39G	-5936	0	-18893	3.50	9.57	-5937	0	-25056	3	1.33	V

4.3.1.1.2 Verifiche SLV - Taglio.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Blocco:
1 : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
2 : tratto (mediano) nel quale le staffe vengono mantenute costanti;
3 : tratto (finale) nel quale le staffe vengono mantenute costanti;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;

Tagli Sollecitanti:
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{Ed}$; $V_{Ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{inf}) / 1_p$);
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{inf}) / 1_p$);
$\gamma_{Rd} = 1.3$;
Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;
Nbr_X : numero di bracci di cui è composta la staffa in direzione X;
Nbr_Y : numero di bracci di cui è composta la staffa in direzione Y;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 5.I

								Tagli Sollecitanti		Tagli Resistenti									
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Blocco**	**Cop [cm]**	**cot(θ)**	**Vsdxy [daN]**	**Vsdxz [daN]**	**Vrdxy [daN]**	**Vrdxz [daN]**	**ϕ [mm]**	**Nbr_X**	**Nbr_Y**	**DStaffe [cm]**	**Ltr [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**
1	346	Piano 1	1	2	1	2.5	1.0	11861	14100	47298	28213	10	2	4	10	90	3.99	2.00	V
					2	2.5	1.0	6939	6175	19708	11755	10	2	4	24	145	2.84	1.90	V
					3	2.5	1.0	11861	14100	47298	28213	10	2	4	10	90	3.99	2.00	V
2	473	Piano 2	1	2	1	2.5	1.0	24476	12496	47298	28213	10	2	4	10	90	1.93	2.26	V
					2	2.5	1.0	11622	5520	19708	11755	10	2	4	24	145	1.70	2.13	V
					3	2.5	1.0	24476	12496	47298	28213	10	2	4	10	90	1.93	2.26	V
3	588	Piano 3	1	2	1	2.5	1.0	11643	6756	47298	28213	10	2	4	10	90	4.06	4.18	V
					2	2.5	1.0	6500	3201	19708	11755	10	2	4	24	110	3.03	3.67	V
					3	2.5	1.0	11643	6756	47298	28213	10	2	4	10	90	4.06	4.18	V
4	347	Piano 1	2	3	1	2.5	1.0	7433	6250	30702	28213	10	2	4	10	60	4.13	4.51	V
					2	2.5	1.0	3595	2686	12793	11755	10	2	4	24	205	3.56	4.38	V
					3	2.5	1.0	7433	6250	30702	28213	10	2	4	10	60	4.13	4.51	V
5	474	Piano 2	2	3	1	2.5	1.0	17973	3496	30702	28213	10	2	4	10	60	1.71	8.07	V
					2	2.5	1.0	8028	1527	12793	11755	10	2	4	24	205	1.59	7.70	V
					3	2.5	1.0	17973	3496	30702	28213	10	2	4	10	60	1.71	8.07	V
6	589	Piano 3	2	3	1	2.5	1.0	18066	1612	30702	28213	10	2	4	10	60	1.70	17.50	V
					2	2.5	1.0	8308	779	12793	11755	10	2	4	24	170	1.54	15.09	V
					3	2.5	1.0	18066	1612	30702	28213	10	2	4	10	60	1.70	17.50	V
7	348	Piano 1	3	3	1	2.5	1.0	9005	6070	30702	28213	10	2	4	10	60	3.41	4.65	V
					2	2.5	1.0	4007	2595	12793	11755	10	2	4	24	205	3.19	4.53	V
					3	2.5	1.0	9005	6070	30702	28213	10	2	4	10	60	3.41	4.65	V
8	475	Piano 2	3	3	1	2.5	1.0	19294	3700	30702	28213	10	2	4	10	60	1.59	7.63	V
					2	2.5	1.0	8306	1727	12793	11755	10	2	4	24	205	1.54	6.81	V
					3	2.5	1.0	19294	3700	30702	28213	10	2	4	10	60	1.59	7.63	V
9	590	Piano 3	3	3	1	2.5	1.0	19421	2045	30702	28213	10	2	4	10	60	1.58	13.80	V
					2	2.5	1.0	8504	1108	12793	11755	10	2	4	24	170	1.50	10.61	V
					3	2.5	1.0	19421	2045	30702	28213	10	2	4	10	60	1.58	13.80	V
10	349	Piano 1	4	1	1	2.5	1.0	5815	6761	25170	14106	10	2	2	10	53	4.33	2.09	V
					2	2.5	1.0	9085	2989	10488	5878	10	2	2	24	210	1.15	1.97	V
					3	2.5	1.0	20149	2984	25170	14106	10	2	2	10	53	1.25	4.73	V
11	476	Piano 2	4	1	1	2.5	1.0	12885	7293	25170	14106	10	2	2	10	53	1.95	1.93	V
					2	2.5	1.0	5616	3558	10488	5878	10	2	2	24	210	1.87	1.65	V
					3	2.5	1.0	12885	7293	25170	14106	10	2	2	10	53	1.95	1.93	V
12	591	Piano 3	4	1	1	2.5	1.0	13808	5829	25170	14106	10	2	2	10	50	1.82	2.42	V
					2	2.5	1.0	6280	3181	10488	5878	10	2	2	24	180	1.67	1.85	V
					3	2.5	1.0	13808	5829	25170	14106	10	2	2	10	50	1.82	2.42	V
13	353	Piano 1	5	17	1	2.5	1.0	50380	10969	52553	31348	10	2	4	9	90	1.04	2.86	V
					2	2.5	1.0	878	1604	19708	11755	10	2	4	24	135	22.44	7.33	V
					3	2.5	1.0	13695	3998	47298	28213	10	2	4	10	90	3.45	7.06	V
14	477	Piano 2	5	2	1	2.5	1.0	37011	11211	47298	28213	10	2	4	10	90	1.28	2.52	V
					2	2.5	1.0	16838	5446	19708	11755	10	2	4	24	135	1.17	2.16	V
					3	2.5	1.0	37011	11211	47298	28213	10	2	4	10	90	1.28	2.52	V
15	592	Piano 3	5	2	1	2.5	1.0	15977	9958	47298	28213	10	2	4	10	90	2.96	2.83	V
					2	2.5	1.0	8210	5329	19708	11755	10	2	4	24	100	2.40	2.21	V
					3	2.5	1.0	15977	9958	47298	28213	10	2	4	10	90	2.96	2.83	V
16	357	Piano 1	6	2	1	2.5	1.0	56756	12461	59123	35266	10	2	4	8	90	1.04	2.83	V
					2	2.5	1.0	2014	2839	19708	11755	10	2	4	24	135	9.79	4.14	V
					3	2.5	1.0	8424	6460	47298	28213	10	2	4	10	90	5.61	4.37	V
17	478	Piano 2	6	2	1	2.5	1.0	30553	13323	47298	28213	10	2	4	10	90	1.55	2.12	V
					2	2.5	1.0	13938	6251	19708	11755	10	2	4	24	135	1.41	1.88	V
					3	2.5	1.0	30553	13323	47298	28213	10	2	4	10	90	1.55	2.12	V
18	593	Piano 3	6	2	1	2.5	1.0	8258	12002	47298	28213	10	2	4	10	90	5.73	2.35	V
					2	2.5	1.0	4665	5930	19708	11755	10	2	4	24	100	4.22	1.98	V
					3	2.5	1.0	8258	12002	47298	28213	10	2	4	10	90	5.73	2.35	V
19	361	Piano 1	7	2	1	2.5	1.0	9796	18362	47298	28213	10	2	4	10	90	4.83	1.54	V
					2	2.5	1.0	5932	8276	19708	11755	10	2	4	24	145	3.32	1.42	V
					3	2.5	1.0	9796	18362	47298	28213	10	2	4	10	90	4.83	1.54	V
20	479	Piano 2	7	2	1	2.5	1.0	21629	18558	47298	28213	10	2	4	10	90	2.19	1.52	V
					2	2.5	1.0	10080	8284	19708	11755	10	2	4	24	145	1.96	1.42	V
					3	2.5	1.0	21629	18558	47298	28213	10	2	4	10	90	2.19	1.52	V
21	594	Piano 3	7	2	1	2.5	1.0	9397	11136	47298	28213	10	2	4	10	90	5.03	2.53	V
					2	2.5	1.0	5673	5188	19708	11755	10	2	4	24	110	3.47	2.27	V
					3	2.5	1.0	9397	11136	47298	28213	10	2	4	10	90	5.03	2.53	V
22	362	Piano 1	8	3	1	2.5	1.0	6746	11191	30702	28213	10	2	4	10	60	4.55	2.52	V
					2	2.5	1.0	3128	4736	12793	11755	10	2	4	24	205	4.09	2.48	V
					3	2.5	1.0	6746	11191	30702	28213	10	2	4	9	60	4.55	2.52	V
23	480	Piano 2	8	3	1	2.5	1.0	17051	11331	30702	28213	10	2	4	10	60	1.80	2.49	V
					2	2.5	1.0	7937	4839	12793	11755	10	2	4	24	205	1.61	2.43	V
					3	2.5	1.0	17051	11331	30702	28213	10	2	4	10	60	1.80	2.49	V
24	595	Piano 3	8	3	1	2.5	1.0	17195	6686	30702	28213	10	2	4	10	60	1.79	4.22	V
					2	2.5	1.0	8327	2823	12793	11755	10	2	4	24	170	1.54	4.16	V
					3	2.5	1.0	17195	6686	30702	28213	10	2	4	10	60	1.79	4.22	V
25	363	Piano 1	9	3	1	2.5	1.0	5275	10964	30702	28213	10	2	4	10	60	5.82	2.57	V
					2	2.5	1.0	2506	4721	12793	11755	10	2	4	24	205	5.10	2.49	V

					3	2.5	1.0	5275	10964	30702	28213	10	2	4	10	60	5.82	2.57	V
26	481	Piano 2	9	3	1	2.5	1.0	12193	10131	30702	28213	10	2	4	10	60	2.52	2.78	V
					2	2.5	1.0	5769	4321	12793	11755	10	2	4	24	205	2.22	2.72	V
					3	2.5	1.0	12193	10131	30702	28213	10	2	4	10	60	2.52	2.78	V
27	596	Piano 3	9	3	1	2.5	1.0	10843	5560	30702	28213	10	2	4	10	60	2.83	5.07	V
					2	2.5	1.0	5437	2447	12793	11755	10	2	4	24	170	2.35	4.80	V
					3	2.5	1.0	10843	5560	30702	28213	10	2	4	10	60	2.83	5.07	V
28	364	Piano 1	10	2	1	2.5	1.0	13715	18630	47298	28213	10	2	4	10	90	3.45	1.51	V
					2	2.5	1.0	8917	8185	19708	11755	10	2	4	24	145	2.21	1.44	V
					3	2.5	1.0	13715	18630	47298	28213	10	2	4	10	90	3.45	1.51	V
29	482	Piano 2	10	2	1	2.5	1.0	18732	18210	47298	28213	10	2	4	10	90	2.52	1.55	V
					2	2.5	1.0	8486	7789	19708	11755	10	2	4	24	145	2.32	1.51	V
					3	2.5	1.0	18732	18210	47298	28213	10	2	4	10	90	2.52	1.55	V
30	597	Piano 3	10	2	1	2.5	1.0	8747	11510	47298	28213	10	2	4	10	90	5.41	2.45	V
					2	2.5	1.0	5088	5083	19708	11755	10	2	4	24	110	3.87	2.31	V
					3	2.5	1.0	8747	11510	47298	28213	10	2	4	10	90	5.41	2.45	V
31	365	Piano 1	11	3	1	2.5	1.0	7716	10844	30702	28213	10	2	4	10	60	3.98	2.60	V
					2	2.5	1.0	3531	4733	12793	11755	10	2	4	24	205	3.62	2.48	V
					3	2.5	1.0	7716	10844	30702	28213	10	2	4	8	60	3.98	2.60	V
32	483	Piano 2	11	3	1	2.5	1.0	16229	10626	30702	28213	10	2	4	10	60	1.89	2.65	V
					2	2.5	1.0	7571	4736	12793	11755	10	2	4	24	205	1.69	2.48	V
					3	2.5	1.0	16229	10626	30702	28213	10	2	4	10	60	1.89	2.65	V
33	598	Piano 3	11	3	1	2.5	1.0	16749	6364	30702	28213	10	2	4	10	60	1.83	4.43	V
					2	2.5	1.0	8238	2848	12793	11755	10	2	4	24	170	1.55	4.13	V
					3	2.5	1.0	16749	6364	30702	28213	10	2	4	10	60	1.83	4.43	V
34	366	Piano 1	12	2	1	2.5	1.0	17810	17115	47298	28213	10	2	4	10	90	2.66	1.65	V
					2	2.5	1.0	8809	7353	19708	11755	10	2	4	24	145	2.24	1.60	V
					3	2.5	1.0	17895	17115	47298	28213	10	2	4	10	90	2.64	1.65	V
35	484	Piano 2	12	3	1	2.5	1.0	11333	11851	30702	28213	10	2	4	10	60	2.71	2.38	V
					2	2.5	1.0	5114	4987	12793	11755	10	2	4	24	205	2.50	2.36	V
					3	2.5	1.0	11333	11851	30702	28213	10	2	4	10	60	2.71	2.38	V
36	599	Piano 3	12	3	1	2.5	1.0	11386	7294	30702	28213	10	2	4	10	60	2.70	3.87	V
					2	2.5	1.0	5307	3083	12793	11755	10	2	4	24	170	2.41	3.81	V
					3	2.5	1.0	11386	7294	30702	28213	10	2	4	10	60	2.70	3.87	V
37	367	Piano 1	13	1	1	2.5	1.0	5705	10177	25060	13996	10	2	2	10	53	4.39	1.38	V
					2	2.5	1.0	2689	4336	10024	5598	10	2	2	25	210	3.73	1.29	V
					3	2.5	1.0	5705	10177	25060	13996	10	2	2	5	53	4.39	1.38	V
38	485	Piano 2	13	1	1	2.5	1.0	9786	10881	25060	13996	10	2	2	10	53	2.56	1.29	V
					2	2.5	1.0	4265	4665	10024	5598	10	2	2	25	210	2.35	1.20	V
					3	2.5	1.0	9786	10881	25060	13996	10	2	2	10	53	2.56	1.29	V
39	600	Piano 3	13	1	1	2.5	1.0	10097	7082	25060	13996	10	2	2	10	50	2.48	1.98	V
					2	2.5	1.0	4526	3121	10024	5598	10	2	2	25	180	2.21	1.79	V
					3	2.5	1.0	10097	7082	25060	13996	10	2	2	10	50	2.48	1.98	V
40	368	Piano 1	14	2	1	2.5	1.0	15127	17720	47298	28213	10	2	4	10	90	3.13	1.59	V
					2	2.5	1.0	7471	7482	19708	11755	10	2	4	24	135	2.64	1.57	V
					3	2.5	1.0	15127	17720	47298	28213	10	2	4	10	90	3.13	1.59	V
41	486	Piano 2	14	2	1	2.5	1.0	27815	18958	47298	28213	10	2	4	10	90	1.70	1.49	V
					2	2.5	1.0	12575	8066	19708	11755	10	2	4	24	135	1.57	1.46	V
					3	2.5	1.0	27815	18958	47298	28213	10	2	4	10	90	1.70	1.49	V
42	601	Piano 3	14	2	1	2.5	1.0	20896	12688	47298	28213	10	2	4	10	90	2.26	2.22	V
					2	2.5	1.0	9818	5558	19708	11755	10	2	4	24	100	2.01	2.11	V
					3	2.5	1.0	20896	12688	47298	28213	10	2	4	10	90	2.26	2.22	V
43	369	Piano 1	15	2	1	2.5	1.0	12941	18550	47298	28213	10	2	4	10	90	3.66	1.52	V
					2	2.5	1.0	7517	7827	19708	11755	10	2	4	24	135	2.62	1.50	V
					3	2.5	1.0	12941	18550	47298	28213	10	2	4	10	90	3.66	1.52	V
44	487	Piano 2	15	2	1	2.5	1.0	19910	20561	47298	28213	10	2	4	10	90	2.38	1.37	V
					2	2.5	1.0	8853	8703	19708	11755	10	2	4	24	135	2.23	1.35	V
					3	2.5	1.0	19910	20561	47298	28213	10	2	4	10	90	2.38	1.37	V
45	602	Piano 3	15	2	1	2.5	1.0	9355	14714	47298	28213	10	2	4	10	90	5.06	1.92	V
					2	2.5	1.0	4608	6503	19708	11755	10	2	4	24	100	4.28	1.81	V
					3	2.5	1.0	9355	14714	47298	28213	10	2	4	10	90	5.06	1.92	V
46	370	Piano 1	16	7	1	2.5	1.0	10604	17934	47298	28213	10	2	4	10	90	4.46	1.57	V
					2	2.5	1.0	5706	8345	19708	11755	10	2	4	24	145	3.45	1.41	V
					3	2.5	1.0	10604	17934	47298	28213	10	2	4	10	90	4.46	1.57	V
47	488	Piano 2	16	7	1	2.5	1.0	14293	17840	47298	28213	10	2	4	10	90	3.31	1.58	V
					2	2.5	1.0	6963	8159	19708	11755	10	2	4	24	135	2.83	1.44	V
					3	2.5	1.0	14293	17840	47298	28213	10	2	4	10	90	3.31	1.58	V
48	603	Piano 3	16	7	1	2.5	1.0	17865	11915	47298	28213	10	2	4	10	90	2.65	2.37	V
					2	2.5	1.0	13048	5253	19708	11755	10	2	4	24	100	1.51	2.24	V
					3	2.5	1.0	17865	11915	47298	28213	10	2	4	10	90	2.65	2.37	V
49	371	Piano 1	17	7	1	2.5	1.0	11560	17092	47298	28213	10	2	4	10	90	4.09	1.65	V
					2	2.5	1.0	5325	7208	19708	11755	10	2	4	24	145	3.70	1.63	V
					3	2.5	1.0	11560	17092	47298	28213	10	2	4	10	90	4.09	1.65	V
50	489	Piano 2	17	7	1	2.5	1.0	12939	16133	47298	28213	10	2	4	10	90	3.66	1.75	V
					2	2.5	1.0	6124	6766	19708	11755	10	2	4	24	135	3.22	1.74	V
					3	2.5	1.0	12939	16133	47298	28213	10	2	4	10	90	3.66	1.75	V
51	604	Piano 3	17	7	1	2.5	1.0	19578	9268	47298	28213	10	2	4	10	90	2.42	3.04	V
					2	2.5	1.0	14574	3919	19708	11755	10	2	4	24	100	1.35	3.00	V
					3	2.5	1.0	19578	9268	47298	28213	10	2	4	10	90	2.42	3.04	V
52	372	Piano 1	18	7	1	2.5	1.0	10373	18121	47298	28213	10	2	4	10	90	4.56	1.56	V
					2	2.5	1.0	5431	8021	19708	11755	10	2	4	24	145	3.63	1.47	V
					3	2.5	1.0	10373	18121	47298	28213	10	2	4	10	90	4.56	1.56	V
53	490	Piano 2	18	7	1	2.5	1.0	12921	17954	47298	28213	10	2	4	10	90	3.66	1.57	V
					2	2.5	1.0	6629	7903	19708	11755	10	2	4	24	135	2.97	1.49	V
					3	2.5	1.0	12921	17954	47298	28213	10	2	4	10	90	3.66	1.57	V
54	605	Piano 3	18	7	1	2.5	1.0	18373	11612	47298	28213	10	2	4	10	90	2.57	2.43	V
					2	2.5	1.0	13179	4929	19708	11755	10	2	4	24	100	1.50	2.38	V
					3	2.5	1.0	18373	11612	47298	28213	10	2	4	10	90	2.57	2.43	V
55	373	Piano 1	19	7	1	2.5	1.0	15401	17217	47298	28213	10	2	4	10	90	3.07	1.64	V
					2	2.5	1.0	7050	7284	19708	11755	10	2	4	24	145	2.80	1.61	V
					3	2.5	1.0	15401	17217	47298	28213	10	2	4	10	90	3.07	1.64	V
56	491	Piano 2	19	7	1	2.5	1.0	11711	16475	47298	28213	10	2	4	10	90	4.04	1.71	V
					2	2.5	1.0	5635	6934	19708	11755	10	2	4	24	135	3.50	1.70	V
					3	2.5	1.0	11711	16475	47298	28213	10	2	4	10	90	4.04	1.71	V
57	606	Piano 3	19	7	1	2.5	1.0	21447	9580	47298	28213	10	2	4	10	90	2.21	2.94	V

					2	2.5	1.0	14908	4072	19708	11755	10	2	4	24	100	1.32	2.89	V
					3	2.5	1.0	21447	9580	47298	28213	10	2	4	10	90	2.21	2.94	V
58	374	Piano 1	20	3	1	2.5	1.0	12176	11518	30702	28213	10	2	4	10	60	2.52	2.45	V
					2	2.5	1.0	5403	4881	12793	11755	10	2	4	24	195	2.37	2.41	V
					3	2.5	1.0	12176	11518	30702	28213	10	2	4	7	60	2.52	2.45	V
59	492	Piano 2	20	1	1	2.5	1.0	9560	10451	25060	13996	10	2	2	10	53	2.62	1.34	V
					2	2.5	1.0	4403	4412	10024	5598	10	2	2	25	210	2.28	1.27	V
					3	2.5	1.0	9560	10451	25060	13996	10	2	2	10	53	2.62	1.34	V
60	607	Piano 3	20	1	1	2.5	1.0	11375	6982	25060	13996	10	2	2	10	50	2.20	2.00	V
					2	2.5	1.0	5565	2937	10024	5598	10	2	2	25	180	1.80	1.91	V
					3	2.5	1.0	11375	6982	25060	13996	10	2	2	10	50	2.20	2.00	V
61	650	Piano 4	20	1	1	2.5	1.0	16154	4644	25060	13996	10	2	2	10	50	1.55	3.01	V
					2	2.5	1.0	8311	2472	10024	5598	10	2	2	25	150	1.21	2.26	V
					3	2.5	1.0	16154	4644	25060	13996	10	2	2	10	50	1.55	3.01	V
62	375	Piano 1	21	2	1	2.5	1.0	24850	16345	47298	28213	10	2	4	10	90	1.90	1.73	V
					2	2.5	1.0	11064	7007	19708	11755	10	2	4	24	135	1.78	1.68	V
					3	2.5	1.0	24850	16345	47298	28213	10	2	4	9	90	1.90	1.73	V
63	493	Piano 2	21	2	1	2.5	1.0	27920	17187	47298	28213	10	2	4	10	90	1.69	1.64	V
					2	2.5	1.0	12388	7350	19708	11755	10	2	4	24	135	1.59	1.60	V
					3	2.5	1.0	27920	17187	47298	28213	10	2	4	10	90	1.69	1.64	V
64	608	Piano 3	21	2	1	2.5	1.0	24343	11745	47298	28213	10	2	4	10	90	1.94	2.40	V
					2	2.5	1.0	11910	5043	19708	11755	10	2	4	24	100	1.65	2.33	V
					3	2.5	1.0	24343	11745	47298	28213	10	2	4	10	90	1.94	2.40	V
65	651	Piano 4	21	1	1	2.5	1.0	16676	6221	25060	13996	10	2	2	10	50	1.50	2.25	V
					2	2.5	1.0	8832	4301	10024	5598	10	2	2	25	150	1.13	1.30	V
					3	2.5	1.0	16676	6221	25060	13996	10	2	2	10	50	1.50	2.25	V
66	376	Piano 1	22	15	1	2.5	1.0	19441	18974	52830	28213	10	2	4	10	100	2.72	1.49	V
					2	2.5	1.0	9861	8070	22012	11755	10	2	4	24	115	2.23	1.46	V
					3	2.5	1.0	19441	18974	52830	28213	10	2	4	10	100	2.72	1.49	V
67	494	Piano 2	22	15	1	2.5	1.0	22435	20375	52830	28213	10	2	4	10	100	2.35	1.38	V
					2	2.5	1.0	10692	8582	22012	11755	10	2	4	24	115	2.06	1.37	V
					3	2.5	1.0	22435	20375	52830	28213	10	2	4	10	100	2.35	1.38	V
68	609	Piano 3	22	15	1	2.5	1.0	13563	14884	52830	28213	10	2	4	10	280	3.90	1.90	V
69	377	Piano 1	23	7	1	2.5	1.0	11072	18033	47298	28213	10	2	4	10	90	4.27	1.56	V
					2	2.5	1.0	5811	7781	19708	11755	10	2	4	24	145	3.39	1.51	V
					3	2.5	1.0	11072	18033	47298	28213	10	2	4	10	90	4.27	1.56	V
70	495	Piano 2	23	7	1	2.5	1.0	11265	17871	47298	28213	10	2	4	10	90	4.20	1.58	V
					2	2.5	1.0	5833	7693	19708	11755	10	2	4	24	135	3.38	1.53	V
					3	2.5	1.0	11265	17871	47298	28213	10	2	4	10	90	4.20	1.58	V
71	610	Piano 3	23	7	1	2.5	1.0	19550	11523	47298	28213	10	2	4	10	90	2.42	2.45	V
					2	2.5	1.0	13702	4898	19708	11755	10	2	4	24	100	1.44	2.40	V
					3	2.5	1.0	19550	11523	47298	28213	10	2	4	10	90	2.42	2.45	V
72	378	Piano 1	24	7	1	2.5	1.0	17071	17209	47298	28213	10	2	4	10	90	2.77	1.64	V
					2	2.5	1.0	7653	7283	19708	11755	10	2	4	24	145	2.58	1.61	V
					3	2.5	1.0	17071	17209	47298	28213	10	2	4	10	90	2.77	1.64	V
73	496	Piano 2	24	7	1	2.5	1.0	8420	16384	47298	28213	10	2	4	10	90	5.62	1.72	V
					2	2.5	1.0	4037	6893	19708	11755	10	2	4	24	135	4.88	1.71	V
					3	2.5	1.0	8420	16384	47298	28213	10	2	4	10	90	5.62	1.72	V
74	611	Piano 3	24	7	1	2.5	1.0	21356	9514	47298	28213	10	2	4	10	90	2.21	2.97	V
					2	2.5	1.0	15197	4044	19708	11755	10	2	4	24	100	1.30	2.91	V
					3	2.5	1.0	21356	9514	47298	28213	10	2	4	10	90	2.21	2.97	V
75	379	Piano 1	25	7	1	2.5	1.0	12392	18104	47298	28213	10	2	4	10	90	3.82	1.56	V
					2	2.5	1.0	6380	7914	19708	11755	10	2	4	24	145	3.09	1.49	V
					3	2.5	1.0	12392	18104	47298	28213	10	2	4	10	90	3.82	1.56	V
76	497	Piano 2	25	7	1	2.5	1.0	10996	17912	47298	28213	10	2	4	10	90	4.30	1.58	V
					2	2.5	1.0	5746	7686	19708	11755	10	2	4	24	135	3.43	1.53	V
					3	2.5	1.0	10996	17912	47298	28213	10	2	4	10	90	4.30	1.58	V
77	612	Piano 3	25	7	1	2.5	1.0	20458	11501	47298	28213	10	2	4	10	90	2.31	2.45	V
					2	2.5	1.0	13905	5007	19708	11755	10	2	4	24	100	1.42	2.35	V
					3	2.5	1.0	20458	11501	47298	28213	10	2	4	10	90	2.31	2.45	V
78	380	Piano 1	26	7	1	2.5	1.0	21271	17048	47298	28213	10	2	4	10	90	2.22	1.65	V
					2	2.5	1.0	9456	7194	19708	11755	10	2	4	24	145	2.08	1.63	V
					3	2.5	1.0	21271	17048	47298	28213	10	2	4	10	90	2.22	1.65	V
79	498	Piano 2	26	7	1	2.5	1.0	9399	16259	47298	28213	10	2	4	10	90	5.03	1.74	V
					2	2.5	1.0	4625	6810	19708	11755	10	2	4	24	135	4.26	1.73	V
					3	2.5	1.0	9399	16259	47298	28213	10	2	4	10	90	5.03	1.74	V
80	613	Piano 3	26	7	1	2.5	1.0	24577	9319	47298	28213	10	2	4	10	90	1.92	3.03	V
					2	2.5	1.0	16351	3930	19708	11755	10	2	4	24	100	1.21	2.99	V
					3	2.5	1.0	24577	9319	47298	28213	10	2	4	10	90	1.92	3.03	V
81	381	Piano 1	27	3	1	2.5	1.0	13351	11282	30702	28213	10	2	4	10	60	2.30	2.50	V
					2	2.5	1.0	5770	4879	12793	11755	10	2	4	24	195	2.22	2.41	V
					3	2.5	1.0	13351	11282	30702	28213	10	2	4	8	60	2.30	2.50	V
82	499	Piano 2	27	3	1	2.5	1.0	11452	12147	30702	28213	10	2	4	10	60	2.68	2.32	V
					2	2.5	1.0	4922	5401	12793	11755	10	2	4	24	195	2.60	2.18	V
					3	2.5	1.0	11452	12147	30702	28213	10	2	4	10	60	2.68	2.32	V
83	614	Piano 3	27	3	1	2.5	1.0	12142	7908	30702	28213	10	2	4	10	60	2.53	3.57	V
					2	2.5	1.0	5617	3667	12793	11755	10	2	4	24	160	2.28	3.21	V
					3	2.5	1.0	12142	7908	30702	28213	10	2	4	10	60	2.53	3.57	V
84	652	Piano 4	27	3	1	2.5	1.0	11550	5804	30702	28213	10	2	4	10	60	2.66	4.86	V
					2	2.5	1.0	6060	2621	12793	11755	10	2	4	24	120	2.11	4.48	V
					3	2.5	1.0	11550	5804	30702	28213	10	2	4	10	60	2.66	4.86	V
85	382	Piano 1	28	12	1	2.5	1.0	6544	7297	19638	14106	10	2	2	10	54	3.00	1.93	V
					2	2.5	1.0	2830	3092	8183	5878	10	2	2	24	217	2.89	1.90	V
					3	2.5	1.0	6544	7297	19638	14106	10	2	2	9	54	3.00	1.93	V
86	500	Piano 2	28	12	1	2.5	1.0	8873	7643	19638	14106	10	2	2	10	54	2.21	1.85	V
					2	2.5	1.0	3927	3214	8183	5878	10	2	2	24	217	2.08	1.83	V
					3	2.5	1.0	8873	7643	19638	14106	10	2	2	10	54	2.21	1.85	V
87	615	Piano 3	28	12	1	2.5	1.0	9043	4887	19638	14106	10	2	2	10	48	2.17	2.89	V
					2	2.5	1.0	4061	2106	8183	5878	10	2	2	24	193	2.01	2.79	V
					3	2.5	1.0	9043	4887	19638	14106	10	2	2	10	48	2.17	2.89	V
88	383	Piano 1	29	3	1	2.5	1.0	15625	11940	30702	28213	10	2	4	10	60	1.96	2.36	V
					2	2.5	1.0	6783	5118	12793	11755	10	2	4	24	195	1.89	2.30	V
					3	2.5	1.0	15625	11940	30702	28213	10	2	4	10	60	1.96	2.36	V
89	501	Piano 2	29	3	1	2.5	1.0	19060	13606	30702	28213	10	2	4	10	60	1.61	2.07	V
					2	2.5	1.0	8528	6012	12793	11755	10	2	4	24	195	1.50	1.96	V

					3	2.5	1.0	19060	13606	30702	28213	10	2	4	10	60	1.61	2.07	V
90	616	Piano 3	29	3	1	2.5	1.0	19409	9282	30702	28213	10	2	4	10	60	1.58	3.04	V
					2	2.5	1.0	8967	4308	12793	11755	10	2	4	24	160	1.43	2.73	V
					3	2.5	1.0	19409	9282	30702	28213	10	2	4	10	60	1.58	3.04	V
91	653	Piano 4	29	3	1	2.5	1.0	18831	7288	30702	28213	10	2	4	10	60	1.63	3.87	V
					2	2.5	1.0	9899	4002	12793	11755	10	2	4	24	120	1.29	2.94	V
					3	2.5	1.0	18831	7288	30702	28213	10	2	4	10	60	1.63	3.87	V
92	384	Piano 1	30	3	1	2.5	1.0	15840	11305	30702	28213	10	2	4	10	60	1.94	2.50	V
					2	2.5	1.0	6960	5144	12793	11755	10	2	4	24	195	1.84	2.29	V
					3	2.5	1.0	15840	11305	30702	28213	10	2	4	9	60	1.94	2.50	V
93	502	Piano 2	30	3	1	2.5	1.0	19945	12427	30702	28213	10	2	4	10	60	1.54	2.27	V
					2	2.5	1.0	8648	5974	12793	11755	10	2	4	24	195	1.48	1.97	V
					3	2.5	1.0	19945	12427	30702	28213	10	2	4	10	60	1.54	2.27	V
94	617	Piano 3	30	3	1	2.5	1.0	19940	8432	30702	28213	10	2	4	10	60	1.54	3.35	V
					2	2.5	1.0	8831	4404	12793	11755	10	2	4	24	160	1.45	2.67	V
					3	2.5	1.0	19940	8432	30702	28213	10	2	4	10	60	1.54	3.35	V
95	654	Piano 4	30	3	1	2.5	1.0	15434	6824	30702	28213	10	2	4	10	60	1.99	4.13	V
					2	2.5	1.0	8282	3975	12793	11755	10	2	4	24	120	1.54	2.96	V
					3	2.5	1.0	15434	6824	30702	28213	10	2	4	10	60	1.99	4.13	V
96	385	Piano 1	31	2	1	2.5	1.0	21002	17984	47298	28213	10	2	4	10	90	2.25	1.57	V
					2	2.5	1.0	9873	7685	19708	11755	10	2	4	24	135	2.00	1.53	V
					3	2.5	1.0	21002	17984	47298	28213	10	2	4	10	90	2.25	1.57	V
97	503	Piano 2	31	2	1	2.5	1.0	18289	20025	47298	28213	10	2	4	10	90	2.59	1.41	V
					2	2.5	1.0	8298	8518	19708	11755	10	2	4	24	135	2.37	1.38	V
					3	2.5	1.0	18289	20025	47298	28213	10	2	4	10	90	2.59	1.41	V
98	618	Piano 3	31	2	1	2.5	1.0	14765	14219	47298	28213	10	2	4	10	90	3.20	1.98	V
					2	2.5	1.0	6854	6077	19708	11755	10	2	4	24	100	2.88	1.93	V
					3	2.5	1.0	14765	14219	47298	28213	10	2	4	10	90	3.20	1.98	V
99	386	Piano 1	32	4	1	2.5	1.0	2822	6102	13996	13996	10	2	2	10	54	4.96	2.29	V
					2	2.5	1.0	1224	2568	5598	5598	10	2	2	25	217	4.58	2.18	V
					3	2.5	1.0	2822	6102	13996	13996	10	2	2	10	54	4.96	2.29	V
100	504	Piano 2	32	4	1	2.5	1.0	3589	7031	13996	13996	10	2	2	10	54	3.90	1.99	V
					2	2.5	1.0	1541	2955	5598	5598	10	2	2	25	217	3.63	1.89	V
					3	2.5	1.0	3589	7031	13996	13996	10	2	2	10	54	3.90	1.99	V
101	619	Piano 3	32	4	1	2.5	1.0	3611	4603	13996	13996	10	2	2	10	48	3.88	3.04	V
					2	2.5	1.0	1593	1976	5598	5598	10	2	2	25	193	3.52	2.83	V
					3	2.5	1.0	3611	4603	13996	13996	10	2	2	10	48	3.88	3.04	V
102	655	Piano 4	32	4	1	2.5	1.0	2346	3105	13996	13996	10	2	2	10	45	5.97	4.51	V
					2	2.5	1.0	1146	1407	5598	5598	10	2	2	25	150	4.89	3.98	V
					3	2.5	1.0	2346	3105	13996	13996	10	2	2	10	45	5.97	4.51	V
103	387	Piano 1	33	4	1	2.5	1.0	2703	6180	13996	13996	10	2	2	10	54	5.18	2.26	V
					2	2.5	1.0	1188	2613	5598	5598	10	2	2	25	217	4.71	2.14	V
					3	2.5	1.0	2703	6180	13996	13996	10	2	2	10	54	5.18	2.26	V
104	505	Piano 2	33	4	1	2.5	1.0	3347	7138	13996	13996	10	2	2	10	54	4.18	1.96	V
					2	2.5	1.0	1422	2995	5598	5598	10	2	2	25	217	3.94	1.87	V
					3	2.5	1.0	3347	7138	13996	13996	10	2	2	10	54	4.18	1.96	V
105	620	Piano 3	33	4	1	2.5	1.0	3366	4816	13996	13996	10	2	2	10	48	4.16	2.91	V
					2	2.5	1.0	1468	2087	5598	5598	10	2	2	25	193	3.81	2.68	V
					3	2.5	1.0	3366	4816	13996	13996	10	2	2	10	48	4.16	2.91	V
106	656	Piano 4	33	4	1	2.5	1.0	2201	3313	13996	13996	10	2	2	10	45	6.36	4.22	V
					2	2.5	1.0	1092	1552	5598	5598	10	2	2	25	150	5.12	3.61	V
					3	2.5	1.0	2201	3313	13996	13996	10	2	2	10	45	6.36	4.22	V
107	388	Piano 1	34	7	1	2.5	1.0	15156	17748	47298	28213	10	2	4	10	90	3.12	1.59	V
					2	2.5	1.0	7572	8213	19708	11755	10	2	4	24	145	2.60	1.43	V
					3	2.5	1.0	15156	17748	47298	28213	10	2	4	10	90	3.12	1.59	V
108	506	Piano 2	34	7	1	2.5	1.0	10466	17733	47298	28213	10	2	4	10	90	4.52	1.59	V
					2	2.5	1.0	5099	7895	19708	11755	10	2	4	24	135	3.86	1.49	V
					3	2.5	1.0	10466	17733	47298	28213	10	2	4	10	90	4.52	1.59	V
109	621	Piano 3	34	7	1	2.5	1.0	22895	11605	47298	28213	10	2	4	10	90	2.07	2.43	V
					2	2.5	1.0	15151	5269	19708	11755	10	2	4	24	100	1.30	2.23	V
					3	2.5	1.0	22895	11605	47298	28213	10	2	4	10	90	2.07	2.43	V
110	389	Piano 1	35	7	1	2.5	1.0	21200	16468	47298	28213	10	2	4	10	90	2.23	1.71	V
					2	2.5	1.0	9491	6967	19708	11755	10	2	4	24	145	2.08	1.69	V
					3	2.5	1.0	21200	16468	47298	28213	10	2	4	10	90	2.23	1.71	V
111	507	Piano 2	35	7	1	2.5	1.0	9917	15724	47298	28213	10	2	4	10	90	4.77	1.79	V
					2	2.5	1.0	4747	6591	19708	11755	10	2	4	24	135	4.15	1.78	V
					3	2.5	1.0	9917	15724	47298	28213	10	2	4	10	90	4.77	1.79	V
112	622	Piano 3	35	7	1	2.5	1.0	26353	8988	47298	28213	10	2	4	10	90	1.79	3.14	V
					2	2.5	1.0	17276	3806	19708	11755	10	2	4	24	100	1.14	3.09	V
					3	2.5	1.0	26353	8988	47298	28213	10	2	4	10	90	1.79	3.14	V
113	390	Piano 1	36	12	1	2.5	1.0	6312	7895	19528	13996	10	2	2	10	54	3.09	1.77	V
					2	2.5	1.0	2731	3359	7811	5598	10	2	2	25	217	2.86	1.67	V
					3	2.5	1.0	6312	7895	19528	13996	10	2	2	7	54	3.09	1.77	V
114	508	Piano 2	36	12	1	2.5	1.0	6751	8691	19528	13996	10	2	2	10	54	2.89	1.61	V
					2	2.5	1.0	2854	3634	7811	5598	10	2	2	25	217	2.74	1.54	V
					3	2.5	1.0	6751	8691	19528	13996	10	2	2	10	54	2.89	1.61	V
115	623	Piano 3	36	12	1	2.5	1.0	7342	5639	19528	13996	10	2	2	10	48	2.66	2.48	V
					2	2.5	1.0	3194	2445	7811	5598	10	2	2	25	193	2.45	2.29	V
					3	2.5	1.0	7342	5639	19528	13996	10	2	2	10	48	2.66	2.48	V
116	391	Piano 1	37	4	1	2.5	1.0	3626	5639	13996	13996	10	2	2	10	54	3.86	2.48	V
					2	2.5	1.0	1588	2404	5598	5598	10	2	2	25	217	3.53	2.33	V
					3	2.5	1.0	3626	5639	13996	13996	10	2	2	10	54	3.86	2.48	V
117	509	Piano 2	37	4	1	2.5	1.0	4751	6148	13996	13996	10	2	2	10	54	2.95	2.28	V
					2	2.5	1.0	2026	2574	5598	5598	10	2	2	25	217	2.76	2.17	V
					3	2.5	1.0	4751	6148	13996	13996	10	2	2	10	54	2.95	2.28	V
118	624	Piano 3	37	4	1	2.5	1.0	4933	3887	13996	13996	10	2	2	10	48	2.84	3.60	V
					2	2.5	1.0	2182	1643	5598	5598	10	2	2	25	193	2.57	3.41	V
					3	2.5	1.0	4933	3887	13996	13996	10	2	2	10	48	2.84	3.60	V
119	657	Piano 4	37	4	1	2.5	1.0	2996	2819	13996	13996	10	2	2	10	45	4.67	4.97	V
					2	2.5	1.0	1481	1280	5598	5598	10	2	2	25	150	3.78	4.37	V
					3	2.5	1.0	2996	2819	13996	13996	10	2	2	10	45	4.67	4.97	V
120	392	Piano 1	38	4	1	2.5	1.0	3182	5624	14106	14106	10	2	2	10	54	4.43	2.51	V
					2	2.5	1.0	1403	2427	5878	5878	10	2	2	24	217	4.19	2.42	V
					3	2.5	1.0	3182	5624	14106	14106	10	2	2	10	54	4.43	2.51	V
121	510	Piano 2	38	4	1	2.5	1.0	4032	6092	14106	14106	10	2	2	10	54	3.50	2.32	V

					2	2.5	1.0	1714	2558	5878	5878	10	2	2	24	217	3.43	2.30	V
					3	2.5	1.0	4032	6092	14106	14106	10	2	2	10	54	3.50	2.32	V
122	625	Piano 3	38	4	1	2.5	1.0	4196	3823	14106	14106	10	2	2	10	48	3.36	3.69	V
					2	2.5	1.0	1843	1627	5878	5878	10	2	2	24	193	3.19	3.61	V
					3	2.5	1.0	4196	3823	14106	14106	10	2	2	10	48	3.36	3.69	V
123	658	Piano 4	38	4	1	2.5	1.0	2596	2859	14106	14106	10	2	2	10	45	5.43	4.93	V
					2	2.5	1.0	1299	1299	5878	5878	10	2	2	24	150	4.52	4.53	V
					3	2.5	1.0	2596	2859	14106	14106	10	2	2	10	45	5.43	4.93	V
124	393	Piano 1	39	2	1	2.5	1.0	28345	17784	47298	28213	10	2	4	10	90	1.67	1.59	V
					2	2.5	1.0	14105	8036	19708	11755	10	2	4	24	145	1.40	1.46	V
					3	2.5	1.0	28345	17784	47298	28213	10	2	4	10	90	1.67	1.59	V
125	511	Piano 2	39	7	1	2.5	1.0	18239	17193	47298	28213	10	2	4	10	90	2.59	1.64	V
					2	2.5	1.0	10311	7586	19708	11755	10	2	4	24	135	1.91	1.55	V
					3	2.5	1.0	18239	17193	47298	28213	10	2	4	10	90	2.59	1.64	V
126	626	Piano 3	39	2	1	2.5	1.0	18095	9097	47298	28213	10	2	4	10	90	2.61	3.10	V
					2	2.5	1.0	10784	4312	19708	11755	10	2	4	24	100	1.83	2.73	V
					3	2.5	1.0	18095	9097	47298	28213	10	2	4	10	90	2.61	3.10	V
127	394	Piano 1	41	16	1	2.5	1.0	37860	11119	40260	31348	10	2	4	9	70	1.06	2.82	V
					2	2.5	1.0	16307	4698	16470	12824	10	2	4	22	175	1.01	2.73	V
					3	2.5	1.0	37882	11119	40260	31348	10	2	4	9	70	1.06	2.82	V
128	512	Piano 2	41	3	1	2.5	1.0	27146	9787	30702	28213	10	2	4	10	60	1.13	2.88	V
					2	2.5	1.0	11653	4249	12793	11755	10	2	4	24	195	1.10	2.77	V
					3	2.5	1.0	27146	9787	30702	28213	10	2	4	10	60	1.13	2.88	V
129	627	Piano 3	41	3	1	2.5	1.0	31696	5537	34114	31348	10	2	4	9	60	1.08	5.66	V
					2	2.5	1.0	13943	2519	13956	12824	10	2	4	22	160	1.00	5.09	V
					3	2.5	1.0	31696	5537	34114	31348	10	2	4	9	60	1.08	5.66	V
130	659	Piano 4	41	3	1	2.5	1.0	17005	5186	30702	28213	10	2	4	10	60	1.81	5.44	V
					2	2.5	1.0	8558	2886	12793	11755	10	2	4	24	120	1.49	4.07	V
					3	2.5	1.0	17005	5186	30702	28213	10	2	4	10	60	1.81	5.44	V
131	395	Piano 1	42	3	1	2.5	1.0	20836	5876	30702	28213	10	2	4	10	60	1.47	4.80	V
					2	2.5	1.0	9728	2809	12793	11755	10	2	4	24	205	1.32	4.19	V
					3	2.5	1.0	20836	5876	30702	28213	10	2	4	10	60	1.47	4.80	V
132	513	Piano 2	42	3	1	2.5	1.0	20521	3936	30702	28213	10	2	4	10	60	1.50	7.17	V
					2	2.5	1.0	10969	2274	12793	11755	10	2	4	24	205	1.17	5.17	V
					3	2.5	1.0	20521	3936	30702	28213	10	2	4	10	60	1.50	7.17	V
133	628	Piano 3	42	3	1	2.5	1.0	22561	2471	30702	28213	10	2	4	10	60	1.36	11.42	V
					2	2.5	1.0	11497	1957	12793	11755	10	2	4	24	170	1.11	6.01	V
					3	2.5	1.0	22561	2471	30702	28213	10	2	4	10	60	1.36	11.42	V
134	660	Piano 4	42	3	1	2.5	1.0	16497	3071	30702	28213	10	2	4	10	60	1.86	9.19	V
					2	2.5	1.0	8401	1845	12793	11755	10	2	4	24	120	1.52	6.37	V
					3	2.5	1.0	16497	3071	30702	28213	10	2	4	10	60	1.86	9.19	V
135	396	Piano 1	43	3	1	2.5	1.0	19861	9875	30702	28213	10	2	4	10	60	1.55	2.86	V
					2	2.5	1.0	8772	4376	12793	11755	10	2	4	24	195	1.46	2.69	V
					3	2.5	1.0	19861	9875	30702	28213	10	2	4	10	60	1.55	2.86	V
136	514	Piano 2	43	3	1	2.5	1.0	25458	10959	30702	28213	10	2	4	10	60	1.21	2.57	V
					2	2.5	1.0	10899	5238	12793	11755	10	2	4	24	195	1.17	2.24	V
					3	2.5	1.0	25458	10959	30702	28213	10	2	4	10	60	1.21	2.57	V
137	629	Piano 3	43	3	1	2.5	1.0	26514	7319	30702	28213	10	2	4	10	60	1.16	3.85	V
					2	2.5	1.0	11846	3828	12793	11755	10	2	4	24	160	1.08	3.07	V
					3	2.5	1.0	26514	7319	30702	28213	10	2	4	10	60	1.16	3.85	V
138	661	Piano 4	43	3	1	2.5	1.0	10755	6205	30702	28213	10	2	4	10	60	2.85	4.55	V
					2	2.5	1.0	5747	3568	12793	11755	10	2	4	24	120	2.23	3.29	V
					3	2.5	1.0	10755	6205	30702	28213	10	2	4	10	60	2.85	4.55	V
139	397	Piano 1	44	2	1	2.5	1.0	22234	13842	47298	28213	10	2	4	10	90	2.13	2.04	V
					2	2.5	1.0	10135	5901	19708	11755	10	2	4	24	135	1.94	1.99	V
					3	2.5	1.0	22234	13842	47298	28213	10	2	4	10	90	2.13	2.04	V
140	515	Piano 2	44	2	1	2.5	1.0	23656	14478	47298	28213	10	2	4	10	90	2.00	1.95	V
					2	2.5	1.0	10348	6532	19708	11755	10	2	4	24	135	1.90	1.80	V
					3	2.5	1.0	23656	14478	47298	28213	10	2	4	10	90	2.00	1.95	V
141	630	Piano 3	44	2	1	2.5	1.0	19258	10740	47298	28213	10	2	4	10	90	2.46	2.63	V
					2	2.5	1.0	9301	5149	19708	11755	10	2	4	24	100	2.12	2.28	V
					3	2.5	1.0	19258	10740	47298	28213	10	2	4	10	90	2.46	2.63	V
142	398	Piano 1	45	3	1	2.5	1.0	12582	9482	30702	28213	10	2	4	10	60	2.44	2.98	V
					2	2.5	1.0	5692	4462	12793	11755	10	2	4	24	215	2.25	2.63	V
					3	2.5	1.0	12582	9482	30702	28213	10	2	4	10	60	2.44	2.98	V
143	516	Piano 2	45	3	1	2.5	1.0	16828	9284	30702	28213	10	2	4	10	60	1.82	3.04	V
					2	2.5	1.0	9298	4853	12793	11755	10	2	4	24	205	1.38	2.42	V
					3	2.5	1.0	16828	9284	30702	28213	10	2	4	10	60	1.82	3.04	V
144	399	Piano 1	46	3	1	2.5	1.0	12640	7923	30702	28213	10	2	4	10	60	2.43	3.56	V
					2	2.5	1.0	5917	3362	12793	11755	10	2	4	24	215	2.16	3.50	V
					3	2.5	1.0	12640	7923	30702	28213	10	2	4	10	60	2.43	3.56	V
145	517	Piano 2	46	3	1	2.5	1.0	19169	8373	30702	28213	10	2	4	10	60	1.60	3.37	V
					2	2.5	1.0	10394	3592	12793	11755	10	2	4	24	205	1.23	3.27	V
					3	2.5	1.0	19169	8373	30702	28213	10	2	4	10	60	1.60	3.37	V
146	400	Piano 1	50	3	1	2.5	1.0	11889	6285	30702	28213	10	2	4	10	60	2.58	4.49	V
					2	2.5	1.0	5288	2696	12793	11755	10	2	4	24	205	2.42	4.36	V
					3	2.5	1.0	11889	6285	30702	28213	10	2	4	10	60	2.58	4.49	V
147	518	Piano 2	50	3	1	2.5	1.0	17662	3610	30702	28213	10	2	4	10	60	1.74	7.81	V
					2	2.5	1.0	8016	1545	12793	11755	10	2	4	24	205	1.60	7.61	V
					3	2.5	1.0	17662	3610	30702	28213	10	2	4	10	60	1.74	7.81	V
148	631	Piano 3	50	3	1	2.5	1.0	16945	1827	30702	28213	10	2	4	10	60	1.81	15.44	V
					2	2.5	1.0	7717	811	12793	11755	10	2	4	24	170	1.66	14.50	V
					3	2.5	1.0	16945	1827	30702	28213	10	2	4	10	60	1.81	15.44	V

4.3.1.1.3 Verifiche SLV - Taglio in condizioni cicliche.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;

Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Blocco:
1 : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
2 : tratto (mediano) nel quale le staffe vengono mantenute costanti;
3 : tratto (finale) nel quale le staffe vengono mantenute costanti;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;

Tagli Sollecitanti:
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo (solo combinazioni sismiche);
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo (solo combinazioni sismiche);
Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;
ϕ : diametro della staffa;
Nbr_X : numero di bracci di cui è composta la staffa in direzione X;
Nbr_Y : numero di bracci di cui è composta la staffa in direzione Y;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 6.I

								Tagli Sollecitanti		Tagli Resistenti									
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Blocco**	**Cop [cm]**	**cot(θ)**	**Vsdxy [daN]**	**Vsdxz [daN]**	**Vrdxy [daN]**	**Vrdxz [daN]**	**ϕ [mm]**	**Nbr_X**	**Nbr_Y**	**DStaffe [cm]**	**Ltr [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**
1	346	Piano 1	1	2	1	2.5	1.0	6170	5566	55559	27000	10	2	4	10	90	9.00	4.85	V
					2	2.5	1.0	6170	5566	35229	14853	10	2	4	24	145	5.71	2.67	V
					3	2.5	1.0	6170	5566	55781	27073	10	2	4	10	90	9.04	4.86	V
2	473	Piano 2	1	2	1	2.5	1.0	11366	4871	52804	26081	10	2	4	10	90	4.65	5.35	V
					2	2.5	1.0	11366	4871	32484	13938	10	2	4	24	145	2.86	2.86	V
					3	2.5	1.0	11366	4871	53059	26166	10	2	4	10	90	4.67	5.37	V
3	588	Piano 3	1	2	1	2.5	1.0	6371	2731	51262	25886	10	2	4	10	90	8.05	9.48	V
					2	2.5	1.0	6371	2731	30951	13746	10	2	4	24	110	4.86	5.03	V
					3	2.5	1.0	6371	2731	51543	25980	10	2	4	10	90	8.09	9.51	V
4	347	Piano 1	2	3	1	2.5	1.0	3463	2499	32997	25078	10	2	4	10	60	9.53	10.03	V
					2	2.5	1.0	3463	2499	19836	12949	10	2	4	24	205	5.73	5.18	V
					3	2.5	1.0	3463	2499	33109	25134	10	2	4	10	60	9.56	10.06	V
5	474	Piano 2	2	3	1	2.5	1.0	7938	1409	31699	24429	10	2	4	10	60	3.99	17.34	V
					2	2.5	1.0	7938	1409	18556	12309	10	2	4	24	205	2.34	8.74	V
					3	2.5	1.0	7938	1409	31835	24497	10	2	4	10	60	4.01	17.39	V
6	589	Piano 3	2	3	1	2.5	1.0	8261	668	30854	24044	10	2	4	10	60	3.74	36.00	V
					2	2.5	1.0	8261	668	17728	11932	10	2	4	24	170	2.15	17.87	V
					3	2.5	1.0	8261	668	31013	24123	10	2	4	10	60	3.75	36.12	V
7	348	Piano 1	3	3	1	2.5	1.0	3974	2450	32445	24802	10	2	4	10	60	8.16	10.13	V
					2	2.5	1.0	3974	2450	19292	12677	10	2	4	24	205	4.85	5.18	V
					3	2.5	1.0	3974	2450	32568	24863	10	2	4	10	60	8.19	10.15	V
8	475	Piano 2	3	3	1	2.5	1.0	8114	1675	31242	24200	10	2	4	10	60	3.85	14.45	V
					2	2.5	1.0	8114	1675	18104	12083	10	2	4	24	205	2.23	7.21	V
					3	2.5	1.0	8114	1675	31385	24272	10	2	4	10	60	3.87	14.49	V
9	590	Piano 3	3	3	1	2.5	1.0	8287	1035	30638	23936	10	2	4	10	60	3.70	23.13	V
					2	2.5	1.0	8287	1035	17515	11825	10	2	4	24	170	2.11	11.43	V
					3	2.5	1.0	8287	1035	30801	24017	10	2	4	10	60	3.72	23.20	V
10	349	Piano 1	4	1	1	2.5	1.0	2890	2883	28836	14927	10	2	2	10	53	9.98	5.18	V
					2	2.5	1.0	1121	1288	19064	9493	10	2	2	24	210	17.01	7.37	V
					3	2.5	1.0	8853	1198	31010	16231	10	2	2	10	53	3.50	13.55	V
11	476	Piano 2	4	1	1	2.5	1.0	5470	3495	29405	15268	10	2	2	10	53	5.38	4.37	V
					2	2.5	1.0	5470	3495	18612	9222	10	2	2	24	210	3.40	2.64	V
					3	2.5	1.0	5470	3495	29493	15320	10	2	2	10	53	5.39	4.38	V
12	591	Piano 3	4	1	1	2.5	1.0	6090	3072	27683	14784	10	2	2	10	50	4.55	4.81	V
					2	2.5	1.0	6090	3072	16906	8748	10	2	2	24	180	2.78	2.85	V
					3	2.5	1.0	6090	3072	27792	14850	10	2	2	10	50	4.56	4.83	V
13	353	Piano 1	5	17	1	2.5	1.0	22451	4699	60642	29434	10	2	4	9	90	2.70	6.26	V
					2	2.5	1.0	853	1465	35384	14623	10	2	4	24	135	41.50	9.98	V
					3	2.5	1.0	6276	1605	55720	26771	10	2	4	10	90	8.88	16.68	V
14	477	Piano 2	5	2	1	2.5	1.0	16422	5104	58816	27803	10	2	4	10	90	3.58	5.45	V
					2	2.5	1.0	16422	5104	38492	15659	10	2	4	24	135	2.34	3.07	V
					3	2.5	1.0	16422	5104	59059	27884	10	2	4	10	90	3.60	5.46	V
15	592	Piano 3	5	2	1	2.5	1.0	7979	4851	52541	26777	10	2	4	10	90	6.58	5.52	V
					2	2.5	1.0	7979	4851	32230	14637	10	2	4	24	100	4.04	3.02	V
					3	2.5	1.0	7979	4851	52821	26870	10	2	4	10	90	6.62	5.54	V
16	357	Piano 1	6	2	1	2.5	1.0	25252	4847	66891	32796	10	2	4	8	90	2.65	6.77	V
					2	2.5	1.0	1993	2491	37559	15348	10	2	4	24	135	18.85	6.16	V

					3	2.5	1.0	4128	2398	58041	27545	10	2	4	10	90	14.06	11.49	V
17	478	Piano 2	6	2	1	2.5	1.0	13578	5504	53798	26355	10	2	4	10	90	3.96	4.79	V
					2	2.5	1.0	13578	5504	33479	14212	10	2	4	24	135	2.47	2.58	V
					3	2.5	1.0	13578	5504	54053	26440	10	2	4	10	90	3.98	4.80	V
18	593	Piano 3	6	2	1	2.5	1.0	4564	5105	51855	26548	10	2	4	10	90	11.36	5.20	V
					2	2.5	1.0	4564	5105	31546	14409	10	2	4	24	100	6.91	2.82	V
					3	2.5	1.0	4564	5105	52142	26644	10	2	4	10	90	11.43	5.22	V
19	361	Piano 1	7	2	1	2.5	1.0	5597	7515	59948	28255	10	2	4	10	90	10.71	3.76	V
					2	2.5	1.0	5597	7515	39615	16108	10	2	4	24	145	7.08	2.14	V
					3	2.5	1.0	5597	7515	60164	28327	10	2	4	10	90	10.75	3.77	V
20	479	Piano 2	7	2	1	2.5	1.0	9848	7338	57467	27428	10	2	4	10	90	5.84	3.74	V
					2	2.5	1.0	9848	7338	37145	15284	10	2	4	24	145	3.77	2.08	V
					3	2.5	1.0	9848	7338	57714	27511	10	2	4	10	90	5.86	3.75	V
21	594	Piano 3	7	2	1	2.5	1.0	5605	4246	51679	26025	10	2	4	10	90	9.22	6.13	V
					2	2.5	1.0	5605	4246	31366	13885	10	2	4	24	110	5.60	3.27	V
					3	2.5	1.0	5605	4246	51955	26117	10	2	4	10	90	9.27	6.15	V
22	362	Piano 1	8	3	1	2.5	1.0	3065	4437	34344	25751	10	2	4	10	60	11.20	5.80	V
					2	2.5	1.0	3065	4437	21160	13611	10	2	4	24	205	6.90	3.07	V
					3	2.5	1.0	3065	4437	34425	25792	10	2	4	9	60	11.23	5.81	V
23	480	Piano 2	8	3	1	2.5	1.0	7809	4500	35921	26074	10	2	4	10	60	4.60	5.79	V
					2	2.5	1.0	7809	4500	22764	13946	10	2	4	24	205	2.92	3.10	V
					3	2.5	1.0	7809	4500	36039	26132	10	2	4	10	60	4.62	5.81	V
24	595	Piano 3	8	3	1	2.5	1.0	8205	2503	31561	24397	10	2	4	10	60	3.85	9.75	V
					2	2.5	1.0	8205	2503	18428	12282	10	2	4	24	170	2.25	4.91	V
					3	2.5	1.0	8205	2503	31711	24472	10	2	4	10	60	3.86	9.78	V
25	363	Piano 1	9	3	1	2.5	1.0	2448	4546	36633	26430	10	2	4	10	60	14.96	5.81	V
					2	2.5	1.0	2448	4546	23465	14297	10	2	4	24	205	9.58	3.14	V
					3	2.5	1.0	2448	4546	36736	26481	10	2	4	10	60	15.01	5.82	V
26	481	Piano 2	9	3	1	2.5	1.0	5693	4194	35410	25818	10	2	4	10	60	6.22	6.16	V
					2	2.5	1.0	5693	4194	22261	13694	10	2	4	24	205	3.91	3.27	V
					3	2.5	1.0	5693	4194	35537	25882	10	2	4	10	60	6.24	6.17	V
27	596	Piano 3	9	3	1	2.5	1.0	5392	2339	31254	24244	10	2	4	10	60	5.80	10.37	V
					2	2.5	1.0	5392	2339	18125	12130	10	2	4	24	170	3.36	5.19	V
					3	2.5	1.0	5392	2339	31408	24321	10	2	4	10	60	5.83	10.40	V
28	364	Piano 1	10	2	1	2.5	1.0	8679	7426	59617	28145	10	2	4	10	90	6.87	3.79	V
					2	2.5	1.0	8679	7426	39286	15998	10	2	4	24	145	4.53	2.15	V
					3	2.5	1.0	8679	7426	59837	28218	10	2	4	10	90	6.89	3.80	V
29	482	Piano 2	10	2	1	2.5	1.0	8374	6815	57267	27361	10	2	4	10	90	6.84	4.01	V
					2	2.5	1.0	8374	6815	36945	15218	10	2	4	24	145	4.41	2.23	V
					3	2.5	1.0	8374	6815	57516	27445	10	2	4	10	90	6.87	4.03	V
30	597	Piano 3	10	2	1	2.5	1.0	4983	4113	51585	25994	10	2	4	10	90	10.35	6.32	V
					2	2.5	1.0	4983	4113	31273	13853	10	2	4	24	110	6.28	3.37	V
					3	2.5	1.0	4983	4113	51862	26086	10	2	4	10	90	10.41	6.34	V
31	365	Piano 1	11	3	1	2.5	1.0	3508	4459	34334	25746	10	2	4	10	60	9.79	5.77	V
					2	2.5	1.0	3508	4459	21150	13606	10	2	4	24	205	6.03	3.05	V
					3	2.5	1.0	3508	4459	34416	25787	10	2	4	8	60	9.81	5.78	V
32	483	Piano 2	11	3	1	2.5	1.0	7462	4424	32930	25044	10	2	4	10	60	4.41	5.66	V
					2	2.5	1.0	7462	4424	19770	12916	10	2	4	24	205	2.65	2.92	V
					3	2.5	1.0	7462	4424	33044	25101	10	2	4	10	60	4.43	5.67	V
33	598	Piano 3	11	3	1	2.5	1.0	8108	2561	31656	24445	10	2	4	10	60	3.90	9.55	V
					2	2.5	1.0	8108	2561	18523	12329	10	2	4	24	170	2.28	4.81	V
					3	2.5	1.0	8108	2561	31805	24519	10	2	4	10	60	3.92	9.57	V
34	366	Piano 1	12	2	1	2.5	1.0	8665	7133	56415	27285	10	2	4	10	90	6.51	3.83	V
					2	2.5	1.0	8686	7133	36081	15137	10	2	4	24	145	4.15	2.12	V
					3	2.5	1.0	8729	7133	56626	27355	10	2	4	10	90	6.49	3.84	V
35	484	Piano 2	12	3	1	2.5	1.0	4957	4856	37183	26471	10	2	4	10	60	7.50	5.45	V
					2	2.5	1.0	4957	4856	24031	14346	10	2	4	24	205	4.85	2.95	V
					3	2.5	1.0	4957	4856	37307	26533	10	2	4	10	60	7.53	5.46	V
36	599	Piano 3	12	3	1	2.5	1.0	5114	2979	34851	25594	10	2	4	10	60	6.82	8.59	V
					2	2.5	1.0	5114	2979	21720	13480	10	2	4	24	170	4.25	4.52	V
					3	2.5	1.0	5114	2979	35003	25670	10	2	4	10	60	6.84	8.62	V
37	367	Piano 1	13	1	1	2.5	1.0	2639	4276	37305	18861	10	2	2	10	53	14.13	4.41	V
					2	2.5	1.0	2639	4276	26196	12657	10	2	2	25	210	9.93	2.96	V
					3	2.5	1.0	2639	4276	37320	18869	10	2	2	5	53	14.14	4.41	V
38	485	Piano 2	13	1	1	2.5	1.0	4211	4589	36524	18392	10	2	2	10	53	8.67	4.01	V
					2	2.5	1.0	4211	4589	25443	12205	10	2	2	25	210	6.04	2.66	V
					3	2.5	1.0	4211	4589	36576	18423	10	2	2	10	53	8.69	4.01	V
39	600	Piano 3	13	1	1	2.5	1.0	4479	2999	36668	19035	10	2	2	10	50	8.19	6.35	V
					2	2.5	1.0	4479	2999	25616	12866	10	2	2	25	180	5.72	4.29	V
					3	2.5	1.0	4479	2999	36759	19090	10	2	2	10	50	8.21	6.36	V
40	368	Piano 1	14	2	1	2.5	1.0	7295	7229	67133	30464	10	2	4	10	90	9.20	4.21	V
					2	2.5	1.0	7295	7229	46778	18309	10	2	4	24	135	6.41	2.53	V
					3	2.5	1.0	7295	7229	67281	30513	10	2	4	10	90	9.22	4.22	V
41	486	Piano 2	14	2	1	2.5	1.0	12393	7559	63981	29413	10	2	4	10	90	5.16	3.89	V
					2	2.5	1.0	12393	7559	43644	17264	10	2	4	24	135	3.52	2.28	V
					3	2.5	1.0	12393	7559	64182	29480	10	2	4	10	90	5.18	3.90	V
42	601	Piano 3	14	2	1	2.5	1.0	9690	4912	61325	29730	10	2	4	10	90	6.33	6.05	V
					2	2.5	1.0	9690	4912	41005	17587	10	2	4	24	100	4.23	3.58	V
					3	2.5	1.0	9690	4912	61581	29815	10	2	4	10	90	6.36	6.07	V
43	369	Piano 1	15	2	1	2.5	1.0	7334	7163	70007	31225	10	2	4	10	90	9.55	4.36	V
					2	2.5	1.0	7334	7163	49656	19071	10	2	4	24	135	6.77	2.66	V
					3	2.5	1.0	7334	7163	70168	31278	10	2	4	10	90	9.57	4.37	V
44	487	Piano 2	15	2	1	2.5	1.0	8696	7642	66777	30148	10	2	4	10	90	7.68	3.95	V
					2	2.5	1.0	8696	7642	46443	18000	10	2	4	24	135	5.34	2.36	V
					3	2.5	1.0	8696	7642	66989	30219	10	2	4	10	90	7.70	3.95	V
45	602	Piano 3	15	2	1	2.5	1.0	4528	5161	60364	29410	10	2	4	10	90	13.33	5.70	V
					2	2.5	1.0	4528	5161	40048	17268	10	2	4	24	100	8.84	3.35	V
					3	2.5	1.0	4528	5161	60630	29498	10	2	4	10	90	13.39	5.72	V
46	370	Piano 1	16	7	1	2.5	1.0	5626	7537	55968	27136	10	2	4	10	90	9.95	3.60	V
					2	2.5	1.0	5626	7537	35635	14988	10	2	4	24	145	6.33	1.99	V
					3	2.5	1.0	5626	7537	56184	27208	10	2	4	10	90	9.99	3.61	V
47	488	Piano 2	16	7	1	2.5	1.0	6874	7162	55038	26768	10	2	4	10	90	8.01	3.74	V
					2	2.5	1.0	6874	7162	34713	14623	10	2	4	24	135	5.05	2.04	V
					3	2.5	1.0	6874	7162	55278	26848	10	2	4	10	90	8.04	3.75	V
48	603	Piano 3	16	7	1	2.5	1.0	12976	4283	52930	26906	10	2	4	10	90	4.08	6.28	V

					2	2.5	1.0	12976	4283	32617	14766	10	2	4	24	100	2.51	3.45	V
					3	2.5	1.0	12976	4283	53206	26999	10	2	4	10	90	4.10	6.30	V
49	371	Piano 1	17	7	1	2.5	1.0	5255	7003	57176	27538	10	2	4	10	90	10.88	3.93	V
					2	2.5	1.0	5255	7003	36838	15389	10	2	4	24	145	7.01	2.20	V
					3	2.5	1.0	5255	7003	57375	27605	10	2	4	10	90	10.92	3.94	V
50	489	Piano 2	17	7	1	2.5	1.0	5975	6600	56526	27264	10	2	4	10	90	9.46	4.13	V
					2	2.5	1.0	5975	6600	36195	15117	10	2	4	24	135	6.06	2.29	V
					3	2.5	1.0	5975	6600	56747	27337	10	2	4	10	90	9.50	4.14	V
51	604	Piano 3	17	7	1	2.5	1.0	14247	3790	54022	27271	10	2	4	10	90	3.79	7.20	V
					2	2.5	1.0	14247	3790	33706	15129	10	2	4	24	100	2.37	3.99	V
					3	2.5	1.0	14247	3790	54288	27359	10	2	4	10	90	3.81	7.22	V
52	372	Piano 1	18	7	1	2.5	1.0	5387	7188	56093	27178	10	2	4	10	90	10.41	3.78	V
					2	2.5	1.0	5387	7188	35760	15030	10	2	4	24	145	6.64	2.09	V
					3	2.5	1.0	5387	7188	56308	27249	10	2	4	10	90	10.45	3.79	V
53	490	Piano 2	18	7	1	2.5	1.0	6581	6915	55088	26784	10	2	4	10	90	8.37	3.87	V
					2	2.5	1.0	6581	6915	34763	14640	10	2	4	24	135	5.28	2.12	V
					3	2.5	1.0	6581	6915	55328	26864	10	2	4	10	90	8.41	3.88	V
54	605	Piano 3	18	7	1	2.5	1.0	13119	3968	52935	26908	10	2	4	10	90	4.03	6.78	V
					2	2.5	1.0	13119	3968	32623	14768	10	2	4	24	100	2.49	3.72	V
					3	2.5	1.0	13119	3968	53212	27001	10	2	4	10	90	4.06	6.80	V
55	373	Piano 1	19	7	1	2.5	1.0	6962	7075	57277	27572	10	2	4	10	90	8.23	3.90	V
					2	2.5	1.0	6962	7075	36938	15423	10	2	4	24	145	5.31	2.18	V
					3	2.5	1.0	6962	7075	57475	27638	10	2	4	10	90	8.26	3.91	V
56	491	Piano 2	19	7	1	2.5	1.0	5587	6753	56598	27288	10	2	4	10	90	10.13	4.04	V
					2	2.5	1.0	5587	6753	36267	15141	10	2	4	24	135	6.49	2.24	V
					3	2.5	1.0	5587	6753	56818	27361	10	2	4	10	90	10.17	4.05	V
57	606	Piano 3	19	7	1	2.5	1.0	14854	3937	54100	27297	10	2	4	10	90	3.64	6.93	V
					2	2.5	1.0	14854	3937	33784	15155	10	2	4	24	100	2.27	3.85	V
					3	2.5	1.0	14854	3937	54365	27385	10	2	4	10	90	3.66	6.96	V
58	374	Piano 1	20	3	1	2.5	1.0	5353	4845	43647	29130	10	2	4	10	60	8.15	6.01	V
					2	2.5	1.0	5353	4845	30428	16971	10	2	4	24	195	5.68	3.50	V
					3	2.5	1.0	5353	4845	43682	29147	10	2	4	7	60	8.16	6.02	V
59	492	Piano 2	20	1	1	2.5	1.0	4371	4307	36848	18587	10	2	2	10	53	8.43	4.31	V
					2	2.5	1.0	4371	4307	25759	12395	10	2	2	25	210	5.89	2.88	V
					3	2.5	1.0	4371	4307	36889	18611	10	2	2	10	53	8.44	4.32	V
60	607	Piano 3	20	1	1	2.5	1.0	5549	2792	37447	19503	10	2	2	10	50	6.75	6.98	V
					2	2.5	1.0	5549	2792	26386	13327	10	2	2	25	180	4.76	4.77	V
					3	2.5	1.0	5549	2792	37525	19550	10	2	2	10	50	6.76	7.00	V
61	650	Piano 4	20	1	1	2.5	1.0	8278	2172	38872	21695	10	2	2	10	50	4.70	9.99	V
					2	2.5	1.0	8278	2172	27834	15533	10	2	2	25	150	3.36	7.15	V
					3	2.5	1.0	8278	2172	38981	21760	10	2	2	10	50	4.71	10.02	V
62	375	Piano 1	21	2	1	2.5	1.0	10919	6795	67929	30729	10	2	4	10	90	6.22	4.52	V
					2	2.5	1.0	10919	6795	47568	18572	10	2	4	24	135	4.36	2.73	V
					3	2.5	1.0	10919	6795	68060	30773	10	2	4	9	90	6.23	4.53	V
63	493	Piano 2	21	2	1	2.5	1.0	12355	6906	64840	29699	10	2	4	10	90	5.25	4.30	V
					2	2.5	1.0	12355	6906	44498	17549	10	2	4	24	135	3.60	2.54	V
					3	2.5	1.0	12355	6906	65028	29762	10	2	4	10	90	5.26	4.31	V
64	608	Piano 3	21	2	1	2.5	1.0	11830	4486	62537	30134	10	2	4	10	90	5.29	6.72	V
					2	2.5	1.0	11830	4486	42213	17989	10	2	4	24	100	3.57	4.01	V
					3	2.5	1.0	11830	4486	62780	30215	10	2	4	10	90	5.31	6.74	V
65	651	Piano 4	21	1	1	2.5	1.0	8803	3817	39643	22157	10	2	2	10	50	4.50	5.80	V
					2	2.5	1.0	8803	3817	28599	15992	10	2	2	25	150	3.25	4.19	V
					3	2.5	1.0	8803	3817	39744	22217	10	2	2	10	50	4.51	5.82	V
66	376	Piano 1	22	15	1	2.5	1.0	9736	7487	72112	30095	10	2	4	10	100	7.41	4.02	V
					2	2.5	1.0	9736	7487	49398	17946	10	2	4	24	115	5.07	2.40	V
					3	2.5	1.0	9736	7487	72342	30164	10	2	4	10	100	7.43	4.03	V
67	494	Piano 2	22	15	1	2.5	1.0	10619	7605	68517	29016	10	2	4	10	100	6.45	3.82	V
					2	2.5	1.0	10619	7605	45819	16873	10	2	4	24	115	4.31	2.22	V
					3	2.5	1.0	10619	7605	68798	29101	10	2	4	10	100	6.48	3.83	V
68	609	Piano 3	22	15	1	2.5	1.0	7314	5056	65524	29376	10	2	4	10	280	8.96	5.81	V
69	377	Piano 1	23	7	1	2.5	1.0	5776	6965	56225	27222	10	2	4	10	90	9.74	3.91	V
					2	2.5	1.0	5776	6965	35892	15074	10	2	4	24	145	6.21	2.16	V
					3	2.5	1.0	5776	6965	56438	27292	10	2	4	10	90	9.77	3.92	V
70	495	Piano 2	23	7	1	2.5	1.0	5821	6727	55237	26834	10	2	4	10	90	9.49	3.99	V
					2	2.5	1.0	5821	6727	34911	14689	10	2	4	24	135	6.00	2.18	V
					3	2.5	1.0	5821	6727	55474	26913	10	2	4	10	90	9.53	4.00	V
71	610	Piano 3	23	7	1	2.5	1.0	13668	3934	53016	26935	10	2	4	10	90	3.88	6.85	V
					2	2.5	1.0	13668	3934	32704	14795	10	2	4	24	100	2.39	3.76	V
					3	2.5	1.0	13668	3934	53292	27027	10	2	4	10	90	3.90	6.87	V
72	378	Piano 1	24	7	1	2.5	1.0	7619	7075	57275	27571	10	2	4	10	90	7.52	3.90	V
					2	2.5	1.0	7619	7075	36936	15422	10	2	4	24	145	4.85	2.18	V
					3	2.5	1.0	7619	7075	57473	27637	10	2	4	10	90	7.54	3.91	V
73	496	Piano 2	24	7	1	2.5	1.0	4022	6715	56578	27281	10	2	4	10	90	14.07	4.06	V
					2	2.5	1.0	4022	6715	36247	15134	10	2	4	24	135	9.01	2.25	V
					3	2.5	1.0	4022	6715	56798	27355	10	2	4	10	90	14.12	4.07	V
74	611	Piano 3	24	7	1	2.5	1.0	15163	3911	54029	27273	10	2	4	10	90	3.56	6.97	V
					2	2.5	1.0	15163	3911	33713	15131	10	2	4	24	100	2.22	3.87	V
					3	2.5	1.0	15163	3911	54295	27362	10	2	4	10	90	3.58	7.00	V
75	379	Piano 1	25	7	1	2.5	1.0	6325	7120	56123	27187	10	2	4	10	90	8.87	3.82	V
					2	2.5	1.0	6325	7120	35789	15040	10	2	4	24	145	5.66	2.11	V
					3	2.5	1.0	6325	7120	56337	27259	10	2	4	10	90	8.91	3.83	V
76	497	Piano 2	25	7	1	2.5	1.0	5692	6738	55118	26794	10	2	4	10	90	9.68	3.98	V
					2	2.5	1.0	5692	6738	34793	14650	10	2	4	24	135	6.11	2.17	V
					3	2.5	1.0	5692	6738	55357	26874	10	2	4	10	90	9.73	3.99	V
77	612	Piano 3	25	7	1	2.5	1.0	13872	4057	52953	26914	10	2	4	10	90	3.82	6.63	V
					2	2.5	1.0	13872	4057	32641	14774	10	2	4	24	100	2.35	3.64	V
					3	2.5	1.0	13872	4057	53230	27007	10	2	4	10	90	3.84	6.66	V
78	380	Piano 1	26	7	1	2.5	1.0	9383	6996	57490	27643	10	2	4	10	90	6.13	3.95	V
					2	2.5	1.0	9383	6996	37150	15493	10	2	4	24	145	3.96	2.21	V
					3	2.5	1.0	9383	6996	57685	27708	10	2	4	10	90	6.15	3.96	V
79	498	Piano 2	26	7	1	2.5	1.0	4561	6629	56869	27378	10	2	4	10	90	12.47	4.13	V
					2	2.5	1.0	4561	6629	36536	15231	10	2	4	24	135	8.01	2.30	V
					3	2.5	1.0	4561	6629	57085	27450	10	2	4	10	90	12.52	4.14	V
80	613	Piano 3	26	7	1	2.5	1.0	16319	3816	54269	27353	10	2	4	10	90	3.33	7.17	V
					2	2.5	1.0	16319	3816	33952	15211	10	2	4	24	100	2.08	3.99	V

					3	2.5	1.0	16319	3816	54533	27441	10	2	4	10	90	3.34	7.19	V
81	381	Piano 1	27	3	1	2.5	1.0	5689	4831	40629	28064	10	2	4	10	60	7.14	5.81	V
					2	2.5	1.0	5689	4831	27417	15909	10	2	4	24	195	4.82	3.29	V
					3	2.5	1.0	5689	4831	40673	28085	10	2	4	8	60	7.15	5.81	V
82	499	Piano 2	27	3	1	2.5	1.0	4847	5275	39413	27456	10	2	4	10	60	8.13	5.20	V
					2	2.5	1.0	4847	5275	26233	15317	10	2	4	24	195	5.41	2.90	V
					3	2.5	1.0	4847	5275	39500	27499	10	2	4	10	60	8.15	5.21	V
83	614	Piano 3	27	3	1	2.5	1.0	5519	3504	39004	27839	10	2	4	10	60	7.07	7.94	V
					2	2.5	1.0	5519	3504	25854	15715	10	2	4	24	160	4.68	4.48	V
					3	2.5	1.0	5519	3504	39131	27902	10	2	4	10	60	7.09	7.96	V
84	652	Piano 4	27	3	1	2.5	1.0	5928	2071	38338	29073	10	2	4	10	60	6.47	14.04	V
					2	2.5	1.0	5928	2071	25130	16920	10	2	4	24	120	4.24	8.17	V
					3	2.5	1.0	5928	2071	38452	29130	10	2	4	10	60	6.49	14.06	V
85	382	Piano 1	28	12	1	2.5	1.0	2817	3052	20610	14298	10	2	2	10	54	7.32	4.68	V
					2	2.5	1.0	2817	3052	12169	8235	10	2	2	24	217	4.32	2.70	V
					3	2.5	1.0	2817	3052	20651	14329	10	2	2	9	54	7.33	4.69	V
86	500	Piano 2	28	12	1	2.5	1.0	3921	3097	20016	13852	10	2	2	10	54	5.10	4.47	V
					2	2.5	1.0	3921	3097	11584	7796	10	2	2	24	217	2.95	2.52	V
					3	2.5	1.0	3921	3097	20069	13892	10	2	2	10	54	5.12	4.49	V
87	615	Piano 3	28	12	1	2.5	1.0	4034	1946	20381	13837	10	2	2	10	48	5.05	7.11	V
					2	2.5	1.0	4034	1946	11957	7787	10	2	2	24	193	2.96	4.00	V
					3	2.5	1.0	4034	1946	20444	13884	10	2	2	10	48	5.07	7.13	V
88	383	Piano 1	29	3	1	2.5	1.0	6749	4933	39483	27491	10	2	4	10	60	5.85	5.57	V
					2	2.5	1.0	6749	4933	26302	15351	10	2	4	24	195	3.90	3.11	V
					3	2.5	1.0	6749	4933	39568	27533	10	2	4	10	60	5.86	5.58	V
89	501	Piano 2	29	3	1	2.5	1.0	8458	5635	38274	26886	10	2	4	10	60	4.53	4.77	V
					2	2.5	1.0	8458	5635	25114	14757	10	2	4	24	195	2.97	2.62	V
					3	2.5	1.0	8458	5635	38387	26943	10	2	4	10	60	4.54	4.78	V
90	616	Piano 3	29	3	1	2.5	1.0	8855	3825	38569	27621	10	2	4	10	60	4.36	7.22	V
					2	2.5	1.0	8855	3825	25424	15500	10	2	4	24	160	2.87	4.05	V
					3	2.5	1.0	8855	3825	38702	27688	10	2	4	10	60	4.37	7.24	V
91	653	Piano 4	29	3	1	2.5	1.0	9862	3509	38642	29225	10	2	4	10	60	3.92	8.33	V
					2	2.5	1.0	9862	3509	25434	17072	10	2	4	24	120	2.58	4.87	V
					3	2.5	1.0	9862	3509	38753	29281	10	2	4	10	60	3.93	8.35	V
92	384	Piano 1	30	3	1	2.5	1.0	6907	4914	37929	26966	10	2	4	10	60	5.49	5.49	V
					2	2.5	1.0	6907	4914	24746	14825	10	2	4	24	195	3.58	3.02	V
					3	2.5	1.0	6907	4914	38012	27007	10	2	4	9	60	5.50	5.50	V
93	502	Piano 2	30	3	1	2.5	1.0	8550	5557	36831	26417	10	2	4	10	60	4.31	4.75	V
					2	2.5	1.0	8550	5557	23668	14286	10	2	4	24	195	2.77	2.57	V
					3	2.5	1.0	8550	5557	36941	26471	10	2	4	10	60	4.32	4.76	V
94	617	Piano 3	30	3	1	2.5	1.0	8689	3886	36773	26891	10	2	4	10	60	4.23	6.92	V
					2	2.5	1.0	8689	3886	23628	14770	10	2	4	24	160	2.72	3.80	V
					3	2.5	1.0	8689	3886	36907	26958	10	2	4	10	60	4.25	6.94	V
95	654	Piano 4	30	3	1	2.5	1.0	8244	3576	36310	28003	10	2	4	10	60	4.40	7.83	V
					2	2.5	1.0	8244	3576	23103	15851	10	2	4	24	120	2.80	4.43	V
					3	2.5	1.0	8244	3576	36424	28060	10	2	4	10	60	4.42	7.85	V
96	385	Piano 1	31	2	1	2.5	1.0	9797	7093	66944	30401	10	2	4	10	90	6.83	4.29	V
					2	2.5	1.0	9797	7093	46590	18246	10	2	4	24	135	4.76	2.57	V
					3	2.5	1.0	9797	7093	67096	30451	10	2	4	10	90	6.85	4.29	V
97	503	Piano 2	31	2	1	2.5	1.0	8169	7524	63669	29309	10	2	4	10	90	7.79	3.90	V
					2	2.5	1.0	8169	7524	43333	17160	10	2	4	24	135	5.30	2.28	V
					3	2.5	1.0	8169	7524	63875	29377	10	2	4	10	90	7.82	3.90	V
98	618	Piano 3	31	2	1	2.5	1.0	6668	4849	60585	29483	10	2	4	10	90	9.09	6.08	V
					2	2.5	1.0	6668	4849	40269	17341	10	2	4	24	100	6.04	3.58	V
					3	2.5	1.0	6668	4849	60849	29571	10	2	4	10	90	9.13	6.10	V
99	386	Piano 1	32	4	1	2.5	1.0	1215	2509	15425	15425	10	2	2	10	54	12.70	6.15	V
					2	2.5	1.0	1215	2509	9235	9235	10	2	2	25	217	7.60	3.68	V
					3	2.5	1.0	1215	2509	15452	15452	10	2	2	10	54	12.72	6.16	V
100	504	Piano 2	32	4	1	2.5	1.0	1520	2820	15161	15161	10	2	2	10	54	9.97	5.38	V
					2	2.5	1.0	1520	2820	8974	8974	10	2	2	25	217	5.90	3.18	V
					3	2.5	1.0	1520	2820	15193	15193	10	2	2	10	54	9.99	5.39	V
101	619	Piano 3	32	4	1	2.5	1.0	1562	1794	15454	15454	10	2	2	10	48	9.89	8.62	V
					2	2.5	1.0	1562	1794	9271	9271	10	2	2	25	193	5.93	5.17	V
					3	2.5	1.0	1562	1794	15491	15491	10	2	2	10	48	9.92	8.64	V
102	655	Piano 4	32	4	1	2.5	1.0	1124	1150	17851	17851	10	2	2	10	45	15.89	15.52	V
					2	2.5	1.0	1124	1150	11672	11672	10	2	2	25	150	10.39	10.15	V
					3	2.5	1.0	1124	1150	17893	17893	10	2	2	10	45	15.92	15.56	V
103	387	Piano 1	33	4	1	2.5	1.0	1186	2508	15443	15443	10	2	2	10	54	13.02	6.16	V
					2	2.5	1.0	1186	2508	9253	9253	10	2	2	25	217	7.80	3.69	V
					3	2.5	1.0	1186	2508	15470	15470	10	2	2	10	54	13.04	6.17	V
104	505	Piano 2	33	4	1	2.5	1.0	1412	2780	15197	15197	10	2	2	10	54	10.76	5.47	V
					2	2.5	1.0	1412	2780	9010	9010	10	2	2	25	217	6.38	3.24	V
					3	2.5	1.0	1412	2780	15228	15228	10	2	2	10	54	10.79	5.48	V
105	620	Piano 3	33	4	1	2.5	1.0	1447	1800	15486	15486	10	2	2	10	48	10.70	8.60	V
					2	2.5	1.0	1447	1800	9303	9303	10	2	2	25	193	6.43	5.17	V
					3	2.5	1.0	1447	1800	15523	15523	10	2	2	10	48	10.73	8.62	V
106	656	Piano 4	33	4	1	2.5	1.0	1077	1257	17902	17902	10	2	2	10	45	16.62	14.25	V
					2	2.5	1.0	1077	1257	11722	11722	10	2	2	25	150	10.88	9.33	V
					3	2.5	1.0	1077	1257	17943	17943	10	2	2	10	45	16.66	14.28	V
107	388	Piano 1	34	7	1	2.5	1.0	7444	7477	55977	27139	10	2	4	10	90	7.52	3.63	V
					2	2.5	1.0	7444	7477	35644	14991	10	2	4	24	145	4.79	2.00	V
					3	2.5	1.0	7444	7477	56193	27211	10	2	4	10	90	7.55	3.64	V
108	506	Piano 2	34	7	1	2.5	1.0	4981	6985	55400	26888	10	2	4	10	90	11.12	3.85	V
					2	2.5	1.0	4981	6985	35074	14743	10	2	4	24	135	7.04	2.11	V
					3	2.5	1.0	4981	6985	55635	26967	10	2	4	10	90	11.17	3.86	V
109	621	Piano 3	34	7	1	2.5	1.0	15098	4380	53171	26987	10	2	4	10	90	3.52	6.16	V
					2	2.5	1.0	15098	4380	32858	14846	10	2	4	24	100	2.18	3.39	V
					3	2.5	1.0	15098	4380	53446	27079	10	2	4	10	90	3.54	6.18	V
110	389	Piano 1	35	7	1	2.5	1.0	9433	6854	58487	27975	10	2	4	10	90	6.20	4.08	V
					2	2.5	1.0	9433	6854	38142	15824	10	2	4	24	145	4.04	2.31	V
					3	2.5	1.0	9433	6854	58667	28035	10	2	4	10	90	6.22	4.09	V
111	507	Piano 2	35	7	1	2.5	1.0	4674	6389	57434	27566	10	2	4	10	90	12.29	4.31	V
					2	2.5	1.0	4674	6389	37098	15418	10	2	4	24	135	7.94	2.41	V
					3	2.5	1.0	4674	6389	57642	27636	10	2	4	10	90	12.33	4.33	V
112	622	Piano 3	35	7	1	2.5	1.0	17217	3596	54466	27419	10	2	4	10	90	3.16	7.63	V

					2	2.5	1.0	17217	3596	34148	15276	10	2	4	24	100	1.98	4.25	V
					3	2.5	1.0	17217	3596	54727	27506	10	2	4	10	90	3.18	7.65	V
113	390	Piano 1	36	12	1	2.5	1.0	2658	3284	24049	16297	10	2	2	10	54	9.05	4.96	V
					2	2.5	1.0	2658	3284	15407	10103	10	2	2	25	217	5.80	3.08	V
					3	2.5	1.0	2658	3284	24079	16319	10	2	2	7	54	9.06	4.97	V
114	508	Piano 2	36	12	1	2.5	1.0	2712	3492	23392	15804	10	2	2	10	54	8.63	4.53	V
					2	2.5	1.0	2712	3492	14763	9620	10	2	2	25	217	5.44	2.76	V
					3	2.5	1.0	2712	3492	23439	15840	10	2	2	10	54	8.64	4.54	V
115	623	Piano 3	36	12	1	2.5	1.0	2980	2234	24057	15782	10	2	2	10	48	8.07	7.07	V
					2	2.5	1.0	2980	2234	15439	9607	10	2	2	25	193	5.18	4.30	V
					3	2.5	1.0	2980	2234	24120	15830	10	2	2	10	48	8.09	7.09	V
116	391	Piano 1	37	4	1	2.5	1.0	1554	2333	13766	13766	10	2	2	10	54	8.86	5.90	V
					2	2.5	1.0	1554	2333	7576	7576	10	2	2	25	217	4.87	3.25	V
					3	2.5	1.0	1554	2333	13794	13794	10	2	2	10	54	8.88	5.91	V
117	509	Piano 2	37	4	1	2.5	1.0	1953	2427	13477	13477	10	2	2	10	54	6.90	5.55	V
					2	2.5	1.0	1953	2427	7291	7291	10	2	2	25	217	3.73	3.00	V
					3	2.5	1.0	1953	2427	13510	13510	10	2	2	10	54	6.92	5.57	V
118	624	Piano 3	37	4	1	2.5	1.0	2089	1447	15538	15538	10	2	2	10	48	7.44	10.74	V
					2	2.5	1.0	2089	1447	9354	9354	10	2	2	25	193	4.48	6.47	V
					3	2.5	1.0	2089	1447	15574	15574	10	2	2	10	48	7.46	10.76	V
119	657	Piano 4	37	4	1	2.5	1.0	1425	1024	17979	17979	10	2	2	10	45	12.62	17.56	V
					2	2.5	1.0	1425	1024	11798	11798	10	2	2	25	150	8.28	11.52	V
					3	2.5	1.0	1425	1024	18019	18019	10	2	2	10	45	12.64	17.60	V
120	392	Piano 1	38	4	1	2.5	1.0	1392	2341	13649	13649	10	2	2	10	54	9.81	5.83	V
					2	2.5	1.0	1392	2341	7583	7583	10	2	2	24	217	5.45	3.24	V
					3	2.5	1.0	1392	2341	13676	13676	10	2	2	10	54	9.83	5.84	V
121	510	Piano 2	38	4	1	2.5	1.0	1684	2379	13380	13380	10	2	2	10	54	7.95	5.62	V
					2	2.5	1.0	1684	2379	7318	7318	10	2	2	24	217	4.35	3.08	V
					3	2.5	1.0	1684	2379	13412	13412	10	2	2	10	54	7.97	5.64	V
122	625	Piano 3	38	4	1	2.5	1.0	1804	1396	13503	13503	10	2	2	10	48	7.48	9.67	V
					2	2.5	1.0	1804	1396	7444	7444	10	2	2	24	193	4.13	5.33	V
					3	2.5	1.0	1804	1396	13539	13539	10	2	2	10	48	7.50	9.70	V
123	658	Piano 4	38	4	1	2.5	1.0	1273	1055	15017	15017	10	2	2	10	45	11.79	14.23	V
					2	2.5	1.0	1273	1055	8959	8959	10	2	2	24	150	7.04	8.49	V
					3	2.5	1.0	1273	1055	15053	15053	10	2	2	10	45	11.82	14.26	V
124	393	Piano 1	39	2	1	2.5	1.0	13763	7320	56260	27233	10	2	4	10	90	4.09	3.72	V
					2	2.5	1.0	13763	7320	35926	15085	10	2	4	24	145	2.61	2.06	V
					3	2.5	1.0	13763	7320	56472	27304	10	2	4	10	90	4.10	3.73	V
125	511	Piano 2	39	7	1	2.5	1.0	10182	6705	58380	27658	10	2	4	10	90	5.73	4.12	V
					2	2.5	1.0	10182	6705	38058	15514	10	2	4	24	135	3.74	2.31	V
					3	2.5	1.0	10182	6705	58628	27741	10	2	4	10	90	5.76	4.14	V
126	626	Piano 3	39	2	1	2.5	1.0	10720	3596	52175	26655	10	2	4	10	90	4.87	7.41	V
					2	2.5	1.0	10720	3596	31865	14515	10	2	4	24	100	2.97	4.04	V
					3	2.5	1.0	10720	3596	52459	26750	10	2	4	10	90	4.89	7.44	V
127	394	Piano 1	41	16	1	2.5	1.0	16104	4549	46141	28950	10	2	4	9	70	2.87	6.36	V
					2	2.5	1.0	16121	4549	28665	15301	10	2	4	22	175	1.78	3.36	V
					3	2.5	1.0	16126	4549	46298	29017	10	2	4	9	70	2.87	6.38	V
128	512	Piano 2	41	3	1	2.5	1.0	11469	4050	35958	25980	10	2	4	10	60	3.14	6.42	V
					2	2.5	1.0	11469	4050	22808	13856	10	2	4	24	195	1.99	3.42	V
					3	2.5	1.0	11469	4050	36085	26044	10	2	4	10	60	3.15	6.43	V
129	627	Piano 3	41	3	1	2.5	1.0	13663	2255	38499	28811	10	2	4	9	60	2.82	12.78	V
					2	2.5	1.0	13663	2255	23700	15166	10	2	4	22	160	1.73	6.73	V
					3	2.5	1.0	13663	2255	38645	28884	10	2	4	9	60	2.83	12.81	V
130	659	Piano 4	41	3	1	2.5	1.0	8494	2563	34050	26817	10	2	4	10	60	4.01	10.46	V
					2	2.5	1.0	8494	2563	20844	14665	10	2	4	24	120	2.45	5.72	V
					3	2.5	1.0	8494	2563	34168	26876	10	2	4	10	60	4.02	10.48	V
131	395	Piano 1	42	3	1	2.5	1.0	9685	2721	33160	25159	10	2	4	10	60	3.42	9.25	V
					2	2.5	1.0	9685	2721	19997	13029	10	2	4	24	205	2.06	4.79	V
					3	2.5	1.0	9685	2721	33269	25214	10	2	4	10	60	3.44	9.27	V
132	513	Piano 2	42	3	1	2.5	1.0	10824	2158	32007	24583	10	2	4	10	60	2.96	11.39	V
					2	2.5	1.0	10824	2158	18860	12461	10	2	4	24	205	1.74	5.77	V
					3	2.5	1.0	10824	2158	32138	24648	10	2	4	10	60	2.97	11.42	V
133	628	Piano 3	42	3	1	2.5	1.0	11339	1723	31454	24344	10	2	4	10	60	2.77	14.13	V
					2	2.5	1.0	11339	1723	18323	12229	10	2	4	24	170	1.62	7.10	V
					3	2.5	1.0	11339	1723	31606	24420	10	2	4	10	60	2.79	14.18	V
134	660	Piano 4	42	3	1	2.5	1.0	8365	1639	31436	25454	10	2	4	10	60	3.76	15.53	V
					2	2.5	1.0	8365	1639	18232	13303	10	2	4	24	120	2.18	8.12	V
					3	2.5	1.0	8365	1639	31560	25516	10	2	4	10	60	3.77	15.57	V
135	396	Piano 1	43	3	1	2.5	1.0	8725	4140	36896	26449	10	2	4	10	60	4.23	6.39	V
					2	2.5	1.0	8725	4140	23732	14318	10	2	4	24	195	2.72	3.46	V
					3	2.5	1.0	8725	4140	37004	26503	10	2	4	10	60	4.24	6.40	V
136	514	Piano 2	43	3	1	2.5	1.0	10719	4860	35791	25896	10	2	4	10	60	3.34	5.33	V
					2	2.5	1.0	10719	4860	22643	13774	10	2	4	24	195	2.11	2.83	V
					3	2.5	1.0	10719	4860	35921	25961	10	2	4	10	60	3.35	5.34	V
137	629	Piano 3	43	3	1	2.5	1.0	11631	3352	32232	24957	10	2	4	10	60	2.77	7.44	V
					2	2.5	1.0	11631	3352	19099	12841	10	2	4	24	160	1.64	3.83	V
					3	2.5	1.0	11631	3352	32382	25031	10	2	4	10	60	2.78	7.47	V
138	661	Piano 4	43	3	1	2.5	1.0	5718	3197	35583	27640	10	2	4	10	60	6.22	8.65	V
					2	2.5	1.0	5718	3197	22378	15488	10	2	4	24	120	3.91	4.84	V
					3	2.5	1.0	5718	3197	35704	27700	10	2	4	10	60	6.24	8.66	V
139	397	Piano 1	44	2	1	2.5	1.0	10077	5324	57857	27707	10	2	4	10	90	5.74	5.20	V
					2	2.5	1.0	10077	5324	37520	15559	10	2	4	24	135	3.72	2.92	V
					3	2.5	1.0	10077	5324	58060	27775	10	2	4	10	90	5.76	5.22	V
140	515	Piano 2	44	2	1	2.5	1.0	10169	5806	55226	26831	10	2	4	10	90	5.43	4.62	V
					2	2.5	1.0	10169	5806	34901	14686	10	2	4	24	135	3.43	2.53	V
					3	2.5	1.0	10169	5806	55464	26910	10	2	4	10	90	5.45	4.63	V
141	630	Piano 3	44	2	1	2.5	1.0	9168	4348	52680	26823	10	2	4	10	90	5.75	6.17	V
					2	2.5	1.0	9168	4348	32368	14683	10	2	4	24	100	3.53	3.38	V
					3	2.5	1.0	9168	4348	52959	26916	10	2	4	10	90	5.78	6.19	V
142	398	Piano 1	45	3	1	2.5	1.0	5479	4057	32109	24709	10	2	4	10	60	5.86	6.09	V
					2	2.5	1.0	5479	4057	18956	12583	10	2	4	24	215	3.46	3.10	V
					3	2.5	1.0	5479	4057	32232	24770	10	2	4	10	60	5.88	6.11	V
143	516	Piano 2	45	3	1	2.5	1.0	9282	4277	30489	23824	10	2	4	10	60	3.28	5.57	V
					2	2.5	1.0	9282	4277	17362	11712	10	2	4	24	205	1.87	2.74	V
					3	2.5	1.0	9282	4277	30647	23903	10	2	4	10	60	3.30	5.59	V

144	399	Piano 1	46	3	1	2.5	1.0	5655	3259	32036	24672	10	2	4	10	60	5.66	7.57	V
					2	2.5	1.0	5655	3259	18884	12547	10	2	4	24	215	3.34	3.85	V
					3	2.5	1.0	5655	3259	32160	24734	10	2	4	10	60	5.69	7.59	V
145	517	Piano 2	46	3	1	2.5	1.0	10001	3353	30642	23900	10	2	4	10	60	3.06	7.13	V
					2	2.5	1.0	10001	3353	17514	11787	10	2	4	24	205	1.75	3.52	V
					3	2.5	1.0	10001	3353	30798	23978	10	2	4	10	60	3.08	7.15	V
146	400	Piano 1	50	3	1	2.5	1.0	5248	2592	33370	25264	10	2	4	10	60	6.36	9.75	V
					2	2.5	1.0	5248	2592	20210	13136	10	2	4	24	205	3.85	5.07	V
					3	2.5	1.0	5248	2592	33484	25321	10	2	4	10	60	6.38	9.77	V
147	518	Piano 2	50	3	1	2.5	1.0	7998	1398	32100	24629	10	2	4	10	60	4.01	17.61	V
					2	2.5	1.0	7998	1398	18951	12506	10	2	4	24	205	2.37	8.94	V
					3	2.5	1.0	7998	1398	32229	24694	10	2	4	10	60	4.03	17.66	V
148	631	Piano 3	50	3	1	2.5	1.0	7662	640	31175	24204	10	2	4	10	60	4.07	37.79	V
					2	2.5	1.0	7662	640	18046	12091	10	2	4	24	170	2.36	18.88	V
					3	2.5	1.0	7662	640	31330	24282	10	2	4	10	60	4.09	37.91	V

4.3.1.1.4 Verifiche SLV - Dettagli costruttivi per la duttilità.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
α : coefficiente di efficacia del confinamento
ϖ_{wd} : rapporto meccanico dell'armatura trasversale di confinamento all'interno della zona dissipativa
μ_{Ed} : domanda in duttilità di curvatura
ν_d : forza assiale adimensionalizzata di progetto relativa alla combinazione sismica SLV
$\varepsilon_{sy,d}$: deformazione di snervamento dell'acciaio
b_c : larghezza minima della sezione trasversale lorda
b_0 : larghezza del nucleo confinato corrispondente a bc
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 7.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	α	ϖ_{wd}	μ_{Ed}	ν_d	$\varepsilon_{sy,d}$	b_c	b_0	Esito
1	346	Piano 1	1	2	0.50	0.28	9.60	0.124	0.0019	300.0	210.0	V
4	347	Piano 1	2	3	0.41	0.33	9.60	0.171	0.0019	300.0	210.0	V
7	348	Piano 1	3	3	0.41	0.33	9.60	0.142	0.0019	300.0	210.0	V
11	476	Piano 2	4	1	0.52	0.27	9.60	0.143	0.0019	300.0	210.0	V
14	477	Piano 2	5	2	0.53	0.28	9.60	0.097	0.0019	300.0	210.0	V
19	361	Piano 1	7	2	0.53	0.28	9.60	0.125	0.0019	300.0	210.0	V
22	362	Piano 1	8	3	0.42	0.37	9.60	0.249	0.0019	300.0	210.0	V
25	363	Piano 1	9	3	0.47	0.33	9.60	0.198	0.0019	300.0	210.0	V
28	364	Piano 1	10	2	0.53	0.28	9.60	0.117	0.0019	300.0	210.0	V
31	365	Piano 1	11	3	0.44	0.41	9.60	0.250	0.0019	300.0	210.0	V
34	366	Piano 1	12	2	0.50	0.28	9.60	0.134	0.0019	300.0	210.0	V
37	367	Piano 1	13	1	0.53	0.54	9.60	0.398	0.0019	300.0	206.0	V
40	368	Piano 1	14	2	0.58	0.28	9.60	0.234	0.0019	300.0	210.0	V
43	369	Piano 1	15	2	0.55	0.28	9.60	0.216	0.0019	300.0	210.0	V
46	370	Piano 1	16	7	0.50	0.28	9.60	0.124	0.0019	300.0	210.0	V
49	371	Piano 1	17	7	0.50	0.28	9.60	0.151	0.0019	300.0	210.0	V
52	372	Piano 1	18	7	0.50	0.28	9.60	0.126	0.0019	300.0	210.0	V
55	373	Piano 1	19	7	0.50	0.28	9.60	0.152	0.0019	300.0	210.0	V
58	374	Piano 1	20	3	0.57	0.47	9.60	0.366	0.0019	300.0	210.0	V
62	375	Piano 1	21	2	0.60	0.31	9.60	0.259	0.0019	300.0	210.0	V
66	376	Piano 1	22	15	0.58	0.26	9.60	0.177	0.0019	300.0	210.0	V
69	377	Piano 1	23	7	0.50	0.28	9.60	0.129	0.0019	300.0	210.0	V
72	378	Piano 1	24	7	0.50	0.28	9.60	0.151	0.0019	300.0	210.0	V
75	379	Piano 1	25	7	0.50	0.28	9.60	0.127	0.0019	300.0	210.0	V
78	380	Piano 1	26	7	0.50	0.28	9.60	0.155	0.0019	300.0	210.0	V
81	381	Piano 1	27	3	0.59	0.41	9.60	0.345	0.0019	300.0	210.0	V
85	382	Piano 1	28	12	0.49	0.33	10.74	0.224	0.0019	400.0	310.0	V
88	383	Piano 1	29	3	0.55	0.33	9.60	0.246	0.0019	300.0	210.0	V
92	384	Piano 1	30	3	0.49	0.37	9.60	0.254	0.0019	300.0	210.0	V
96	385	Piano 1	31	2	0.58	0.28	9.60	0.229	0.0019	300.0	210.0	V
99	386	Piano 1	32	4	0.38	0.35	10.74	0.180	0.0019	300.0	206.0	V
103	387	Piano 1	33	4	0.38	0.35	10.74	0.183	0.0019	300.0	206.0	V
107	388	Piano 1	34	7	0.50	0.28	9.60	0.124	0.0019	300.0	210.0	V
110	389	Piano 1	35	7	0.50	0.28	9.60	0.179	0.0019	300.0	210.0	V
113	390	Piano 1	36	12	0.48	0.43	10.74	0.287	0.0019	400.0	306.0	V

116	391	Piano 1	37	4	0.38	0.35	10.74	0.171	0.0019	300.0	206.0	V
120	392	Piano 1	38	4	0.39	0.35	10.74	0.196	0.0019	300.0	210.0	V
124	393	Piano 1	39	2	0.50	0.28	9.60	0.133	0.0019	300.0	210.0	V
131	395	Piano 1	42	3	0.41	0.33	9.60	0.178	0.0019	300.0	210.0	V
135	396	Piano 1	43	3	0.47	0.33	9.60	0.193	0.0019	300.0	210.0	V
139	397	Piano 1	44	2	0.50	0.28	9.60	0.160	0.0019	300.0	210.0	V
142	398	Piano 1	45	3	0.41	0.33	9.60	0.139	0.0019	300.0	210.0	V
144	399	Piano 1	46	3	0.41	0.33	9.60	0.139	0.0019	300.0	210.0	V
146	400	Piano 1	50	3	0.41	0.33	9.60	0.183	0.0019	300.0	210.0	V

4.3.1.1.5 Verifiche SLV - Duttilità.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Nsd : Valore di progetto dello sforzo normale sollecitante
ϕ_Y : Curvatura convensionale di prima plasticizzazione
ϕ_U : Curvatura ultima
μ_ϕ : Valore di progetto della duttilità di curvatura
μ_{Ed} : Domanda in termini di duttilità di curvatura
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 8.II

					Direzione X						Direzione Y						
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Nsd [daN]**	ϕ_Y	ϕ_U	μ_ϕ	μ_{Ed}	**S**	**Nsd [daN]**	ϕ_Y	ϕ_U	μ_ϕ	μ_{Ed}	**S**	**Esito**
17	478	Piano 2	6	2	-30991	1.4E-004	2.7E-003	19.35	9.60	2.02	-30991	5.5E-005	6.1E-004	11.06	10.74	1.03	V
127	394	Piano 1	41	16	-54073	1.8E-004	2.6E-003	14.73	9.60	1.53	-54073	7.2E-005	8.5E-004	11.75	10.74	1.09	V

4.3.1.1.6 Verifiche SLV - Stabilità Elastica.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
λ : rapporto di snellezza;
λ^* : rapporto di snellezza critico;
A_{fl} : valore dell'area dell'acciaio presente nella sezione;

Azioni Sollecitanti:
N_{Sd} : Sforzo Normale Sollecitante;
M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
Azioni Resistenti:
N_{Rd} : Sforzo Normale Resistente;
M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Con riferimento al punto 4.1.2.3.9.3 del D.M. 17/01/2018 in aggiunta al momento sollecitante esterno viene sommata un'aliquota dovuta ad un'eccentricità dello sforzo normale pari a 1/300 dell'altezza della colonna (difetto di rettilineità).
In aggiunta viene considerata un'aliquota aggiuntiva che tenga conto dell'inflessione della colonna pari a e2 := 0.222 e_{fy} l_0^2/h.

Tabella 9.I

									Azioni Sollecitanti			Azioni Resistenti				
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Dir.**	**Cop [cm]**	**λ**	**λ***	**Nsd [daN]**	**Msdxz [daNm]**	**Msdxy [daNm]**	**Nrd [daN]**	**Mrdxz [daNm]**	**Mrdxy [daNm]**	**S**	**Esito**
1	346	Piano 1	1	2	Dir X	2.5	44.5	71.1	-47316	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	71.1	-47316	-	-	-	-	-	-	V
2	473	Piano 2	1	2	Dir X	2.5	44.5	93.8	-27162	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	93.8	-27162	-	-	-	-	-	-	V
3	588	Piano 3	1	2	Dir X	2.5	40.4	148.2	-10883	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	148.2	-10883	-	-	-	-	-	-	V
4	347	Piano 1	2	3	Dir X	2.5	44.5	57.0	-49055	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	57.0	-49055	-	-	-	-	-	-	V
5	474	Piano 2	2	3	Dir X	2.5	44.5	71.7	-31002	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	71.7	-31002	-	-	-	-	-	-	V
6	589	Piano 3	2	3	Dir X	2.5	40.4	107.3	-13834	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	107.3	-13834	-	-	-	-	-	-	V
7	348	Piano 1	3	3	Dir X	2.5	44.5	62.1	-41311	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	62.1	-41311	-	-	-	-	-	-	V
8	475	Piano 2	3	3	Dir X	2.5	44.5	77.7	-26408	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	77.7	-26408	-	-	-	-	-	-	V
9	590	Piano 3	3	3	Dir X	2.5	40.4	117.0	-11648	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	117.0	-11648	-	-	-	-	-	-	V
11	476	Piano 2	4	1	Dir X	2.5	44.5	62.9	-33560	-	-	-	-	-	-	V
					Dir Y	2.5	26.7	62.9	-33560	-	-	-	-	-	-	V
12	591	Piano 3	4	1	Dir X	2.5	40.4	94.0	-15018	-	-	-	-	-	-	V
					Dir Y	2.5	24.2	94.0	-15018	-	-	-	-	-	-	V
14	477	Piano 2	5	2	Dir X	2.5	44.5	74.0	-43640	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	74.0	-43640	-	-	-	-	-	-	V
15	592	Piano 3	5	2	Dir X	2.5	40.4	109.9	-19798	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	109.9	-19798	-	-	-	-	-	-	V
17	478	Piano 2	6	2	Dir X	2.5	44.5	88.1	-30788	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	88.1	-30788	-	-	-	-	-	-	V
18	593	Piano 3	6	2	Dir X	2.5	40.4	135.6	-13003	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	135.6	-13003	-	-	-	-	-	-	V
19	361	Piano 1	7	2	Dir X	2.5	44.5	67.5	-52492	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	67.5	-52492	-	-	-	-	-	-	V
20	479	Piano 2	7	2	Dir X	2.5	44.5	87.4	-31265	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	87.4	-31265	-	-	-	-	-	-	V
21	594	Piano 3	7	2	Dir X	2.5	40.4	132.7	-13568	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	132.7	-13568	-	-	-	-	-	-	V
22	362	Piano 1	8	3	Dir X	2.5	44.5	47.3	-71362	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	47.3	-71362	-	-	-	-	-	-	V
23	480	Piano 2	8	3	Dir X	2.5	44.5	58.5	-46549	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	58.5	-46549	-	-	-	-	-	-	V
24	595	Piano 3	8	3	Dir X	2.5	40.4	83.2	-23014	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	83.2	-23014	-	-	-	-	-	-	V
25	363	Piano 1	9	3	Dir X	2.5	37.5	56.3	-50333	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	56.3	-50333	-	-	-	-	-	-	V
26	481	Piano 2	9	3	Dir X	2.5	37.6	69.2	-33320	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	69.2	-33320	-	-	-	-	-	-	V
27	596	Piano 3	9	3	Dir X	2.5	34.1	99.2	-16207	-	-	-	-	-	-	V
					Dir Y	2.5	17.0	99.2	-16207	-	-	-	-	-	-	V
28	364	Piano 1	10	2	Dir X	2.5	44.5	68.5	-50876	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	68.5	-50876	-	-	-	-	-	-	V
29	482	Piano 2	10	2	Dir X	2.5	44.5	88.5	-30550	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	88.5	-30550	-	-	-	-	-	-	V
30	597	Piano 3	10	2	Dir X	2.5	40.4	134.0	-13313	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	134.0	-13313	-	-	-	-	-	-	V
31	365	Piano 1	11	3	Dir X	2.5	44.5	49.2	-65926	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	49.2	-65926	-	-	-	-	-	-	V
32	483	Piano 2	11	3	Dir X	2.5	44.5	57.8	-47736	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	57.8	-47736	-	-	-	-	-	-	V
33	598	Piano 3	11	3	Dir X	2.5	40.4	82.6	-23360	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	82.6	-23360	-	-	-	-	-	-	V
34	366	Piano 1	12	2	Dir X	2.5	37.5	66.6	-53880	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	66.6	-53880	-	-	-	-	-	-	V
35	484	Piano 2	12	3	Dir X	2.5	37.4	65.8	-36859	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	65.8	-36859	-	-	-	-	-	-	V
36	599	Piano 3	12	3	Dir X	2.5	34.0	94.4	-17903	-	-	-	-	-	-	V
					Dir Y	2.5	17.1	94.4	-17903	-	-	-	-	-	-	V
37	367	Piano 1	13	1	Dir X	2.5	44.5	36.9	-97581	-10728	0	-97579	-32997	0	3.08	V

					Dir Y	2.5	26.7	36.9	-97581	-	-	-	-	-	-	V
38	485	Piano 2	13	1	Dir X	2.5	44.5	45.4	-64476	-	-	-	-	-	-	V
					Dir Y	2.5	26.7	45.4	-64476	-	-	-	-	-	-	V
39	600	Piano 3	13	1	Dir X	2.5	40.4	64.2	-32233	-	-	-	-	-	-	V
					Dir Y	2.5	24.2	64.2	-32233	-	-	-	-	-	-	V
40	368	Piano 1	14	2	Dir X	2.5	44.5	44.4	-121026	17186	0	-121027	38500	0	2.24	V
					Dir Y	2.5	14.8	44.4	-121026	-	-	-	-	-	-	V
41	486	Piano 2	14	2	Dir X	2.5	44.5	54.3	-80941	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	54.3	-80941	-	-	-	-	-	-	V
42	601	Piano 3	14	2	Dir X	2.5	40.4	76.6	-40793	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	76.6	-40793	-	-	-	-	-	-	V
43	369	Piano 1	15	2	Dir X	2.5	44.5	52.5	-86800	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	52.5	-86800	-	-	-	-	-	-	V
44	487	Piano 2	15	2	Dir X	2.5	44.5	65.2	-56155	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	65.2	-56155	-	-	-	-	-	-	V
45	602	Piano 3	15	2	Dir X	2.5	40.4	95.9	-26020	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	95.9	-26020	-	-	-	-	-	-	V
46	370	Piano 1	16	7	Dir X	2.5	44.5	64.4	-57614	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	64.4	-57614	-	-	-	-	-	-	V
47	488	Piano 2	16	7	Dir X	2.5	44.5	73.2	-44638	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	73.2	-44638	-	-	-	-	-	-	V
48	603	Piano 3	16	7	Dir X	2.5	40.4	105.6	-21458	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	105.6	-21458	-	-	-	-	-	-	V
49	371	Piano 1	17	7	Dir X	2.5	37.4	59.7	-67072	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	59.7	-67072	-	-	-	-	-	-	V
50	489	Piano 2	17	7	Dir X	2.5	37.3	65.0	-56525	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	65.0	-56525	-	-	-	-	-	-	V
51	604	Piano 3	17	7	Dir X	2.5	34.0	92.5	-27918	-	-	-	-	-	-	V
					Dir Y	2.5	11.4	92.5	-27918	-	-	-	-	-	-	V
52	372	Piano 1	18	7	Dir X	2.5	44.5	63.1	-60036	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	63.1	-60036	-	-	-	-	-	-	V
53	490	Piano 2	18	7	Dir X	2.5	44.5	72.2	-45807	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	72.2	-45807	-	-	-	-	-	-	V
54	605	Piano 3	18	7	Dir X	2.5	40.4	105.0	-21698	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	105.0	-21698	-	-	-	-	-	-	V
55	373	Piano 1	19	7	Dir X	2.5	44.5	57.1	-73428	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	57.1	-73428	-	-	-	-	-	-	V
56	491	Piano 2	19	7	Dir X	2.5	44.5	62.6	-61102	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	62.6	-61102	-	-	-	-	-	-	V
57	606	Piano 3	19	7	Dir X	2.5	40.4	89.0	-30204	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	89.0	-30204	-	-	-	-	-	-	V
58	374	Piano 1	20	3	Dir X	2.5	37.5	40.3	-98291	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	40.3	-98291	-	-	-	-	-	-	V
59	492	Piano 2	20	1	Dir X	2.5	37.5	45.1	-65285	-	-	-	-	-	-	V
					Dir Y	2.5	22.5	45.1	-65285	-	-	-	-	-	-	V
60	607	Piano 3	20	1	Dir X	2.5	34.1	59.9	-36954	-	-	-	-	-	-	V
					Dir Y	2.5	20.5	59.9	-36954	-	-	-	-	-	-	V
61	650	Piano 4	20	1	Dir X	2.5	29.2	121.0	-9071	-	-	-	-	-	-	V
					Dir Y	2.5	17.5	121.0	-9071	-	-	-	-	-	-	V
62	375	Piano 1	21	2	Dir X	2.5	37.5	46.8	-109227	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	46.8	-109227	-	-	-	-	-	-	V
63	493	Piano 2	21	2	Dir X	2.5	37.6	56.0	-76201	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	56.0	-76201	-	-	-	-	-	-	V
64	608	Piano 3	21	2	Dir X	2.5	34.1	72.7	-45276	-	-	-	-	-	-	V
					Dir Y	2.5	11.4	72.7	-45276	-	-	-	-	-	-	V
65	651	Piano 4	21	1	Dir X	2.5	29.2	90.2	-16326	-	-	-	-	-	-	V
					Dir Y	2.5	17.5	90.2	-16326	-	-	-	-	-	-	V
66	376	Piano 1	22	15	Dir X	2.5	44.5	59.5	-75009	-	-	-	-	-	-	V
					Dir Y	2.5	13.3	59.5	-75009	-	-	-	-	-	-	V
67	494	Piano 2	22	15	Dir X	2.5	44.5	73.4	-49324	-	-	-	-	-	-	V
					Dir Y	2.5	13.3	73.4	-49324	-	-	-	-	-	-	V
68	609	Piano 3	22	15	Dir X	2.5	40.4	110.4	-21796	-	-	-	-	-	-	V
					Dir Y	2.5	12.1	110.4	-21796	-	-	-	-	-	-	V
69	377	Piano 1	23	7	Dir X	2.5	44.5	63.1	-60007	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	63.1	-60007	-	-	-	-	-	-	V
70	495	Piano 2	23	7	Dir X	2.5	44.5	72.2	-45905	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	72.2	-45905	-	-	-	-	-	-	V
71	610	Piano 3	23	7	Dir X	2.5	40.4	104.8	-21758	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	104.8	-21758	-	-	-	-	-	-	V
72	378	Piano 1	24	7	Dir X	2.5	44.5	58.5	-69877	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	58.5	-69877	-	-	-	-	-	-	V
73	496	Piano 2	24	7	Dir X	2.5	44.5	64.0	-58402	-	-	-	-	-	-	V

					Dir Y	2.5	14.8	64.0	-58402	-	-	-	-	-	-	V
74	611	Piano 3	24	7	Dir X	2.5	40.4	91.1	-28809	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	91.1	-28809	-	-	-	-	-	-	V
75	379	Piano 1	25	7	Dir X	2.5	44.5	63.0	-60285	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	63.0	-60285	-	-	-	-	-	-	V
76	497	Piano 2	25	7	Dir X	2.5	44.5	72.3	-45720	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	72.3	-45720	-	-	-	-	-	-	V
77	612	Piano 3	25	7	Dir X	2.5	40.4	104.8	-21772	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	104.8	-21772	-	-	-	-	-	-	V
78	380	Piano 1	26	7	Dir X	2.5	44.5	56.6	-74621	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	56.6	-74621	-	-	-	-	-	-	V
79	498	Piano 2	26	7	Dir X	2.5	44.5	62.1	-62082	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	62.1	-62082	-	-	-	-	-	-	V
80	613	Piano 3	26	7	Dir X	2.5	40.4	88.4	-30610	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	88.4	-30610	-	-	-	-	-	-	V
81	381	Piano 1	27	3	Dir X	2.5	37.5	42.6	-87886	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	42.6	-87886	-	-	-	-	-	-	V
82	499	Piano 2	27	3	Dir X	2.5	44.5	51.2	-60722	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	51.2	-60722	-	-	-	-	-	-	V
83	614	Piano 3	27	3	Dir X	2.5	40.4	66.2	-36357	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	66.2	-36357	-	-	-	-	-	-	V
84	652	Piano 4	27	3	Dir X	2.5	29.2	99.5	-16111	-	-	-	-	-	-	V
					Dir Y	2.5	14.6	99.5	-16111	-	-	-	-	-	-	V
85	382	Piano 1	28	12	Dir X	2.5	44.5	51.3	-40359	-	-	-	-	-	-	V
					Dir Y	2.5	33.3	51.3	-40359	-	-	-	-	-	-	V
86	500	Piano 2	28	12	Dir X	2.5	44.5	59.1	-30436	-	-	-	-	-	-	V
					Dir Y	2.5	33.3	59.1	-30436	-	-	-	-	-	-	V
87	615	Piano 3	28	12	Dir X	2.5	40.4	77.3	-17804	-	-	-	-	-	-	V
					Dir Y	2.5	30.3	77.3	-17804	-	-	-	-	-	-	V
88	383	Piano 1	29	3	Dir X	2.5	37.5	45.2	-78159	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	45.2	-78159	-	-	-	-	-	-	V
89	501	Piano 2	29	3	Dir X	2.5	37.4	53.1	-56537	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	53.1	-56537	-	-	-	-	-	-	V
90	616	Piano 3	29	3	Dir X	2.5	34.0	64.8	-38011	-	-	-	-	-	-	V
					Dir Y	2.5	17.1	64.8	-38011	-	-	-	-	-	-	V
91	653	Piano 4	29	3	Dir X	2.5	29.2	83.7	-22731	-	-	-	-	-	-	V
					Dir Y	2.5	14.6	83.7	-22731	-	-	-	-	-	-	V
92	384	Piano 1	30	3	Dir X	2.5	44.5	48.0	-69076	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	48.0	-69076	-	-	-	-	-	-	V
93	502	Piano 2	30	3	Dir X	2.5	44.5	56.6	-49756	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	56.6	-49756	-	-	-	-	-	-	V
94	617	Piano 3	30	3	Dir X	2.5	40.4	71.6	-31111	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	71.6	-31111	-	-	-	-	-	-	V
95	654	Piano 4	30	3	Dir X	2.5	34.6	101.7	-15401	-	-	-	-	-	-	V
					Dir Y	2.5	17.3	101.7	-15401	-	-	-	-	-	-	V
96	385	Piano 1	31	2	Dir X	2.5	44.5	52.3	-87421	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	52.3	-87421	-	-	-	-	-	-	V
97	503	Piano 2	31	2	Dir X	2.5	44.5	64.7	-57051	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	64.7	-57051	-	-	-	-	-	-	V
98	618	Piano 3	31	2	Dir X	2.5	40.4	97.3	-25263	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	97.3	-25263	-	-	-	-	-	-	V
99	386	Piano 1	32	4	Dir X	2.5	44.5	57.6	-23979	-	-	-	-	-	-	V
					Dir Y	2.5	44.5	57.6	-23979	-	-	-	-	-	-	V
100	504	Piano 2	32	4	Dir X	2.5	44.5	67.3	-17609	-	-	-	-	-	-	V
					Dir Y	2.5	44.5	67.3	-17609	-	-	-	-	-	-	V
101	619	Piano 3	32	4	Dir X	2.5	40.4	87.2	-10481	-	-	-	-	-	-	V
					Dir Y	2.5	40.4	87.2	-10481	-	-	-	-	-	-	V
102	655	Piano 4	32	4	Dir X	2.5	34.6	141.5	-3979	-	-	-	-	-	-	V
					Dir Y	2.5	34.6	141.5	-3979	-	-	-	-	-	-	V
103	387	Piano 1	33	4	Dir X	2.5	37.3	58.6	-23215	-	-	-	-	-	-	V
					Dir Y	2.5	37.6	58.6	-23215	-	-	-	-	-	-	V
104	505	Piano 2	33	4	Dir X	2.5	37.3	68.5	-16977	-	-	-	-	-	-	V
					Dir Y	2.5	37.6	68.5	-16977	-	-	-	-	-	-	V
105	620	Piano 3	33	4	Dir X	2.5	33.9	84.7	-11106	-	-	-	-	-	-	V
					Dir Y	2.5	34.1	84.7	-11106	-	-	-	-	-	-	V
106	656	Piano 4	33	4	Dir X	2.5	29.1	129.4	-4761	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	129.4	-4761	-	-	-	-	-	-	V
107	388	Piano 1	34	7	Dir X	2.5	44.5	65.5	-55657	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	65.5	-55657	-	-	-	-	-	-	V
108	506	Piano 2	34	7	Dir X	2.5	44.5	72.5	-45513	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	72.5	-45513	-	-	-	-	-	-	V
109	621	Piano 3	34	7	Dir X	2.5	40.4	105.9	-21329	-	-	-	-	-	-	V

					Dir Y	2.5	13.5	105.9	-21329	-	-	-	-	-	-	V
110	389	Piano 1	35	7	Dir X	2.5	37.3	57.8	-71580	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	57.8	-71580	-	-	-	-	-	-	V
111	507	Piano 2	35	7	Dir X	2.5	37.3	63.4	-59566	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	63.4	-59566	-	-	-	-	-	-	V
112	622	Piano 3	35	7	Dir X	2.5	34.0	89.8	-29670	-	-	-	-	-	-	V
					Dir Y	2.5	11.4	89.8	-29670	-	-	-	-	-	-	V
113	390	Piano 1	36	12	Dir X	2.5	37.4	46.7	-48765	-	-	-	-	-	-	V
					Dir Y	2.5	28.2	46.7	-48765	-	-	-	-	-	-	V
114	508	Piano 2	36	12	Dir X	2.5	37.5	58.9	-30595	-	-	-	-	-	-	V
					Dir Y	2.5	28.2	58.9	-30595	-	-	-	-	-	-	V
115	623	Piano 3	36	12	Dir X	2.5	34.1	82.8	-15516	-	-	-	-	-	-	V
					Dir Y	2.5	25.6	82.8	-15516	-	-	-	-	-	-	V
116	391	Piano 1	37	4	Dir X	2.5	44.5	60.5	-21798	-	-	-	-	-	-	V
					Dir Y	2.5	44.5	60.5	-21798	-	-	-	-	-	-	V
117	509	Piano 2	37	4	Dir X	2.5	44.5	70.5	-16031	-	-	-	-	-	-	V
					Dir Y	2.5	44.5	70.5	-16031	-	-	-	-	-	-	V
118	624	Piano 3	37	4	Dir X	2.5	40.4	84.4	-11177	-	-	-	-	-	-	V
					Dir Y	2.5	40.4	84.4	-11177	-	-	-	-	-	-	V
119	657	Piano 4	37	4	Dir X	2.5	34.6	117.6	-5758	-	-	-	-	-	-	V
					Dir Y	2.5	34.6	117.6	-5758	-	-	-	-	-	-	V
120	392	Piano 1	38	4	Dir X	2.5	37.6	56.5	-24978	-	-	-	-	-	-	V
					Dir Y	2.5	37.4	56.5	-24978	-	-	-	-	-	-	V
121	510	Piano 2	38	4	Dir X	2.5	44.5	68.2	-17147	-	-	-	-	-	-	V
					Dir Y	2.5	44.5	68.2	-17147	-	-	-	-	-	-	V
122	625	Piano 3	38	4	Dir X	2.5	40.4	84.4	-11200	-	-	-	-	-	-	V
					Dir Y	2.5	40.4	84.4	-11200	-	-	-	-	-	-	V
123	658	Piano 4	38	4	Dir X	2.5	29.3	87.5	-10419	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	87.5	-10419	-	-	-	-	-	-	V
124	393	Piano 1	39	2	Dir X	2.5	37.2	62.8	-60614	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	62.8	-60614	-	-	-	-	-	-	V
125	511	Piano 2	39	7	Dir X	2.5	37.2	76.5	-40800	-	-	-	-	-	-	V
					Dir Y	2.5	12.5	76.5	-40800	-	-	-	-	-	-	V
126	626	Piano 3	39	2	Dir X	2.5	33.9	123.8	-15589	-	-	-	-	-	-	V
					Dir Y	2.5	11.4	123.8	-15589	-	-	-	-	-	-	V
127	394	Piano 1	41	16	Dir X	2.5	37.5	58.7	-53916	-	-	-	-	-	-	V
					Dir Y	2.5	16.1	58.7	-53916	-	-	-	-	-	-	V
128	512	Piano 2	41	3	Dir X	2.5	44.5	65.2	-37544	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	65.2	-37544	-	-	-	-	-	-	V
129	627	Piano 3	41	3	Dir X	2.5	40.4	81.8	-23794	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	81.8	-23794	-	-	-	-	-	-	V
130	659	Piano 4	41	3	Dir X	2.5	34.6	111.3	-12866	-	-	-	-	-	-	V
					Dir Y	2.5	17.3	111.3	-12866	-	-	-	-	-	-	V
131	395	Piano 1	42	3	Dir X	2.5	37.6	59.3	-45375	-	-	-	-	-	-	V
					Dir Y	2.5	18.7	59.3	-45375	-	-	-	-	-	-	V
132	513	Piano 2	42	3	Dir X	2.5	44.5	70.8	-31757	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	70.8	-31757	-	-	-	-	-	-	V
133	628	Piano 3	42	3	Dir X	2.5	40.4	93.2	-18334	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	93.2	-18334	-	-	-	-	-	-	V
134	660	Piano 4	42	3	Dir X	2.5	29.3	136.1	-8606	-	-	-	-	-	-	V
					Dir Y	2.5	14.6	136.1	-8606	-	-	-	-	-	-	V
135	396	Piano 1	43	3	Dir X	2.5	44.5	56.0	-50874	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	56.0	-50874	-	-	-	-	-	-	V
136	514	Piano 2	43	3	Dir X	2.5	44.5	68.1	-34402	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	68.1	-34402	-	-	-	-	-	-	V
137	629	Piano 3	43	3	Dir X	2.5	40.4	85.8	-21632	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	85.8	-21632	-	-	-	-	-	-	V
138	661	Piano 4	43	3	Dir X	2.5	34.6	124.2	-10325	-	-	-	-	-	-	V
					Dir Y	2.5	17.3	124.2	-10325	-	-	-	-	-	-	V
139	397	Piano 1	44	2	Dir X	2.5	44.5	62.7	-60848	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	62.7	-60848	-	-	-	-	-	-	V
140	515	Piano 2	44	2	Dir X	2.5	44.5	77.3	-40022	-	-	-	-	-	-	V
					Dir Y	2.5	14.8	77.3	-40022	-	-	-	-	-	-	V
141	630	Piano 3	44	2	Dir X	2.5	40.4	119.5	-16741	-	-	-	-	-	-	V
					Dir Y	2.5	13.5	119.5	-16741	-	-	-	-	-	-	V
142	398	Piano 1	45	3	Dir X	2.5	37.2	67.1	-35389	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	67.1	-35389	-	-	-	-	-	-	V
143	516	Piano 2	45	3	Dir X	2.5	37.2	102.9	-15057	-	-	-	-	-	-	V
					Dir Y	2.5	18.8	102.9	-15057	-	-	-	-	-	-	V
144	399	Piano 1	46	3	Dir X	2.5	36.9	67.2	-35258	-	-	-	-	-	-	V
					Dir Y	2.5	18.3	67.2	-35258	-	-	-	-	-	-	V
145	517	Piano 2	46	3	Dir X	2.5	37.6	97.8	-16660	-	-	-	-	-	-	V

					Dir Y	2.5	17.9	97.8	-16660	-	-	-	-	-	-	V
146	400	Piano 1	50	3	Dir X	2.5	88.9	58.4	-46759	12203	0	-46759	15876	0	1.30	V
					Dir Y	2.5	44.5	58.4	-46759	-	-	-	-	-	-	V
147	518	Piano 2	50	3	Dir X	2.5	44.5	71.9	-30855	-	-	-	-	-	-	V
					Dir Y	2.5	22.2	71.9	-30855	-	-	-	-	-	-	V
148	631	Piano 3	50	3	Dir X	2.5	40.4	103.6	-14849	-	-	-	-	-	-	V
					Dir Y	2.5	20.2	103.6	-14849	-	-	-	-	-	-	V

4.3.1.1.7 Verifiche SLV - Resistenza massima a compressione sezione cls.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Area Sezione : area della sezione trasversale;
NEd : sforzo normale a compressione massimo di calcolo;
NRd : resistenza massima a compressione della sezione di solo calcestruzzo;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 10.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Cop [cm]	Area Sezione [cm²]	NEd [daN]	NRd [daN]	Esito
1	346	Piano 1	1	2	2.5	2700	-47316	-210375	V
2	473	Piano 2	1	2	2.5	2700	-27162	-210375	V
3	588	Piano 3	1	2	2.5	2700	-10883	-210375	V
4	347	Piano 1	2	3	2.5	1800	-49055	-140250	V
5	474	Piano 2	2	3	2.5	1800	-31002	-140250	V
6	589	Piano 3	2	3	2.5	1800	-13834	-140250	V
7	348	Piano 1	3	3	2.5	1800	-41311	-140250	V
8	475	Piano 2	3	3	2.5	1800	-26408	-140250	V
9	590	Piano 3	3	3	2.5	1800	-11648	-140250	V
10	349	Piano 1	4	1	2.5	1500	-57931	-116875	V
11	476	Piano 2	4	1	2.5	1500	-33560	-116875	V
12	591	Piano 3	4	1	2.5	1500	-15018	-116875	V
13	353	Piano 1	5	17	2.5	2700	-23840	-210375	V
14	477	Piano 2	5	2	2.5	2700	-43640	-210375	V
15	592	Piano 3	5	2	2.5	2700	-19798	-210375	V
16	357	Piano 1	6	2	2.5	2700	-31302	-210375	V
17	478	Piano 2	6	2	2.5	2700	-30788	-210375	V
18	593	Piano 3	6	2	2.5	2700	-13003	-210375	V
19	361	Piano 1	7	2	2.5	2700	-52492	-210375	V
20	479	Piano 2	7	2	2.5	2700	-31265	-210375	V
21	594	Piano 3	7	2	2.5	2700	-13568	-210375	V
22	362	Piano 1	8	3	2.5	1800	-71362	-140250	V
23	480	Piano 2	8	3	2.5	1800	-46549	-140250	V
24	595	Piano 3	8	3	2.5	1800	-23014	-140250	V
25	363	Piano 1	9	3	2.5	1800	-50333	-140250	V
26	481	Piano 2	9	3	2.5	1800	-33320	-140250	V
27	596	Piano 3	9	3	2.5	1800	-16207	-140250	V
28	364	Piano 1	10	2	2.5	2700	-50876	-210375	V
29	482	Piano 2	10	2	2.5	2700	-30550	-210375	V
30	597	Piano 3	10	2	2.5	2700	-13313	-210375	V
31	365	Piano 1	11	3	2.5	1800	-65926	-140250	V
32	483	Piano 2	11	3	2.5	1800	-47736	-140250	V
33	598	Piano 3	11	3	2.5	1800	-23360	-140250	V
34	366	Piano 1	12	2	2.5	2700	-53880	-210375	V
35	484	Piano 2	12	3	2.5	1800	-36859	-140250	V
36	599	Piano 3	12	3	2.5	1800	-17903	-140250	V
37	367	Piano 1	13	1	2.5	1500	-97581	-116875	V
38	485	Piano 2	13	1	2.5	1500	-64476	-116875	V
39	600	Piano 3	13	1	2.5	1500	-32233	-116875	V
40	368	Piano 1	14	2	2.5	2700	-121026	-210375	V
41	486	Piano 2	14	2	2.5	2700	-80941	-210375	V

42	601	Piano 3	14	2	2.5	2700	-40793	-210375	V
43	369	Piano 1	15	2	2.5	2700	-86800	-210375	V
44	487	Piano 2	15	2	2.5	2700	-56155	-210375	V
45	602	Piano 3	15	2	2.5	2700	-26020	-210375	V
46	370	Piano 1	16	7	2.5	2700	-57614	-210375	V
47	488	Piano 2	16	7	2.5	2700	-44638	-210375	V
48	603	Piano 3	16	7	2.5	2700	-21458	-210375	V
49	371	Piano 1	17	7	2.5	2700	-67072	-210375	V
50	489	Piano 2	17	7	2.5	2700	-56525	-210375	V
51	604	Piano 3	17	7	2.5	2700	-27918	-210375	V
52	372	Piano 1	18	7	2.5	2700	-60036	-210375	V
53	490	Piano 2	18	7	2.5	2700	-45807	-210375	V
54	605	Piano 3	18	7	2.5	2700	-21698	-210375	V
55	373	Piano 1	19	7	2.5	2700	-73428	-210375	V
56	491	Piano 2	19	7	2.5	2700	-61102	-210375	V
57	606	Piano 3	19	7	2.5	2700	-30204	-210375	V
58	374	Piano 1	20	3	2.5	1800	-98291	-140250	V
59	492	Piano 2	20	1	2.5	1500	-65285	-116875	V
60	607	Piano 3	20	1	2.5	1500	-36954	-116875	V
61	650	Piano 4	20	1	2.5	1500	-9071	-116875	V
62	375	Piano 1	21	2	2.5	2700	-109227	-210375	V
63	493	Piano 2	21	2	2.5	2700	-76201	-210375	V
64	608	Piano 3	21	2	2.5	2700	-45276	-210375	V
65	651	Piano 4	21	1	2.5	1500	-16326	-116875	V
66	376	Piano 1	22	15	2.5	3000	-75009	-233750	V
67	494	Piano 2	22	15	2.5	3000	-49324	-233750	V
68	609	Piano 3	22	15	2.5	3000	-21796	-233750	V
69	377	Piano 1	23	7	2.5	2700	-60007	-210375	V
70	495	Piano 2	23	7	2.5	2700	-45905	-210375	V
71	610	Piano 3	23	7	2.5	2700	-21758	-210375	V
72	378	Piano 1	24	7	2.5	2700	-69877	-210375	V
73	496	Piano 2	24	7	2.5	2700	-58402	-210375	V
74	611	Piano 3	24	7	2.5	2700	-28809	-210375	V
75	379	Piano 1	25	7	2.5	2700	-60285	-210375	V
76	497	Piano 2	25	7	2.5	2700	-45720	-210375	V
77	612	Piano 3	25	7	2.5	2700	-21772	-210375	V
78	380	Piano 1	26	7	2.5	2700	-74621	-210375	V
79	498	Piano 2	26	7	2.5	2700	-62082	-210375	V
80	613	Piano 3	26	7	2.5	2700	-30610	-210375	V
81	381	Piano 1	27	3	2.5	1800	-87886	-140250	V
82	499	Piano 2	27	3	2.5	1800	-60722	-140250	V
83	614	Piano 3	27	3	2.5	1800	-36357	-140250	V
84	652	Piano 4	27	3	2.5	1800	-16111	-140250	V
85	382	Piano 1	28	12	2.5	1200	-40359	-93500	V
86	500	Piano 2	28	12	2.5	1200	-30436	-93500	V
87	615	Piano 3	28	12	2.5	1200	-17804	-93500	V
88	383	Piano 1	29	3	2.5	1800	-78159	-140250	V
89	501	Piano 2	29	3	2.5	1800	-56537	-140250	V
90	616	Piano 3	29	3	2.5	1800	-38011	-140250	V
91	653	Piano 4	29	3	2.5	1800	-22731	-140250	V
92	384	Piano 1	30	3	2.5	1800	-69076	-140250	V
93	502	Piano 2	30	3	2.5	1800	-49756	-140250	V
94	617	Piano 3	30	3	2.5	1800	-31111	-140250	V
95	654	Piano 4	30	3	2.5	1800	-15401	-140250	V
96	385	Piano 1	31	2	2.5	2700	-87421	-210375	V
97	503	Piano 2	31	2	2.5	2700	-57051	-210375	V
98	618	Piano 3	31	2	2.5	2700	-25263	-210375	V
99	386	Piano 1	32	4	2.5	900	-23979	-70125	V
100	504	Piano 2	32	4	2.5	900	-17609	-70125	V
101	619	Piano 3	32	4	2.5	900	-10481	-70125	V
102	655	Piano 4	32	4	2.5	900	-3979	-70125	V
103	387	Piano 1	33	4	2.5	900	-23215	-70125	V
104	505	Piano 2	33	4	2.5	900	-16977	-70125	V
105	620	Piano 3	33	4	2.5	900	-11106	-70125	V
106	656	Piano 4	33	4	2.5	900	-4761	-70125	V
107	388	Piano 1	34	7	2.5	2700	-55657	-210375	V
108	506	Piano 2	34	7	2.5	2700	-45513	-210375	V
109	621	Piano 3	34	7	2.5	2700	-21329	-210375	V
110	389	Piano 1	35	7	2.5	2700	-71580	-210375	V
111	507	Piano 2	35	7	2.5	2700	-59566	-210375	V
112	622	Piano 3	35	7	2.5	2700	-29670	-210375	V
113	390	Piano 1	36	12	2.5	1200	-48765	-93500	V

114	508	Piano 2	36	12	2.5	1200	-30595	-93500	V
115	623	Piano 3	36	12	2.5	1200	-15516	-93500	V
116	391	Piano 1	37	4	2.5	900	-21798	-70125	V
117	509	Piano 2	37	4	2.5	900	-16031	-70125	V
118	624	Piano 3	37	4	2.5	900	-11177	-70125	V
119	657	Piano 4	37	4	2.5	900	-5758	-70125	V
120	392	Piano 1	38	4	2.5	900	-24978	-70125	V
121	510	Piano 2	38	4	2.5	900	-17147	-70125	V
122	625	Piano 3	38	4	2.5	900	-11200	-70125	V
123	658	Piano 4	38	4	2.5	900	-10419	-70125	V
124	393	Piano 1	39	2	2.5	2700	-60614	-210375	V
125	511	Piano 2	39	7	2.5	2700	-40800	-210375	V
126	626	Piano 3	39	2	2.5	2700	-15589	-210375	V
127	394	Piano 1	41	16	2.5	2100	-53916	-163625	V
128	512	Piano 2	41	3	2.5	1800	-37544	-140250	V
129	627	Piano 3	41	3	2.5	1800	-23794	-140250	V
130	659	Piano 4	41	3	2.5	1800	-12866	-140250	V
131	395	Piano 1	42	3	2.5	1800	-45375	-140250	V
132	513	Piano 2	42	3	2.5	1800	-31757	-140250	V
133	628	Piano 3	42	3	2.5	1800	-18334	-140250	V
134	660	Piano 4	42	3	2.5	1800	-8606	-140250	V
135	396	Piano 1	43	3	2.5	1800	-50874	-140250	V
136	514	Piano 2	43	3	2.5	1800	-34402	-140250	V
137	629	Piano 3	43	3	2.5	1800	-21632	-140250	V
138	661	Piano 4	43	3	2.5	1800	-10325	-140250	V
139	397	Piano 1	44	2	2.5	2700	-60848	-210375	V
140	515	Piano 2	44	2	2.5	2700	-40022	-210375	V
141	630	Piano 3	44	2	2.5	2700	-16741	-210375	V
142	398	Piano 1	45	3	2.5	1800	-35389	-140250	V
143	516	Piano 2	45	3	2.5	1800	-15057	-140250	V
144	399	Piano 1	46	3	2.5	1800	-35258	-140250	V
145	517	Piano 2	46	3	2.5	1800	-16660	-140250	V
146	400	Piano 1	50	3	2.5	1800	-46759	-140250	V
147	518	Piano 2	50	3	2.5	1800	-30855	-140250	V
148	631	Piano 3	50	3	2.5	1800	-14849	-140250	V

4.3.1.1.8 Verifiche SLD - Flessioni Composte Rette

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Pos. : Posizione misurata lungo l'asse dell'asta

Azioni Sollecitanti:
N_{Sd} : Sforzo Normale Sollecitante;
M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
Azioni Resistenti:
N_{Rd} : Sforzo Normale Resistente;
M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 11.I

						Azioni Sollecitanti			Azioni Resistenti				
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Pos.**	**Nsd [daN]**	**Msdxz [daNm]**	**Msdxy [daNm]**	**Nrd [daN]**	**Mrdxz [daNm]**	**Mrdxy [daNm]**	**S**	**Esito**
1	346	Piano 1	1	2	Testa	-43086	8145	0	-43081	19001	0	2.33	V
						-8367	0	-12702	-8368	0	-50834	4.00	V
1	346	Piano 1	1	2	Piede	-7034	9211	0	-7033	16382	0	1.78	V
						-20135	0	-17474	-20136	0	-52712	3.02	V
2	473	Piano 2	1	2	Testa	-23778	8186	0	-23778	17610	0	2.15	V
						-23802	0	-14100	-23802	0	-53292	3.78	V
2	473	Piano 2	1	2	Piede	-25972	-8409	0	-25979	-17770	0	2.11	V

						-25995	0	21891	-25995	0	53638	2.45	V
3	588	Piano 3	1	2	Testa	-8283	4969	0	-8280	16474	0	3.32	V
						-7448	0	-10443	-7449	0	-50686	4.85	V
3	588	Piano 3	1	2	Piede	-10240	-3696	0	-10237	-16618	0	4.50	V
						-3974	0	7401	-3974	0	50127	6.77	V
4	347	Piano 1	2	3	Testa	-24077	-2187	0	-24079	-10957	0	5.01	V
						-27748	0	4166	-27747	0	23332	5.60	V
4	347	Piano 1	2	3	Piede	-25539	5760	0	-25536	11063	0	1.92	V
						-29211	0	-6449	-29211	0	-23469	3.64	V
5	474	Piano 2	2	3	Testa	-21947	2721	0	-21949	10802	0	3.97	V
						-14651	0	11705	-14652	0	22099	1.89	V
5	474	Piano 2	2	3	Piede	-23410	-1818	0	-23409	-10909	0	6.00	V
						-16113	0	-12894	-16114	0	-22237	1.72	V
6	589	Piano 3	2	3	Testa	-9775	1785	0	-9776	9909	0	5.55	V
						-6261	0	12087	-6260	0	21058	1.74	V
6	589	Piano 3	2	3	Piede	-11139	-583	0	-11141	-10010	0	17.16	V
						-7566	0	-9885	-7567	0	-21239	2.15	V
7	348	Piano 1	3	3	Testa	-31075	2361	0	-31073	11461	0	4.86	V
						-21238	0	4382	-21238	0	22720	5.18	V
7	348	Piano 1	3	3	Piede	-24013	5715	0	-24013	10952	0	1.92	V
						-22700	0	-7531	-22700	0	-22858	3.04	V
8	475	Piano 2	3	3	Testa	-20219	3074	0	-20221	10677	0	3.47	V
						-17923	0	12108	-17922	0	22408	1.85	V
8	475	Piano 2	3	3	Piede	-21681	-2107	0	-21681	-10783	0	5.12	V
						-16714	0	13133	-16714	0	22294	1.70	V
9	590	Piano 3	3	3	Testa	-7253	2240	0	-7253	9722	0	4.34	V
						-5152	0	12315	-5152	0	20903	1.70	V
9	590	Piano 3	3	3	Piede	-7053	-846	0	-7057	-9708	0	11.48	V
						-6457	0	-10236	-6457	0	-21085	2.06	V
10	349	Piano 1	4	1	Testa	-20820	4470	0	-20819	16608	0	3.72	V
						-19924	0	1655	-19923	0	26339	15.92	V
10	349	Piano 1	4	1	Piede	-16499	4561	0	-16497	16323	0	3.58	V
						-55093	0	4753	-55091	0	28204	5.93	V
11	476	Piano 2	4	1	Testa	-25713	5863	0	-25712	16926	0	2.89	V
						-16693	0	-8487	-16693	0	-26128	3.08	V
11	476	Piano 2	4	1	Piede	-26932	-4928	0	-26933	-17004	0	3.45	V
						-17912	0	8394	-17912	0	26208	3.12	V
12	591	Piano 3	4	1	Testa	-10390	4698	0	-10391	11878	0	2.53	V
						-6311	0	-8643	-6311	0	-19071	2.21	V
12	591	Piano 3	4	1	Piede	-11478	-4028	0	-11475	-11956	0	2.97	V
						-7399	0	7970	-7399	0	19165	2.40	V
13	353	Piano 1	5	17	Testa	-20865	5902	0	-20871	21536	0	3.65	V
						-15852	0	12780	-15851	0	62733	4.91	V
13	353	Piano 1	5	17	Piede	-7229	7614	0	-7222	20548	0	2.70	V
						-13726	0	-3678	-13726	0	-62396	16.96	V
14	477	Piano 2	5	2	Testa	-33928	9386	0	-33924	22471	0	2.39	V
						-32944	0	-18934	-32945	0	-65408	3.45	V
14	477	Piano 2	5	2	Piede	-36122	-7143	0	-36127	-22627	0	3.17	V
						-35138	0	31694	-35138	0	65746	2.07	V
15	592	Piano 3	5	2	Testa	-13629	8078	0	-13626	16868	0	2.09	V
						-13799	0	-12684	-13798	0	-51703	4.08	V
15	592	Piano 3	5	2	Piede	-15586	-6547	0	-15582	-17011	0	2.60	V
						-12415	0	7570	-12416	0	51482	6.80	V
16	357	Piano 1	6	2	Testa	-17446	7158	0	-17446	21289	0	2.97	V
						-5606	0	15715	-5607	0	61103	3.89	V
16	357	Piano 1	6	2	Piede	-13460	8771	0	-13461	21001	0	2.39	V
						6926	0	2762	6926	0	59086	21.40	V
17	478	Piano 2	6	2	Testa	-20907	10246	0	-20902	17400	0	1.70	V
						-12752	0	-14144	-12752	0	-51536	3.64	V
17	478	Piano 2	6	2	Piede	-23101	-8682	0	-23102	-17560	0	2.02	V
						-14945	0	28383	-14946	0	51887	1.83	V
18	593	Piano 3	6	2	Testa	-4787	8726	0	-4786	16217	0	1.86	V
						-9151	0	7276	-9151	0	50959	7.00	V
18	593	Piano 3	6	2	Piede	-6745	-7575	0	-6743	-16361	0	2.16	V
						-5986	0	-8675	-5986	0	-50451	5.82	V
19	361	Piano 1	7	2	Testa	-33134	11886	0	-33129	22414	0	1.89	V
						-22975	0	-11178	-22975	0	-63856	5.71	V
19	361	Piano 1	7	2	Piede	-35328	-12883	0	-35322	-22570	0	1.75	V
						-23907	0	-14793	-23908	0	-64002	4.33	V
20	479	Piano 2	7	2	Testa	-21375	12248	0	-21382	21573	0	1.76	V
						-26503	0	-12866	-26503	0	-64408	5.01	V
20	479	Piano 2	7	2	Piede	-23569	-12746	0	-23569	-21730	0	1.70	V
						-28697	0	18288	-28696	0	64749	3.54	V
21	594	Piano 3	7	2	Testa	-9863	7323	0	-9864	16591	0	2.27	V
						-10374	0	-10149	-10374	0	-51156	5.04	V
21	594	Piano 3	7	2	Piede	-11821	-6762	0	-11823	-16735	0	2.47	V
						-6636	0	6716	-6637	0	50556	7.53	V
22	362	Piano 1	8	3	Testa	-31250	-6338	0	-31249	-11473	0	1.81	V
						-43844	0	3601	-43844	0	24822	6.89	V
22	362	Piano 1	8	3	Piede	-32712	7427	0	-32711	11578	0	1.56	V
						-37634	0	-5446	-37634	0	-24252	4.45	V
23	480	Piano 2	8	3	Testa	-36991	7265	0	-36988	15991	0	2.20	V
						-23890	0	11582	-23889	0	29215	2.52	V
23	480	Piano 2	8	3	Piede	-38453	-7195	0	-38454	-16092	0	2.24	V
						-25352	0	-12781	-25351	0	-29356	2.30	V
24	595	Piano 3	8	3	Testa	-12174	-4004	0	-12175	-10087	0	2.52	V
						-12334	0	12141	-12334	0	21880	1.80	V
24	595	Piano 3	8	3	Piede	-17284	-3625	0	-17281	-10462	0	2.89	V
						-13639	0	-9943	-13638	0	-22003	2.21	V
25	363	Piano 1	9	3	Testa	-18462	-6528	0	-18462	-14684	0	2.25	V
						-44884	0	1643	-44883	0	31209	18.99	V
25	363	Piano 1	9	3	Piede	-19925	7502	0	-19926	14789	0	1.97	V
						-16582	0	6028	-16582	0	28502	4.73	V
26	481	Piano 2	9	3	Testa	-13941	-6325	0	-13940	-14359	0	2.27	V
						-28698	0	8192	-28698	0	29679	3.62	V

26	481	Piano 2	9	3	Piede	-15404	6552	0	-15402	14465	0	2.21	V
						-30160	0	-9544	-30159	0	-29820	3.12	V
27	596	Piano 3	9	3	Testa	-7484	-3660	0	-7487	-9740	0	2.66	V
						-12547	0	8331	-12547	0	21900	2.63	V
27	596	Piano 3	9	3	Piede	-8789	2863	0	-8794	9837	0	3.44	V
						-13852	0	-6058	-13852	0	-22023	3.64	V
28	364	Piano 1	10	2	Testa	-34785	11438	0	-34790	22532	0	1.97	V
						-41182	0	11504	-41181	0	66672	5.80	V
28	364	Piano 1	10	2	Piede	-36979	-12965	0	-36984	-22688	0	1.75	V
						-25423	0	-21057	-25422	0	-64239	3.05	V
29	482	Piano 2	10	2	Testa	-20436	11446	0	-20437	21505	0	1.88	V
						-25056	0	-11371	-25056	0	-64182	5.64	V
29	482	Piano 2	10	2	Piede	-22630	-11931	0	-22635	-21663	0	1.82	V
						-27250	0	14936	-27251	0	64524	4.32	V
30	597	Piano 3	10	2	Testa	-7983	7552	0	-7982	16452	0	2.18	V
						-9638	0	-8930	-9637	0	-51037	5.72	V
30	597	Piano 3	10	2	Piede	-11416	-6269	0	-11413	-16705	0	2.66	V
						-11302	0	5918	-11302	0	51304	8.67	V
31	365	Piano 1	11	3	Testa	-28661	5635	0	-28662	11288	0	2.00	V
						-31657	0	4489	-31657	0	23697	5.28	V
31	365	Piano 1	11	3	Piede	-30123	-6999	0	-30124	-11393	0	1.63	V
						-31557	0	-6207	-31557	0	-23688	3.82	V
32	483	Piano 2	11	3	Testa	-36568	-7178	0	-36567	-11851	0	1.65	V
						-27276	0	11135	-27277	0	23288	2.09	V
32	483	Piano 2	11	3	Piede	-38031	7038	0	-38035	11955	0	1.70	V
						-28738	0	-12079	-28738	0	-23425	1.94	V
33	598	Piano 3	11	3	Testa	-15618	-3993	0	-15618	-10340	0	2.59	V
						-12993	0	12067	-12993	0	21942	1.82	V
33	598	Piano 3	11	3	Piede	-16923	3658	0	-16921	10435	0	2.85	V
						-14298	0	-9892	-14299	0	-22065	2.23	V
34	366	Piano 1	12	2	Testa	-35308	-10448	0	-35307	-18444	0	1.77	V
						-22849	0	-5237	-22850	0	-53142	10.15	V
34	366	Piano 1	12	2	Piede	-37502	11368	0	-37505	18602	0	1.64	V
						-22899	0	22108	-22898	0	53150	2.40	V
35	484	Piano 2	12	3	Testa	-24034	-7408	0	-24034	-19084	0	2.58	V
						-31111	0	7407	-31111	0	37237	5.03	V
35	484	Piano 2	12	3	Piede	-25497	7438	0	-25501	19181	0	2.58	V
						-32573	0	-8171	-32573	0	-37331	4.57	V
36	599	Piano 3	12	3	Testa	-10960	-4290	0	-10955	-14144	0	3.30	V
						-13761	0	7868	-13761	0	28225	3.59	V
36	599	Piano 3	12	3	Piede	-12265	3898	0	-12263	14238	0	3.65	V
						-15066	0	-6061	-15066	0	-28353	4.68	V
37	367	Piano 1	13	1	Testa	-70297	-6373	0	-70296	-25903	0	4.06	V
						-79401	0	-3149	-79400	0	-33013	10.48	V
37	367	Piano 1	13	1	Piede	-57972	-6315	0	-57972	-25146	0	3.98	V
						-82556	0	4978	-82558	0	33068	6.64	V
38	485	Piano 2	13	1	Testa	-44919	-6897	0	-44919	-24315	0	3.53	V
						-52946	0	-6296	-52945	0	-32527	5.17	V
38	485	Piano 2	13	1	Piede	-46138	7057	0	-46135	24393	0	3.46	V
						-54165	0	6750	-54168	0	32551	4.82	V
39	600	Piano 3	13	1	Testa	-21040	-4334	0	-21038	-22732	0	5.25	V
						-15689	0	6301	-15690	0	31306	4.97	V
39	600	Piano 3	13	1	Piede	-22127	4015	0	-22126	22806	0	5.68	V
						-25983	0	5464	-25984	0	31776	5.82	V
40	368	Piano 1	14	2	Testa	-80521	-10686	0	-80524	-29567	0	2.77	V
						-85655	0	-8428	-85654	0	-82715	9.81	V
40	368	Piano 1	14	2	Piede	-79664	-11590	0	-79662	-29513	0	2.55	V
						-76300	0	17909	-76300	0	81889	4.57	V
41	486	Piano 2	14	2	Testa	-53918	-11949	0	-53919	-27849	0	2.33	V
						-48220	0	-17607	-48221	0	-78792	4.48	V
41	486	Piano 2	14	2	Piede	-56112	12205	0	-56110	27994	0	2.29	V
						-50414	0	20858	-50413	0	79058	3.79	V
42	601	Piano 3	14	2	Testa	-26215	-7892	0	-26208	-25970	0	3.29	V
						-23903	0	-15588	-23902	0	-75792	4.86	V
42	601	Piano 3	14	2	Piede	-28172	6965	0	-28174	26106	0	3.75	V
						-25860	0	9498	-25861	0	76036	8.01	V
43	369	Piano 1	15	2	Testa	-54169	-11131	0	-54176	-29364	0	2.64	V
						-76787	0	-9240	-76787	0	-82974	8.98	V
43	369	Piano 1	15	2	Piede	-60582	-12278	0	-60585	-29799	0	2.43	V
						-42113	0	18039	-42112	0	79559	4.41	V
44	487	Piano 2	15	2	Testa	-38860	-12963	0	-38859	-28311	0	2.18	V
						-22764	0	-12196	-22764	0	-77244	6.33	V
44	487	Piano 2	15	2	Piede	-41053	13138	0	-41049	28462	0	2.17	V
						-50619	0	-16065	-50619	0	-80559	5.01	V
45	602	Piano 3	15	2	Testa	-20815	-9136	0	-20811	-25596	0	2.80	V
						-10170	0	-8369	-10169	0	-74066	8.85	V
45	602	Piano 3	15	2	Piede	-22773	8432	0	-22771	25732	0	3.05	V
						-22773	0	-3803	-22773	0	-75651	19.89	V
46	370	Piano 1	16	7	Testa	-37913	11776	0	-37911	18631	0	1.58	V
						-30625	0	-12333	-30626	0	-54365	4.41	V
46	370	Piano 1	16	7	Piede	-40106	-13079	0	-40112	-18789	0	1.44	V
						-32660	0	-17062	-32660	0	-54683	3.20	V
47	488	Piano 2	16	7	Testa	-29169	12021	0	-29176	18002	0	1.50	V
						-33919	0	-10705	-33920	0	-54879	5.13	V
47	488	Piano 2	16	7	Piede	-31363	-12492	0	-31359	-18159	0	1.45	V
						-24732	0	-13825	-24732	0	-53439	3.87	V
48	603	Piano 3	16	7	Testa	-13008	7646	0	-13008	16822	0	2.20	V
						-15114	0	-20556	-15113	0	-51913	2.53	V
48	603	Piano 3	16	7	Piede	-16959	-6581	0	-16951	-17111	0	2.60	V
						-16959	0	15692	-16958	0	52207	3.33	V
49	371	Piano 1	17	7	Testa	-37781	-9944	0	-37775	-18621	0	1.87	V
						-51756	0	10884	-51757	0	57612	5.29	V
49	371	Piano 1	17	7	Piede	-39975	11195	0	-39979	18779	0	1.68	V
						-52678	0	16949	-52678	0	57750	3.41	V
50	489	Piano 2	17	7	Testa	-35630	9893	0	-35632	18467	0	1.87	V

						-42673	0	13013	-42673	0	56231	4.32	V
50	489	Piano 2	17	7	Piede	-37824	-10251	0	-37826	-18625	0	1.82	V
						-30964	0	10187	-30963	0	54418	5.34	V
51	604	Piano 3	17	7	Testa	-18638	5762	0	-18637	17235	0	2.99	V
						-13081	0	23239	-13080	0	51589	2.22	V
51	604	Piano 3	17	7	Piede	-20595	-4668	0	-20596	-17378	0	3.72	V
						-14910	0	-16676	-14909	0	-51881	3.11	V
52	372	Piano 1	18	7	Testa	-39718	11265	0	-39711	18760	0	1.67	V
						-32566	0	-11761	-32567	0	-54668	4.65	V
52	372	Piano 1	18	7	Piede	-41911	-12571	0	-41909	-18917	0	1.50	V
						-34451	0	-19860	-34452	0	-54962	2.77	V
53	490	Piano 2	18	7	Testa	-30263	11590	0	-30271	18081	0	1.56	V
						-34739	0	-9438	-34738	0	-55006	5.83	V
53	490	Piano 2	18	7	Piede	-32457	-12045	0	-32458	-18239	0	1.51	V
						-25726	0	-13076	-25727	0	-53596	4.10	V
54	605	Piano 3	18	7	Testa	-13346	7166	0	-13346	16847	0	2.35	V
						-15240	0	-20329	-15240	0	-51934	2.55	V
54	605	Piano 3	18	7	Piede	-17198	-6072	0	-17197	-17129	0	2.82	V
						-17198	0	16233	-17198	0	52245	3.22	V
55	373	Piano 1	19	7	Testa	-44110	-10199	0	-44115	-19074	0	1.87	V
						-53013	0	7398	-53013	0	57800	7.81	V
55	373	Piano 1	19	7	Piede	-46304	11363	0	-46305	19230	0	1.69	V
						-54135	0	22796	-54135	0	57969	2.54	V
56	491	Piano 2	19	7	Testa	-39008	-10159	0	-39006	-18709	0	1.84	V
						-43717	0	12938	-43717	0	56391	4.36	V
56	491	Piano 2	19	7	Piede	-41202	10487	0	-41196	18866	0	1.80	V
						-36166	0	8268	-36166	0	55228	6.68	V
57	606	Piano 3	19	7	Testa	-16841	-5908	0	-16837	-17103	0	2.89	V
						-15458	0	23881	-15458	0	51968	2.18	V
57	606	Piano 3	19	7	Piede	-18799	4900	0	-18797	17246	0	3.52	V
						-17487	0	-17425	-17488	0	-52292	3.00	V
58	374	Piano 1	20	3	Testa	-60194	6941	0	-60197	22987	0	3.31	V
						-85996	0	-6194	-85996	0	-40679	6.57	V
58	374	Piano 1	20	3	Piede	-61656	-7516	0	-61656	-23080	0	3.07	V
						-87458	0	10125	-87457	0	40713	4.02	V
59	492	Piano 2	20	1	Testa	-35181	-6430	0	-35181	-23678	0	3.68	V
						-60627	0	-6742	-60625	0	-32671	4.85	V
59	492	Piano 2	20	1	Piede	-50929	-6497	0	-50933	-24701	0	3.80	V
						-61846	0	6838	-61843	0	32694	4.78	V
60	607	Piano 3	20	1	Testa	-16304	-3954	0	-16301	-22411	0	5.67	V
						-32210	0	-8164	-32210	0	-32056	3.93	V
60	607	Piano 3	20	1	Piede	-27200	-3826	0	-27203	-23148	0	6.05	V
						-33298	0	6287	-33299	0	32104	5.11	V
61	650	Piano 4	20	1	Testa	-2761	2894	0	-2756	24391	0	8.43	V
						4514	0	8202	4517	0	33265	4.06	V
61	650	Piano 4	20	1	Piede	-3680	-2714	0	-3680	-24455	0	9.01	V
						3595	0	-8645	3592	0	-33298	3.85	V
62	375	Piano 1	21	2	Testa	-61424	9560	0	-61423	28343	0	2.96	V
						-47820	0	12049	-47820	0	78743	6.54	V
62	375	Piano 1	21	2	Piede	-63617	-11258	0	-63616	-28486	0	2.53	V
						-95430	0	24212	-95431	0	83568	3.45	V
63	493	Piano 2	21	2	Testa	-42673	11197	0	-42675	27096	0	2.42	V
						-35558	0	17227	-35558	0	77240	4.48	V
63	493	Piano 2	21	2	Piede	-44867	-10773	0	-44873	-27244	0	2.53	V
						-62335	0	20377	-62336	0	80489	3.95	V
64	608	Piano 3	21	2	Testa	-27434	7072	0	-27435	26055	0	3.68	V
						-31994	0	18795	-31994	0	76799	4.09	V
64	608	Piano 3	21	2	Piede	-29391	-6387	0	-29389	-26190	0	4.10	V
						-33952	0	-12690	-33951	0	-77041	6.07	V
65	651	Piano 4	21	1	Testa	-10597	6114	0	-10597	24930	0	4.08	V
						-4449	0	-9408	-4451	0	-33589	3.57	V
65	651	Piano 4	21	1	Piede	-9081	-3667	0	-9082	-24826	0	6.77	V
						-14706	0	-9221	-14705	0	-33957	3.68	V
66	376	Piano 1	22	15	Testa	-51371	10897	0	-51370	27884	0	2.56	V
						-22167	0	7204	-22167	0	86418	12.00	V
66	376	Piano 1	22	15	Piede	-53808	-13069	0	-53815	-28049	0	2.15	V
						-25142	0	27098	-25142	0	86844	3.20	V
67	494	Piano 2	22	15	Testa	-31947	13022	0	-31942	26552	0	2.04	V
						-12354	0	-15649	-12355	0	-84830	5.42	V
67	494	Piano 2	22	15	Piede	-34384	-12633	0	-34389	-26721	0	2.12	V
						-14183	0	18363	-14182	0	85150	4.64	V
68	609	Piano 3	22	15	Testa	-13175	8977	0	-13182	25235	0	2.81	V
						-4773	0	-13255	-4773	0	-83493	6.30	V
68	609	Piano 3	22	15	Piede	-15350	-7776	0	-15351	-25388	0	3.26	V
						-6903	0	6475	-6903	0	83870	12.95	V
69	377	Piano 1	23	7	Testa	-35658	-10852	0	-35658	-18469	0	1.70	V
						-31745	0	-10163	-31745	0	-54540	5.37	V
69	377	Piano 1	23	7	Piede	-37851	12116	0	-37852	18627	0	1.54	V
						-34100	0	-22792	-34100	0	-54907	2.41	V
70	495	Piano 2	23	7	Testa	-26506	-11187	0	-26501	-17808	0	1.59	V
						-35217	0	-9288	-35217	0	-55081	5.93	V
70	495	Piano 2	23	7	Piede	-28699	11645	0	-28697	17967	0	1.54	V
						-25033	0	-11234	-25032	0	-53487	4.76	V
71	610	Piano 3	23	7	Testa	-11655	-7104	0	-11647	-16722	0	2.35	V
						-15748	0	-21264	-15748	0	-52014	2.45	V
71	610	Piano 3	23	7	Piede	-11858	6065	0	-11862	16738	0	2.76	V
						-17705	0	16897	-17705	0	52326	3.10	V
72	378	Piano 1	24	7	Testa	-46041	-10191	0	-46037	-19211	0	1.89	V
						-38186	0	7733	-38186	0	55541	7.18	V
72	378	Piano 1	24	7	Piede	-48234	11368	0	-48230	19366	0	1.70	V
						-39410	0	24533	-39410	0	55730	2.27	V
73	496	Piano 2	24	7	Testa	-38142	-10094	0	-38147	-18648	0	1.85	V
						-44243	0	11994	-44242	0	56472	4.71	V
73	496	Piano 2	24	7	Piede	-40335	10438	0	-40330	18804	0	1.80	V
						-32821	0	6435	-32821	0	54708	8.50	V

74	611	Piano 3	24	7	Testa	-17844	-5883	0	-17838	-17176	0	2.92	V
						-20413	0	24359	-20414	0	52756	2.17	V
74	611	Piano 3	24	7	Piede	-19802	4846	0	-19806	17320	0	3.57	V
						-22371	0	-18045	-22371	0	-53066	2.94	V
75	379	Piano 1	25	7	Testa	-38175	-11066	0	-38181	-18650	0	1.69	V
						-31866	0	-9938	-31865	0	-54559	5.49	V
75	379	Piano 1	25	7	Piede	-40368	12407	0	-40363	18807	0	1.52	V
						-34060	0	-25752	-34059	0	-54901	2.13	V
76	497	Piano 2	25	7	Testa	-26097	-11302	0	-26096	-17778	0	1.57	V
						-34709	0	-9391	-34708	0	-55002	5.86	V
76	497	Piano 2	25	7	Piede	-28290	11731	0	-28289	17937	0	1.53	V
						-25431	0	-10607	-25430	0	-53549	5.05	V
77	612	Piano 3	25	7	Testa	-11543	-7260	0	-11550	-16715	0	2.30	V
						-15381	0	-21718	-15382	0	-51956	2.39	V
77	612	Piano 3	25	7	Piede	-11978	6234	0	-11979	16747	0	2.69	V
						-17620	0	17093	-17619	0	52312	3.06	V
78	380	Piano 1	26	7	Testa	-45807	9979	0	-45810	19195	0	1.92	V
						-43071	0	4000	-43071	0	56292	14.07	V
78	380	Piano 1	26	7	Piede	-48000	-11113	0	-48005	-19351	0	1.74	V
						-44815	0	29817	-44814	0	56559	1.90	V
79	498	Piano 2	26	7	Testa	-37203	9886	0	-37199	18580	0	1.88	V
						-45531	0	13396	-45531	0	56668	4.23	V
79	498	Piano 2	26	7	Piede	-39397	-10183	0	-39392	-18737	0	1.84	V
						-35979	0	4853	-35979	0	55199	11.37	V
80	613	Piano 3	26	7	Testa	-19736	-5701	0	-19731	-17315	0	3.04	V
						-21564	0	26491	-21564	0	52939	2.00	V
80	613	Piano 3	26	7	Piede	-21693	4717	0	-21696	17458	0	3.70	V
						-23653	0	-19085	-23654	0	-53269	2.79	V
81	381	Piano 1	27	3	Testa	-39579	-6916	0	-39580	-20098	0	2.91	V
						-21252	0	6380	-21252	0	36596	5.74	V
81	381	Piano 1	27	3	Piede	-41042	7300	0	-41045	20191	0	2.77	V
						-22715	0	-11128	-22714	0	-36692	3.30	V
82	499	Piano 2	27	3	Testa	-39037	-8181	0	-39038	-20064	0	2.45	V
						-17099	0	7428	-17099	0	36302	4.89	V
82	499	Piano 2	27	3	Piede	-40499	8049	0	-40497	20157	0	2.50	V
						-58541	0	7895	-58541	0	38970	4.94	V
83	614	Piano 3	27	3	Testa	-18240	-5055	0	-18242	-18695	0	3.70	V
						-13342	0	8513	-13342	0	35952	4.22	V
83	614	Piano 3	27	3	Piede	-19545	4833	0	-19544	18783	0	3.89	V
						-14647	0	-6303	-14647	0	-36074	5.72	V
84	652	Piano 4	27	3	Testa	-10278	2760	0	-10279	18152	0	6.58	V
						-4023	0	-6170	-4023	0	-35071	5.68	V
84	652	Piano 4	27	3	Piede	-8061	2988	0	-8062	17999	0	6.02	V
						-4631	0	-5694	-4630	0	-35129	6.17	V
85	382	Piano 1	28	12	Testa	-15863	-4200	0	-15864	-11964	0	2.85	V
						-18290	0	-4149	-18290	0	-16091	3.88	V
85	382	Piano 1	28	12	Piede	-16838	4712	0	-16840	12026	0	2.55	V
						-19265	0	4390	-19265	0	16149	3.68	V
86	500	Piano 2	28	12	Testa	-14885	-4831	0	-14886	-11901	0	2.46	V
						-21129	0	-5956	-21130	0	-16250	2.73	V
86	500	Piano 2	28	12	Piede	-15860	4755	0	-15861	11964	0	2.52	V
						-22104	0	6119	-22103	0	16303	2.66	V
87	615	Piano 3	28	12	Testa	-9877	-2948	0	-9878	-11574	0	3.93	V
						-14038	0	-5513	-14038	0	-15816	2.87	V
87	615	Piano 3	28	12	Piede	-10747	2655	0	-10746	11631	0	4.38	V
						-14908	0	5426	-14908	0	15872	2.93	V
88	383	Piano 1	29	3	Testa	-43989	-7528	0	-43986	-20377	0	2.71	V
						-46491	0	8642	-46491	0	38220	4.42	V
88	383	Piano 1	29	3	Piede	-45452	7683	0	-45453	20469	0	2.66	V
						-47953	0	-11903	-47953	0	-38312	3.22	V
89	501	Piano 2	29	3	Testa	-31852	-9089	0	-31853	-19599	0	2.16	V
						-37618	0	-12998	-37619	0	-37656	2.90	V
89	501	Piano 2	29	3	Piede	-33315	8994	0	-33318	19695	0	2.19	V
						-39081	0	13288	-39081	0	37749	2.84	V
90	616	Piano 3	29	3	Testa	-19761	-5915	0	-19761	-18797	0	3.18	V
						-17986	0	-12740	-17986	0	-36383	2.86	V
90	616	Piano 3	29	3	Piede	-21066	5725	0	-21062	18885	0	3.30	V
						-19291	0	11300	-19292	0	36468	3.23	V
91	653	Piano 4	29	3	Testa	-11617	-4875	0	-11614	-18243	0	3.74	V
						-10854	0	-10947	-10854	0	-35719	3.26	V
91	653	Piano 4	29	3	Piede	-12697	4243	0	-12699	18318	0	4.32	V
						-17125	0	8736	-17125	0	36304	4.16	V
92	384	Piano 1	30	3	Testa	-57100	7565	0	-57102	17353	0	2.29	V
						-61203	0	9498	-61202	0	32684	3.44	V
92	384	Piano 1	30	3	Piede	-58562	-7851	0	-58559	-17449	0	2.22	V
						-28463	0	11395	-28464	0	29657	2.60	V
93	502	Piano 2	30	3	Testa	-39327	9090	0	-39326	16152	0	1.78	V
						-18911	0	-12960	-18911	0	-28730	2.22	V
93	502	Piano 2	30	3	Piede	-40790	-9111	0	-40790	-16253	0	1.78	V
						-20373	0	13547	-20373	0	28873	2.13	V
94	617	Piano 3	30	3	Testa	-23355	6257	0	-23352	15033	0	2.40	V
						-10515	0	-12109	-10515	0	-27905	2.30	V
94	617	Piano 3	30	3	Piede	-24660	-5786	0	-24656	-15125	0	2.61	V
						-11820	0	11022	-11820	0	28034	2.54	V
95	654	Piano 4	30	3	Testa	-733	4125	0	-728	13401	0	3.25	V
						-12921	0	7812	-12921	0	28142	3.60	V
95	654	Piano 4	30	3	Piede	-1813	-4545	0	-1813	-13480	0	2.97	V
						-2188	0	-8707	-2188	0	-27080	3.11	V
96	385	Piano 1	31	2	Testa	-60562	10823	0	-60563	28287	0	2.61	V
						-81219	0	5280	-81220	0	82324	15.59	V
96	385	Piano 1	31	2	Piede	-36000	11494	0	-36003	26643	0	2.32	V
						-15344	0	25205	-15344	0	74718	2.96	V
97	503	Piano 2	31	2	Testa	-38130	12785	0	-38133	26788	0	2.10	V
						-7009	0	-13146	-7008	0	-73666	5.60	V
97	503	Piano 2	31	2	Piede	-40324	-12737	0	-40325	-26937	0	2.11	V

						-9203	0	13466	-9203	0	73943	5.49	V
98	618	Piano 3	31	2	Testa	-16132	8550	0	-16132	25269	0	2.96	V
						-3244	0	-11805	-3244	0	-73188	6.20	V
98	618	Piano 3	31	2	Piede	-23884	-7894	0	-23885	-25809	0	3.27	V
						-5201	0	6123	-5202	0	73437	11.99	V
99	386	Piano 1	32	4	Testa	-11447	3767	0	-11447	20719	0	5.50	V
						-9332	0	1783	-9332	0	20648	11.58	V
99	386	Piano 1	32	4	Piede	-12178	-3830	0	-12182	-20744	0	5.42	V
						-10063	0	-1938	-10065	0	-20673	10.66	V
100	504	Piano 2	32	4	Testa	-12753	-4411	0	-12753	-20763	0	4.71	V
						-14712	0	-2354	-14711	0	-20829	8.85	V
100	504	Piano 2	32	4	Piede	-13484	4417	0	-13483	20788	0	4.71	V
						-15444	0	2409	-15443	0	20853	8.66	V
101	619	Piano 3	32	4	Testa	-5135	-2622	0	-5134	-20506	0	7.82	V
						-4561	0	-2150	-4560	0	-20486	9.53	V
101	619	Piano 3	32	4	Piede	-5787	2634	0	-5785	20528	0	7.79	V
						-5213	0	2124	-5213	0	20509	9.66	V
102	655	Piano 4	32	4	Testa	-427	-1485	0	-429	-20346	0	13.70	V
						-407	0	-1158	-405	0	-20345	17.56	V
102	655	Piano 4	32	4	Piede	-967	1608	0	-971	20364	0	12.67	V
						-947	0	1132	-948	0	20363	17.99	V
103	387	Piano 1	33	4	Testa	-14488	3827	0	-14487	20821	0	5.44	V
						-20915	0	1712	-20915	0	21005	12.27	V
103	387	Piano 1	33	4	Piede	-15219	-3914	0	-15220	-20846	0	5.33	V
						-21646	0	-1904	-21647	0	-21020	11.04	V
104	505	Piano 2	33	4	Testa	-10659	-4488	0	-10659	-20693	0	4.61	V
						-6499	0	-2171	-6500	0	-20552	9.47	V
104	505	Piano 2	33	4	Piede	-11391	4469	0	-11393	20717	0	4.64	V
						-7230	0	2222	-7234	0	20577	9.26	V
105	620	Piano 3	33	4	Testa	-7680	-2801	0	-7678	-20592	0	7.35	V
						-5531	0	-1987	-5527	0	-20519	10.33	V
105	620	Piano 3	33	4	Piede	-8333	2766	0	-8330	20614	0	7.45	V
						-6184	0	1940	-6187	0	20542	10.59	V
106	656	Piano 4	33	4	Testa	-3702	-1689	0	-3701	-20457	0	12.11	V
						-439	0	1122	-440	0	20346	18.13	V
106	656	Piano 4	33	4	Piede	-4242	1698	0	-4244	20476	0	12.06	V
						-979	0	-1065	-982	0	-20365	19.12	V
107	388	Piano 1	34	7	Testa	-32378	-11632	0	-32371	-18232	0	1.57	V
						-28720	0	-9851	-28720	0	-54067	5.49	V
107	388	Piano 1	34	7	Piede	-34572	12848	0	-34568	18391	0	1.43	V
						-30261	0	-30147	-30261	0	-54308	1.80	V
108	506	Piano 2	34	7	Testa	-27034	-11545	0	-27039	-17847	0	1.55	V
						-36481	0	-10544	-36482	0	-55277	5.24	V
108	506	Piano 2	34	7	Piede	-29228	12199	0	-29229	18005	0	1.48	V
						-23313	0	-8451	-23313	0	-53215	6.30	V
109	621	Piano 3	34	7	Testa	-10690	-7798	0	-10689	-16652	0	2.14	V
						-16131	0	-23629	-16132	0	-52076	2.20	V
109	621	Piano 3	34	7	Piede	-10498	6368	0	-10493	16637	0	2.61	V
						-18474	0	18390	-18474	0	52448	2.85	V
110	389	Piano 1	35	7	Testa	-43060	-9617	0	-43064	-18999	0	1.98	V
						-29912	0	5706	-29913	0	54253	9.51	V
110	389	Piano 1	35	7	Piede	-40368	-10570	0	-40363	-18807	0	1.78	V
						-32105	0	28635	-32105	0	54596	1.91	V
111	507	Piano 2	35	7	Testa	-35399	-9638	0	-35392	-18450	0	1.91	V
						-49812	0	14452	-49813	0	57318	3.97	V
111	507	Piano 2	35	7	Piede	-37593	9998	0	-37589	18608	0	1.86	V
						-27780	0	5912	-27780	0	53919	9.12	V
112	622	Piano 3	35	7	Testa	-16714	-5566	0	-16714	-17094	0	3.07	V
						-22822	0	28000	-22822	0	53138	1.90	V
112	622	Piano 3	35	7	Piede	-18672	4527	0	-18665	17237	0	3.81	V
						-25003	0	-19946	-25003	0	-53482	2.68	V
113	390	Piano 1	36	12	Testa	-25358	4888	0	-25356	17016	0	3.48	V
						-8429	0	3535	-8430	0	18411	5.21	V
113	390	Piano 1	36	12	Piede	-26333	-5060	0	-26333	-17081	0	3.38	V
						-9404	0	-4763	-9403	0	-18443	3.87	V
114	508	Piano 2	36	12	Testa	-14091	5351	0	-14090	16256	0	3.04	V
						-6025	0	4413	-6024	0	18332	4.15	V
114	508	Piano 2	36	12	Piede	-15066	-5425	0	-15067	-16323	0	3.01	V
						-7000	0	-4423	-7001	0	-18364	4.15	V
115	623	Piano 3	36	12	Testa	-11946	-3344	0	-11942	-16109	0	4.82	V
						-4845	0	4493	-4846	0	18294	4.07	V
115	623	Piano 3	36	12	Piede	-12816	3158	0	-12814	16169	0	5.12	V
						-5715	0	-4066	-5716	0	-18322	4.51	V
116	391	Piano 1	37	4	Testa	-8766	3417	0	-8767	12091	0	3.54	V
						-14679	0	2422	-14678	0	12263	5.06	V
116	391	Piano 1	37	4	Piede	-9497	-3706	0	-9494	-12112	0	3.27	V
						-15410	0	-2423	-15410	0	-12284	5.07	V
117	509	Piano 2	37	4	Testa	-6826	3859	0	-6825	12034	0	3.12	V
						-7575	0	3123	-7572	0	12056	3.86	V
117	509	Piano 2	37	4	Piede	-7558	-3831	0	-7558	-12055	0	3.15	V
						-8306	0	-3155	-8306	0	-12077	3.83	V
118	624	Piano 3	37	4	Testa	-4262	2230	0	-4266	20476	0	9.18	V
						-2984	0	2932	-2985	0	20433	6.97	V
118	624	Piano 3	37	4	Piede	-4915	-2130	0	-4915	-20498	0	9.62	V
						-3637	0	-2965	-3633	0	-20455	6.90	V
119	657	Piano 4	37	4	Testa	-4007	-1467	0	-4006	-20468	0	13.95	V
						692	0	1478	695	0	20307	13.74	V
119	657	Piano 4	37	4	Piede	-5184	1355	0	-5185	20508	0	15.14	V
						152	0	-1605	150	0	-20326	12.67	V
120	392	Piano 1	38	4	Testa	-1993	3400	0	-1992	10479	0	3.08	V
						-15761	0	2052	-15762	0	11169	5.44	V
120	392	Piano 1	38	4	Piede	-2725	-3806	0	-2724	-10526	0	2.77	V
						-16492	0	-2224	-16493	0	-11194	5.03	V
121	510	Piano 2	38	4	Testa	-5314	3833	0	-5313	10691	0	2.79	V
						-12934	0	2643	-12935	0	11073	4.19	V

121	510	Piano 2	38	4	Piede	-6045	-3814	0	-6044	-10737	0	2.82	V
						-4142	0	2575	-4141	0	10616	4.12	V
122	625	Piano 3	38	4	Testa	-7561	2224	0	-7561	10831	0	4.87	V
						-9477	0	2494	-9476	0	10950	4.39	V
122	625	Piano 3	38	4	Piede	-8214	-2094	0	-8213	-10872	0	5.19	V
						-10130	0	-2472	-10133	0	-10978	4.44	V
123	658	Piano 4	38	4	Testa	-9086	1575	0	-9087	10926	0	6.94	V
						-5856	0	1385	-5857	0	10725	7.75	V
123	658	Piano 4	38	4	Piede	-9626	-1268	0	-9626	-10959	0	8.64	V
						-6396	0	-1299	-6397	0	-10759	8.28	V
124	393	Piano 1	39	2	Testa	-44633	-11066	0	-44638	-19112	0	1.73	V
						-41706	0	-5761	-41706	0	-56083	9.73	V
124	393	Piano 1	39	2	Piede	-46827	12968	0	-46830	19267	0	1.49	V
						-39157	0	-44473	-39157	0	-55691	1.25	V
125	511	Piano 2	39	7	Testa	-29124	-11316	0	-29125	-22128	0	1.96	V
						-29790	0	-18269	-29791	0	-64919	3.55	V
125	511	Piano 2	39	7	Piede	-31318	11492	0	-31324	22285	0	1.94	V
						-31984	0	16276	-31984	0	65259	4.01	V
126	626	Piano 3	39	2	Testa	-11107	-6015	0	-11100	-16682	0	2.77	V
						-10663	0	-17464	-10663	0	-51202	2.93	V
126	626	Piano 3	39	2	Piede	-10414	5881	0	-10414	16632	0	2.83	V
						-11037	0	11939	-11037	0	51262	4.29	V
127	394	Piano 1	41	16	Testa	-2075	6075	0	-2076	15698	0	2.58	V
						-4376	0	19368	-4376	0	39263	2.03	V
127	394	Piano 1	41	16	Piede	-3781	-7817	0	-3784	-15820	0	2.02	V
						-6082	0	-29317	-6081	0	-39468	1.35	V
128	512	Piano 2	41	3	Testa	-31130	-6485	0	-31133	-17505	0	2.70	V
						-2244	0	17210	-2244	0	32132	1.87	V
128	512	Piano 2	41	3	Piede	-32593	6243	0	-32590	17600	0	2.82	V
						-3706	0	-16655	-3706	0	-32277	1.94	V
129	627	Piano 3	41	3	Testa	-15969	-3548	0	-15970	-16490	0	4.65	V
						-20977	0	-19629	-20977	0	-33979	1.73	V
129	627	Piano 3	41	3	Piede	-17274	3204	0	-17277	16579	0	5.17	V
						-22282	0	18027	-22282	0	34106	1.89	V
130	659	Piano 4	41	3	Testa	-9615	-3344	0	-9615	-13999	0	4.19	V
						-10727	0	-8397	-10727	0	-29425	3.50	V
130	659	Piano 4	41	3	Piede	-10695	2862	0	-10699	14075	0	4.92	V
						-11807	0	9013	-11806	0	29524	3.28	V
131	395	Piano 1	42	3	Testa	-37095	-3168	0	-37096	-11889	0	3.75	V
						-14219	0	12715	-14218	0	22058	1.73	V
131	395	Piano 1	42	3	Piede	-20180	-4664	0	-20176	-10673	0	2.29	V
						-15682	0	-16753	-15682	0	-22196	1.32	V
132	513	Piano 2	42	3	Testa	-22978	-3917	0	-22980	-10877	0	2.78	V
						-10833	0	16794	-10833	0	21682	1.29	V
132	513	Piano 2	42	3	Piede	-24440	3111	0	-24439	10983	0	3.53	V
						-12295	0	-17173	-12295	0	-21876	1.27	V
133	628	Piano 3	42	3	Testa	-9411	-2825	0	-9416	-9883	0	3.50	V
						-9411	0	-16027	-9410	0	-21491	1.34	V
133	628	Piano 3	42	3	Piede	-8701	2264	0	-8706	9830	0	4.34	V
						-10716	0	14527	-10717	0	21667	1.49	V
134	660	Piano 4	42	3	Testa	-5697	-2107	0	-5698	-9607	0	4.56	V
						2101	0	-9475	2101	0	-19815	2.09	V
134	660	Piano 4	42	3	Piede	780	2251	0	776	9124	0	4.05	V
						1021	0	6816	1020	0	19982	2.93	V
135	396	Piano 1	43	3	Testa	-37695	-6457	0	-37698	-16040	0	2.48	V
						-40856	0	11729	-40856	0	30834	2.63	V
135	396	Piano 1	43	3	Piede	-28706	-6695	0	-28707	-15412	0	2.30	V
						-20320	0	13836	-20320	0	28868	2.09	V
136	514	Piano 2	43	3	Testa	-23526	-8041	0	-23524	-15045	0	1.87	V
						-28533	0	16692	-28533	0	29663	1.78	V
136	514	Piano 2	43	3	Piede	-24989	7903	0	-24989	15149	0	1.92	V
						-29995	0	-17025	-29995	0	-29804	1.75	V
137	629	Piano 3	43	3	Testa	-11583	-5538	0	-11580	-12083	0	2.18	V
						-17405	0	16625	-17405	0	27406	1.65	V
137	629	Piano 3	43	3	Piede	-7327	4764	0	-7328	11783	0	2.47	V
						-18710	0	-15109	-18710	0	-27529	1.82	V
138	661	Piano 4	43	3	Testa	871	-3673	0	871	-13284	0	3.62	V
						-6901	0	-5374	-6900	0	-27548	5.13	V
138	661	Piano 4	43	3	Piede	-209	4025	0	-205	13362	0	3.32	V
						-8649	0	-5640	-8649	0	-27721	4.92	V
139	397	Piano 1	44	2	Testa	-23111	-7779	0	-23111	-17561	0	2.26	V
						7313	0	-4766	7313	0	-48302	10.13	V
139	397	Piano 1	44	2	Piede	-28004	-10793	0	-28004	-17917	0	1.66	V
						322	0	26626	323	0	49434	1.86	V
140	515	Piano 2	44	2	Testa	-12905	-10020	0	-12911	-16815	0	1.68	V
						3285	0	-15307	3286	0	-48955	3.20	V
140	515	Piano 2	44	2	Piede	-15098	9725	0	-15105	16976	0	1.75	V
						1091	0	15749	1091	0	49310	3.13	V
141	630	Piano 3	44	2	Testa	2232	-7506	0	2229	-15697	0	2.09	V
						-13170	0	15715	-13170	0	51603	3.28	V
141	630	Piano 3	44	2	Piede	274	6493	0	276	15842	0	2.44	V
						-15778	0	-8296	-15778	0	-52019	6.27	V
142	398	Piano 1	45	3	Testa	-29665	-6045	0	-29665	-11360	0	1.88	V
						-23333	0	-6191	-23333	0	-22917	3.70	V
142	398	Piano 1	45	3	Piede	-31150	7504	0	-31151	11466	0	1.53	V
						-21372	0	-15850	-21372	0	-22733	1.43	V
143	516	Piano 2	45	3	Testa	-11598	-7885	0	-11598	-10044	0	1.27	V
						-9686	0	-16271	-9687	0	-21528	1.32	V
143	516	Piano 2	45	3	Piede	-13083	6991	0	-13080	10153	0	1.45	V
						-11171	0	13464	-11171	0	21728	1.61	V
144	399	Piano 1	46	3	Testa	-7227	4060	0	-7222	9720	0	2.39	V
						-27183	0	6535	-27183	0	23279	3.56	V
144	399	Piano 1	46	3	Piede	-8712	-5787	0	-8712	-9831	0	1.70	V
						-11487	0	14323	-11487	0	21770	1.52	V
145	517	Piano 2	46	3	Testa	-12643	-6032	0	-12644	-12157	0	2.02	V

						-12386	0	18276	-12387	0	26932	1.47	V
145	517	Piano 2	46	3	Piede	-14128	4812	0	-14127	12260	0	2.55	V
						-13871	0	-15009	-13871	0	-27072	1.80	V
146	400	Piano 1	50	3	Testa	-29676	2279	0	-29675	11361	0	4.98	V
						-6600	0	-6924	-6599	0	-21105	3.05	V
146	400	Piano 1	50	3	Piede	-21646	6160	0	-21647	10781	0	1.75	V
						-8198	0	10460	-8199	0	21326	2.04	V
147	518	Piano 2	50	3	Testa	-19967	2752	0	-19967	10658	0	3.87	V
						-7162	0	-11794	-7162	0	-21183	1.80	V
147	518	Piano 2	50	3	Piede	-15372	-1829	0	-15377	-10322	0	5.64	V
						-8624	0	12723	-8624	0	21384	1.68	V
148	631	Piano 3	50	3	Testa	-7380	1746	0	-7380	9732	0	5.57	V
						-11118	0	-10590	-11118	0	-21721	2.05	V
148	631	Piano 3	50	3	Piede	-6823	-720	0	-6822	-9690	0	13.45	V
						-12423	0	9792	-12423	0	21888	2.24	V

4.3.1.1.9 Verifiche SLD - Taglio.

Pilastro : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Blocco:
1 : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
2 : tratto (mediano) nel quale le staffe vengono mantenute costanti;
3 : tratto (finale) nel quale le staffe vengono mantenute costanti;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;

Tagli Sollecitanti:
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;
ϕ : diametro della staffa;
Nbr_X : numero di bracci di cui è composta la staffa in direzione X;
Nbr_Y : numero di bracci di cui è composta la staffa in direzione Y;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 12.I

								Tagli Sollecitanti		Tagli Resistenti									
Pilastro	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Blocco**	**Cop [cm]**	**cot(θ)**	**Vsdxy [daN]**	**Vsdxz [daN]**	**Vrdxy [daN]**	**Vrdxz [daN]**	**ϕ [mm]**	**Nbr_X**	**Nbr_Y**	**DStaffe [cm]**	**Ltr [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**
1	346	Piano 1	1	2	1	2.5	1.0	5971	5653	64253	31115	10	2	4	10	90	9.11	5.74	V
					2	2.5	1.0	5971	5653	40869	17145	10	2	4	24	145	3.80	2.39	V
					3	2.5	1.0	5971	5653	64500	31197	10	2	4	10	90	9.11	5.74	V
2	473	Piano 2	1	2	1	2.5	1.0	10655	5105	61277	30123	10	2	4	10	90	5.11	6.36	V
					2	2.5	1.0	10655	5105	37901	16156	10	2	4	24	145	2.13	2.65	V
					3	2.5	1.0	10655	5105	61546	30213	10	2	4	10	90	5.11	6.36	V
3	588	Piano 3	1	2	1	2.5	1.0	5562	2986	59793	30019	10	2	4	10	90	9.78	10.87	V
					2	2.5	1.0	5562	2986	36422	16054	10	2	4	24	110	4.07	4.53	V
					3	2.5	1.0	5562	2986	60079	30115	10	2	4	10	90	9.78	10.87	V
4	347	Piano 1	2	3	1	2.5	1.0	3220	2445	38111	28852	10	2	4	10	60	10.97	13.27	V
					2	2.5	1.0	3220	2445	22980	14905	10	2	4	24	205	4.57	5.53	V
					3	2.5	1.0	3220	2445	38245	28919	10	2	4	10	60	10.97	13.27	V
5	474	Piano 2	2	3	1	2.5	1.0	7536	1396	36640	28116	10	2	4	10	60	4.69	23.24	V
					2	2.5	1.0	7536	1396	21520	14175	10	2	4	24	205	1.95	9.68	V
					3	2.5	1.0	7536	1396	36789	28191	10	2	4	10	60	4.69	23.24	V
6	589	Piano 3	2	3	1	2.5	1.0	7567	725	35823	27753	10	2	4	10	60	4.67	44.74	V
					2	2.5	1.0	7567	725	20714	13818	10	2	4	24	170	1.94	18.64	V
					3	2.5	1.0	7567	725	35988	27836	10	2	4	10	60	4.67	44.74	V
7	348	Piano 1	3	3	1	2.5	1.0	3666	2362	37471	28532	10	2	4	10	60	9.63	13.74	V
					2	2.5	1.0	3666	2362	22345	14588	10	2	4	24	205	4.01	5.72	V
					3	2.5	1.0	3666	2362	37612	28603	10	2	4	10	60	9.63	13.74	V

8	475	Piano 2	3	3	1	2.5	1.0	7762	1594	36144	27869	10	2	4	10	60	4.55	20.35	V
					2	2.5	1.0	7762	1594	21028	13929	10	2	4	24	205	1.90	8.48	V
					3	2.5	1.0	7762	1594	36299	27946	10	2	4	10	60	4.55	20.35	V
9	590	Piano 3	3	3	1	2.5	1.0	7803	1047	35601	27643	10	2	4	10	60	4.52	30.99	V
					2	2.5	1.0	7803	1047	20494	13708	10	2	4	24	170	1.89	12.91	V
					3	2.5	1.0	7803	1047	35768	27726	10	2	4	10	60	4.52	30.99	V
10	349	Piano 1	4	1	1	2.5	1.0	2630	2733	33578	17293	10	2	2	10	53	11.00	5.94	V
					2	2.5	1.0	8558	2733	22331	11039	10	2	2	24	210	1.41	2.47	V
					3	2.5	1.0	8558	1226	36251	18897	10	2	2	10	53	3.38	13.24	V
11	476	Piano 2	4	1	1	2.5	1.0	5194	3320	34212	17674	10	2	2	10	53	5.57	4.89	V
					2	2.5	1.0	5194	3320	21800	10720	10	2	2	24	210	2.32	2.04	V
					3	2.5	1.0	5194	3320	34313	17734	10	2	2	10	53	5.57	4.89	V
12	591	Piano 3	4	1	1	2.5	1.0	5728	3009	32243	17165	10	2	2	10	50	5.05	5.39	V
					2	2.5	1.0	5728	3009	19842	10218	10	2	2	24	180	2.11	2.25	V
					3	2.5	1.0	5728	3009	32358	17234	10	2	2	10	50	5.05	5.39	V
13	353	Piano 1	5	17	1	2.5	1.0	20894	4443	70627	34071	10	2	4	9	90	2.89	8.11	V
					2	2.5	1.0	794	1463	41687	17073	10	2	4	24	135	28.54	9.24	V
					3	2.5	1.0	5929	1538	65082	31046	10	2	4	10	90	9.17	21.09	V
14	477	Piano 2	5	2	1	2.5	1.0	15390	5084	68351	32136	10	2	4	10	90	3.53	6.38	V
					2	2.5	1.0	15390	5084	44974	18168	10	2	4	24	135	1.47	2.66	V
					3	2.5	1.0	15390	5084	68615	32224	10	2	4	10	90	3.53	6.38	V
15	592	Piano 3	5	2	1	2.5	1.0	6771	5043	61136	31036	10	2	4	10	90	8.03	6.43	V
					2	2.5	1.0	6771	5043	37767	17071	10	2	4	24	100	3.35	2.68	V
					3	2.5	1.0	6771	5043	61426	31132	10	2	4	10	90	8.03	6.43	V
16	357	Piano 1	6	2	1	2.5	1.0	23714	4942	77687	37894	10	2	4	8	90	2.87	8.21	V
					2	2.5	1.0	1866	2577	43969	17833	10	2	4	24	135	12.15	5.24	V
					3	2.5	1.0	3963	2566	67517	31858	10	2	4	10	90	13.72	12.64	V
17	478	Piano 2	6	2	1	2.5	1.0	12708	5823	62355	30411	10	2	4	10	90	4.28	5.57	V
					2	2.5	1.0	12708	5823	38980	16445	10	2	4	24	135	1.78	2.32	V
					3	2.5	1.0	12708	5823	62627	30502	10	2	4	10	90	4.28	5.57	V
18	593	Piano 3	6	2	1	2.5	1.0	3628	5621	60433	30801	10	2	4	10	90	14.99	5.77	V
					2	2.5	1.0	3628	5621	37065	16837	10	2	4	24	100	6.25	2.41	V
					3	2.5	1.0	3628	5621	60726	30899	10	2	4	10	90	14.99	5.77	V
19	361	Piano 1	7	2	1	2.5	1.0	5183	7621	69583	32638	10	2	4	10	90	10.50	4.26	V
					2	2.5	1.0	5183	7621	46198	18668	10	2	4	24	145	4.37	1.77	V
					3	2.5	1.0	5183	7621	69826	32719	10	2	4	10	90	10.50	4.26	V
20	479	Piano 2	7	2	1	2.5	1.0	9205	7691	66875	31735	10	2	4	10	90	5.91	4.22	V
					2	2.5	1.0	9205	7691	43498	17768	10	2	4	24	145	2.46	1.76	V
					3	2.5	1.0	9205	7691	67139	31823	10	2	4	10	90	5.91	4.22	V
21	594	Piano 3	7	2	1	2.5	1.0	4849	4856	60218	30161	10	2	4	10	90	11.22	6.68	V
					2	2.5	1.0	4849	4856	36846	16195	10	2	4	24	110	4.67	2.78	V
					3	2.5	1.0	4849	4856	60501	30255	10	2	4	10	90	11.22	6.68	V
22	362	Piano 1	8	3	1	2.5	1.0	2824	4320	39817	29705	10	2	4	10	60	12.50	7.51	V
					2	2.5	1.0	2824	4320	24669	15750	10	2	4	24	205	5.21	3.13	V
					3	2.5	1.0	2824	4320	39930	29761	10	2	4	9	60	12.50	7.51	V
23	480	Piano 2	8	3	1	2.5	1.0	7469	4449	41706	30078	10	2	4	10	60	4.73	7.29	V
					2	2.5	1.0	7469	4449	26577	16133	10	2	4	24	205	1.97	3.04	V
					3	2.5	1.0	7469	4449	41843	30147	10	2	4	10	60	4.73	7.29	V
24	595	Piano 3	8	3	1	2.5	1.0	7614	2589	36560	28122	10	2	4	10	60	4.64	12.53	V
					2	2.5	1.0	7614	2589	21447	14185	10	2	4	24	170	1.93	5.22	V
					3	2.5	1.0	7614	2589	36719	28202	10	2	4	10	60	4.64	12.53	V
25	363	Piano 1	9	3	1	2.5	1.0	2234	4317	42556	30503	10	2	4	10	60	15.80	7.52	V
					2	2.5	1.0	2234	4317	27420	16554	10	2	4	24	205	6.59	3.13	V
					3	2.5	1.0	2234	4317	42684	30567	10	2	4	10	60	15.80	7.52	V
26	481	Piano 2	9	3	1	2.5	1.0	5399	3962	41123	29787	10	2	4	10	60	6.54	8.19	V
					2	2.5	1.0	5399	3962	25998	15843	10	2	4	24	205	2.72	3.41	V
					3	2.5	1.0	5399	3962	41266	29858	10	2	4	10	60	6.54	8.19	V
27	596	Piano 3	9	3	1	2.5	1.0	4957	2249	36238	27961	10	2	4	10	60	7.12	14.42	V
					2	2.5	1.0	4957	2249	21127	14025	10	2	4	24	170	2.97	6.01	V
					3	2.5	1.0	4957	2249	36400	28042	10	2	4	10	60	7.12	14.42	V
28	364	Piano 1	10	2	1	2.5	1.0	8311	7509	69213	32515	10	2	4	10	90	6.54	4.32	V
					2	2.5	1.0	8311	7509	45830	18545	10	2	4	24	145	2.73	1.80	V
					3	2.5	1.0	8311	7509	69459	32597	10	2	4	10	90	6.54	4.32	V
29	482	Piano 2	10	2	1	2.5	1.0	7710	7192	66662	31664	10	2	4	10	90	7.05	4.51	V
					2	2.5	1.0	7710	7192	43285	17697	10	2	4	24	145	2.94	1.88	V
					3	2.5	1.0	7710	7192	66928	31753	10	2	4	10	90	7.05	4.51	V
30	597	Piano 3	10	2	1	2.5	1.0	4340	4736	60122	30129	10	2	4	10	90	12.53	6.85	V
					2	2.5	1.0	4340	4736	36751	16164	10	2	4	24	110	5.22	2.85	V
					3	2.5	1.0	4340	4736	60406	30224	10	2	4	10	90	12.53	6.85	V
31	365	Piano 1	11	3	1	2.5	1.0	3245	4333	39803	29698	10	2	4	10	60	10.88	7.49	V
					2	2.5	1.0	3245	4333	24656	15743	10	2	4	24	205	4.53	3.12	V
					3	2.5	1.0	3245	4333	39916	29754	10	2	4	8	60	10.88	7.49	V
32	483	Piano 2	11	3	1	2.5	1.0	7127	4374	38032	28813	10	2	4	10	60	4.95	7.42	V
					2	2.5	1.0	7127	4374	22901	14866	10	2	4	24	205	2.06	3.09	V
					3	2.5	1.0	7127	4374	38167	28880	10	2	4	10	60	4.95	7.42	V
33	598	Piano 3	11	3	1	2.5	1.0	7569	2638	36661	28173	10	2	4	10	60	4.66	12.30	V
					2	2.5	1.0	7569	2638	21547	14235	10	2	4	24	170	1.94	5.12	V
					3	2.5	1.0	7569	2638	36819	28252	10	2	4	10	60	4.66	12.30	V
34	366	Piano 1	12	2	1	2.5	1.0	8143	6706	65213	31435	10	2	4	10	90	6.68	4.84	V
					2	2.5	1.0	8181	6706	41827	17465	10	2	4	24	145	2.77	2.02	V
					3	2.5	1.0	8205	6706	65453	31515	10	2	4	10	90	6.63	4.84	V
35	484	Piano 2	12	3	1	2.5	1.0	4733	4568	43276	30578	10	2	4	10	60	7.46	7.10	V
					2	2.5	1.0	4733	4568	28150	16634	10	2	4	24	205	3.11	2.96	V
					3	2.5	1.0	4733	4568	43417	30648	10	2	4	10	60	7.46	7.10	V
36	599	Piano 3	12	3	1	2.5	1.0	4800	2823	40614	29601	10	2	4	10	60	7.36	11.49	V
					2	2.5	1.0	4800	2823	25502	15664	10	2	4	24	170	3.07	4.79	V
					3	2.5	1.0	4800	2823	40774	29681	10	2	4	10	60	7.36	11.49	V
37	367	Piano 1	13	1	1	2.5	1.0	2496	3955	44477	22430	10	2	2	10	53	11.55	4.07	V
					2	2.5	1.0	2496	3955	31728	15311	10	2	2	25	210	4.62	1.63	V
					3	2.5	1.0	2496	3955	44529	22461	10	2	2	5	53	11.55	4.07	V
38	485	Piano 2	13	1	1	2.5	1.0	4002	4293	42994	21540	10	2	2	10	53	7.20	3.75	V
					2	2.5	1.0	4002	4293	30264	14433	10	2	2	25	210	2.88	1.50	V
					3	2.5	1.0	4002	4293	43071	21586	10	2	2	10	53	7.20	3.75	V
39	600	Piano 3	13	1	1	2.5	1.0	4076	2879	43081	22274	10	2	2	10	50	7.07	5.59	V
					2	2.5	1.0	4076	2879	30371	15179	10	2	2	25	180	2.83	2.24	V

					3	2.5	1.0	4076	2879	43185	22336	10	2	2	10	50	7.07	5.59	V
40	368	Piano 1	14	2	1	2.5	1.0	6770	6812	78291	35312	10	2	4	10	90	8.03	4.76	V
					2	2.5	1.0	6770	6812	54893	21337	10	2	4	24	135	3.35	1.98	V
					3	2.5	1.0	6770	6812	78492	35379	10	2	4	10	90	8.03	4.76	V
41	486	Piano 2	14	2	1	2.5	1.0	11585	7432	74359	34001	10	2	4	10	90	4.70	4.37	V
					2	2.5	1.0	11585	7432	50972	20031	10	2	4	24	135	1.96	1.82	V
					3	2.5	1.0	11585	7432	74595	34080	10	2	4	10	90	4.70	4.37	V
42	601	Piano 3	14	2	1	2.5	1.0	8591	5123	71454	34506	10	2	4	10	90	6.33	6.33	V
					2	2.5	1.0	8591	5123	48080	20539	10	2	4	24	100	2.64	2.64	V
					3	2.5	1.0	8591	5123	71728	34597	10	2	4	10	90	6.33	6.33	V
43	369	Piano 1	15	2	1	2.5	1.0	6927	7128	81745	36222	10	2	4	10	90	7.85	4.55	V
					2	2.5	1.0	6927	7128	58349	22248	10	2	4	24	135	3.27	1.90	V
					3	2.5	1.0	6927	7128	81954	36292	10	2	4	10	90	7.85	4.55	V
44	487	Piano 2	15	2	1	2.5	1.0	8033	8031	77834	34918	10	2	4	10	90	6.77	4.04	V
					2	2.5	1.0	8033	8031	54449	20948	10	2	4	24	135	2.82	1.68	V
					3	2.5	1.0	8033	8031	78077	35000	10	2	4	10	90	6.77	4.04	V
45	602	Piano 3	15	2	1	2.5	1.0	3802	6058	70438	34167	10	2	4	10	90	14.31	5.36	V
					2	2.5	1.0	3802	6058	47066	20201	10	2	4	24	100	5.96	2.23	V
					3	2.5	1.0	3802	6058	70718	34260	10	2	4	10	90	14.31	5.36	V
46	370	Piano 1	16	7	1	2.5	1.0	5221	7648	64709	31267	10	2	4	10	90	10.42	4.24	V
					2	2.5	1.0	5221	7648	41324	17297	10	2	4	24	145	4.34	1.77	V
					3	2.5	1.0	5221	7648	64952	31348	10	2	4	10	90	10.42	4.24	V
47	488	Piano 2	16	7	1	2.5	1.0	6370	7542	63690	30856	10	2	4	10	90	8.54	4.30	V
					2	2.5	1.0	6370	7542	40312	16888	10	2	4	24	135	3.56	1.79	V
					3	2.5	1.0	6370	7542	63952	30944	10	2	4	10	90	8.54	4.30	V
48	603	Piano 3	16	7	1	2.5	1.0	12345	4862	61538	31170	10	2	4	10	90	4.41	6.67	V
					2	2.5	1.0	12345	4862	38168	17205	10	2	4	24	100	1.84	2.78	V
					3	2.5	1.0	12345	4862	61825	31265	10	2	4	10	90	4.41	6.67	V
49	371	Piano 1	17	7	1	2.5	1.0	4749	6567	66085	31726	10	2	4	10	90	11.45	4.94	V
					2	2.5	1.0	4749	6567	42697	17755	10	2	4	24	145	4.77	2.06	V
					3	2.5	1.0	4749	6567	66318	31803	10	2	4	10	90	11.45	4.94	V
50	489	Piano 2	17	7	1	2.5	1.0	5517	6198	65337	31405	10	2	4	10	90	9.86	5.23	V
					2	2.5	1.0	5517	6198	41954	17436	10	2	4	24	135	4.11	2.18	V
					3	2.5	1.0	5517	6198	65586	31488	10	2	4	10	90	9.86	5.23	V
51	604	Piano 3	17	7	1	2.5	1.0	13641	3596	62677	31549	10	2	4	10	90	3.99	9.02	V
					2	2.5	1.0	13641	3596	39305	17583	10	2	4	24	100	1.66	3.76	V
					3	2.5	1.0	13641	3596	62957	31643	10	2	4	10	90	3.99	9.02	V
52	372	Piano 1	18	7	1	2.5	1.0	5024	7334	64850	31314	10	2	4	10	90	10.83	4.42	V
					2	2.5	1.0	5024	7334	41465	17344	10	2	4	24	145	4.51	1.84	V
					3	2.5	1.0	5024	7334	65092	31395	10	2	4	10	90	10.83	4.42	V
53	490	Piano 2	18	7	1	2.5	1.0	6141	7272	63744	30875	10	2	4	10	90	8.86	4.46	V
					2	2.5	1.0	6141	7272	40366	16907	10	2	4	24	135	3.69	1.86	V
					3	2.5	1.0	6141	7272	64006	30962	10	2	4	10	90	8.86	4.46	V
54	605	Piano 3	18	7	1	2.5	1.0	12524	4536	61544	31172	10	2	4	10	90	4.34	7.15	V
					2	2.5	1.0	12524	4536	38174	17207	10	2	4	24	100	1.81	2.98	V
					3	2.5	1.0	12524	4536	61831	31267	10	2	4	10	90	4.34	7.15	V
55	373	Piano 1	19	7	1	2.5	1.0	6450	6635	66202	31765	10	2	4	10	90	8.43	4.89	V
					2	2.5	1.0	6450	6635	42814	17794	10	2	4	24	145	3.51	2.04	V
					3	2.5	1.0	6450	6635	66433	31842	10	2	4	10	90	8.43	4.89	V
56	491	Piano 2	19	7	1	2.5	1.0	5118	6353	65418	31433	10	2	4	10	90	10.63	5.11	V
					2	2.5	1.0	5118	6353	42036	17463	10	2	4	24	135	4.43	2.13	V
					3	2.5	1.0	5118	6353	65667	31515	10	2	4	10	90	10.63	5.11	V
57	606	Piano 3	19	7	1	2.5	1.0	14194	3727	62759	31577	10	2	4	10	90	3.83	8.71	V
					2	2.5	1.0	14194	3727	39386	17611	10	2	4	24	100	1.60	3.63	V
					3	2.5	1.0	14194	3727	63038	31670	10	2	4	10	90	3.83	8.71	V
58	374	Piano 1	20	3	1	2.5	1.0	5020	4448	51760	34117	10	2	4	10	60	7.03	7.29	V
					2	2.5	1.0	5020	4448	36590	20151	10	2	4	24	195	2.93	3.04	V
					3	2.5	1.0	5020	4448	51843	34158	10	2	4	7	60	7.03	7.29	V
59	492	Piano 2	20	1	1	2.5	1.0	4173	4044	43498	21843	10	2	2	10	53	6.91	3.98	V
					2	2.5	1.0	4173	4044	30762	14732	10	2	2	25	210	2.76	1.59	V
					3	2.5	1.0	4173	4044	43567	21884	10	2	2	10	53	6.91	3.98	V
60	607	Piano 3	20	1	1	2.5	1.0	4976	2690	43986	22817	10	2	2	10	50	5.79	5.98	V
					2	2.5	1.0	4976	2690	31269	15717	10	2	2	25	180	2.32	2.39	V
					3	2.5	1.0	4976	2690	44080	22873	10	2	2	10	50	5.79	5.98	V
61	650	Piano 4	20	1	1	2.5	1.0	6875	2287	46014	25671	10	2	2	10	50	4.19	7.04	V
					2	2.5	1.0	6875	2287	33311	18580	10	2	2	25	150	1.68	2.82	V
					3	2.5	1.0	6875	2287	46127	25739	10	2	2	10	50	4.19	7.04	V
62	375	Piano 1	21	2	1	2.5	1.0	10158	6406	79401	35682	10	2	4	10	90	5.35	5.07	V
					2	2.5	1.0	10158	6406	55999	21706	10	2	4	24	135	2.23	2.11	V
					3	2.5	1.0	10158	6406	79591	35745	10	2	4	9	90	5.35	5.07	V
63	493	Piano 2	21	2	1	2.5	1.0	11536	6760	75379	34341	10	2	4	10	90	4.71	4.80	V
					2	2.5	1.0	11536	6760	51989	20370	10	2	4	24	135	1.96	2.00	V
					3	2.5	1.0	11536	6760	75606	34417	10	2	4	10	90	4.71	4.80	V
64	608	Piano 3	21	2	1	2.5	1.0	10556	4641	72758	34940	10	2	4	10	90	5.15	6.99	V
					2	2.5	1.0	10556	4641	49380	20973	10	2	4	24	100	2.15	2.91	V
					3	2.5	1.0	10556	4641	73022	35028	10	2	4	10	90	5.15	6.99	V
65	651	Piano 4	21	1	1	2.5	1.0	7132	3992	46820	26155	10	2	2	10	50	4.04	4.03	V
					2	2.5	1.0	7132	3992	34113	19061	10	2	2	25	150	1.62	1.61	V
					3	2.5	1.0	7132	3992	46927	26219	10	2	2	10	50	4.04	4.03	V
66	376	Piano 1	22	15	1	2.5	1.0	9034	7374	83645	34773	10	2	4	10	100	6.73	4.40	V
					2	2.5	1.0	9034	7374	57528	20804	10	2	4	24	115	2.80	1.83	V
					3	2.5	1.0	9034	7374	83924	34857	10	2	4	10	100	6.73	4.40	V
67	494	Piano 2	22	15	1	2.5	1.0	9886	7893	79488	33526	10	2	4	10	100	6.15	4.11	V
					2	2.5	1.0	9886	7893	53383	19560	10	2	4	24	115	2.56	1.71	V
					3	2.5	1.0	9886	7893	79802	33620	10	2	4	10	100	6.15	4.11	V
68	609	Piano 3	22	15	1	2.5	1.0	6466	5777	76362	34128	10	2	4	10	280	9.40	5.62	V
69	377	Piano 1	23	7	1	2.5	1.0	5414	7101	64998	31364	10	2	4	10	90	10.05	4.57	V
					2	2.5	1.0	5414	7101	41613	17393	10	2	4	24	145	4.19	1.90	V
					3	2.5	1.0	5414	7101	65239	31444	10	2	4	10	90	10.05	4.57	V
70	495	Piano 2	23	7	1	2.5	1.0	5435	7071	63907	30929	10	2	4	10	90	10.01	4.59	V
					2	2.5	1.0	5435	7071	40528	16961	10	2	4	24	135	4.17	1.91	V
					3	2.5	1.0	5435	7071	64167	31016	10	2	4	10	90	10.01	4.59	V
71	610	Piano 3	23	7	1	2.5	1.0	13072	4504	61628	31200	10	2	4	10	90	4.16	7.20	V
					2	2.5	1.0	13072	4504	38258	17234	10	2	4	24	100	1.73	3.00	V
					3	2.5	1.0	13072	4504	61914	31295	10	2	4	10	90	4.16	7.20	V

72	378	Piano 1	24	7	1	2.5	1.0	7073	6634	66200	31764	10	2	4	10	90	7.69	4.89	V
					2	2.5	1.0	7073	6634	42812	17793	10	2	4	24	145	3.20	2.04	V
					3	2.5	1.0	7073	6634	66431	31841	10	2	4	10	90	7.69	4.89	V
73	496	Piano 2	24	7	1	2.5	1.0	3649	6318	65396	31425	10	2	4	10	90	14.91	5.14	V
					2	2.5	1.0	3649	6318	42013	17456	10	2	4	24	135	6.21	2.14	V
					3	2.5	1.0	3649	6318	65645	31508	10	2	4	10	90	14.91	5.14	V
74	611	Piano 3	24	7	1	2.5	1.0	14564	3700	62685	31552	10	2	4	10	90	3.73	8.77	V
					2	2.5	1.0	14564	3700	39312	17586	10	2	4	24	100	1.56	3.65	V
					3	2.5	1.0	14564	3700	62965	31645	10	2	4	10	90	3.73	8.77	V
75	379	Piano 1	25	7	1	2.5	1.0	5911	7222	64882	31325	10	2	4	10	90	9.20	4.49	V
					2	2.5	1.0	5911	7222	41498	17355	10	2	4	24	145	3.83	1.87	V
					3	2.5	1.0	5911	7222	65124	31406	10	2	4	10	90	9.20	4.49	V
76	497	Piano 2	25	7	1	2.5	1.0	5422	7087	63777	30885	10	2	4	10	90	10.03	4.58	V
					2	2.5	1.0	5422	7087	40399	16917	10	2	4	24	135	4.18	1.91	V
					3	2.5	1.0	5422	7087	64039	30973	10	2	4	10	90	10.03	4.58	V
77	612	Piano 3	25	7	1	2.5	1.0	13269	4617	61562	31178	10	2	4	10	90	4.10	7.03	V
					2	2.5	1.0	13269	4617	38192	17213	10	2	4	24	100	1.71	2.93	V
					3	2.5	1.0	13269	4617	61849	31274	10	2	4	10	90	4.10	7.03	V
78	380	Piano 1	26	7	1	2.5	1.0	8812	6550	66451	31848	10	2	4	10	90	6.17	4.95	V
					2	2.5	1.0	8812	6550	43062	17876	10	2	4	24	145	2.57	2.06	V
					3	2.5	1.0	8812	6550	66680	31924	10	2	4	10	90	6.17	4.95	V
79	498	Piano 2	26	7	1	2.5	1.0	4302	6243	65725	31535	10	2	4	10	90	12.64	5.20	V
					2	2.5	1.0	4302	6243	42342	17565	10	2	4	24	135	5.27	2.17	V
					3	2.5	1.0	4302	6243	65971	31617	10	2	4	10	90	12.64	5.20	V
80	613	Piano 3	26	7	1	2.5	1.0	15662	3592	62937	31636	10	2	4	10	90	3.47	9.03	V
					2	2.5	1.0	15662	3592	39564	17670	10	2	4	24	100	1.45	3.76	V
					3	2.5	1.0	15662	3592	63215	31729	10	2	4	10	90	3.47	9.03	V
81	381	Piano 1	27	3	1	2.5	1.0	5386	4460	47909	32734	10	2	4	10	60	6.56	7.27	V
					2	2.5	1.0	5386	4460	32744	18771	10	2	4	24	195	2.73	3.03	V
					3	2.5	1.0	5386	4460	47999	32779	10	2	4	8	60	6.56	7.27	V
82	499	Piano 2	27	3	1	2.5	1.0	4645	4994	45991	31775	10	2	4	10	60	7.60	6.50	V
					2	2.5	1.0	4645	4994	30848	17822	10	2	4	24	195	3.17	2.71	V
					3	2.5	1.0	4645	4994	46109	31834	10	2	4	10	60	7.60	6.50	V
83	614	Piano 3	27	3	1	2.5	1.0	5001	3409	45407	32203	10	2	4	10	60	7.06	9.52	V
					2	2.5	1.0	5001	3409	30284	18260	10	2	4	24	160	2.94	3.97	V
					3	2.5	1.0	5001	3409	45552	32275	10	2	4	10	60	7.06	9.52	V
84	652	Piano 4	27	3	1	2.5	1.0	4868	2326	44793	33815	10	2	4	10	60	7.25	13.95	V
					2	2.5	1.0	4868	2326	29601	19838	10	2	4	24	120	3.02	5.81	V
					3	2.5	1.0	4868	2326	44913	33875	10	2	4	10	60	7.25	13.95	V
85	382	Piano 1	28	12	1	2.5	1.0	2649	2817	23892	16533	10	2	2	10	54	8.53	5.76	V
					2	2.5	1.0	2649	2817	14189	9565	10	2	2	24	217	3.55	2.40	V
					3	2.5	1.0	2649	2817	23946	16573	10	2	2	9	54	8.53	5.76	V
86	500	Piano 2	28	12	1	2.5	1.0	3726	2949	23171	15992	10	2	2	10	54	6.06	5.50	V
					2	2.5	1.0	3726	2949	13474	9028	10	2	2	24	217	2.53	2.29	V
					3	2.5	1.0	3726	2949	23233	16038	10	2	2	10	54	6.06	5.50	V
87	615	Piano 3	28	12	1	2.5	1.0	3772	1932	23657	16002	10	2	2	10	48	5.99	8.40	V
					2	2.5	1.0	3772	1932	13965	9042	10	2	2	24	193	2.49	3.50	V
					3	2.5	1.0	3772	1932	23725	16053	10	2	2	10	48	5.99	8.40	V
88	383	Piano 1	29	3	1	2.5	1.0	6321	4680	46086	31823	10	2	4	10	60	5.59	6.93	V
					2	2.5	1.0	6321	4680	30942	17870	10	2	4	24	195	2.33	2.89	V
					3	2.5	1.0	6321	4680	46203	31881	10	2	4	10	60	5.59	6.93	V
89	501	Piano 2	29	3	1	2.5	1.0	8087	5564	44551	31055	10	2	4	10	60	4.37	5.83	V
					2	2.5	1.0	8087	5564	29421	17109	10	2	4	24	195	1.82	2.43	V
					3	2.5	1.0	8087	5564	44687	31123	10	2	4	10	60	4.37	5.83	V
90	616	Piano 3	29	3	1	2.5	1.0	8204	4013	44914	31957	10	2	4	10	60	4.30	8.08	V
					2	2.5	1.0	8204	4013	29795	18016	10	2	4	24	160	1.79	3.37	V
					3	2.5	1.0	8204	4013	45064	32031	10	2	4	10	60	4.30	8.08	V
91	653	Piano 4	29	3	1	2.5	1.0	8194	3795	45115	33976	10	2	4	10	60	4.31	8.55	V
					2	2.5	1.0	8194	3795	29922	19999	10	2	4	24	120	1.80	3.56	V
					3	2.5	1.0	8194	3795	45233	34035	10	2	4	10	60	4.31	8.55	V
92	384	Piano 1	30	3	1	2.5	1.0	6453	4743	44193	31185	10	2	4	10	60	5.47	6.84	V
					2	2.5	1.0	6453	4743	29048	17231	10	2	4	24	195	2.28	2.85	V
					3	2.5	1.0	6453	4743	44309	31243	10	2	4	9	60	5.47	6.84	V
93	502	Piano 2	30	3	1	2.5	1.0	8156	5599	42780	30478	10	2	4	10	60	4.33	5.79	V
					2	2.5	1.0	8156	5599	27648	16531	10	2	4	24	195	1.80	2.41	V
					3	2.5	1.0	8156	5599	42914	30545	10	2	4	10	60	4.33	5.79	V
94	617	Piano 3	30	3	1	2.5	1.0	8027	4153	42719	31065	10	2	4	10	60	4.40	7.81	V
					2	2.5	1.0	8027	4153	27600	17124	10	2	4	24	160	1.83	3.26	V
					3	2.5	1.0	8027	4153	42869	31140	10	2	4	10	60	4.40	7.81	V
95	654	Piano 4	30	3	1	2.5	1.0	6877	3612	42331	32516	10	2	4	10	60	5.13	8.98	V
					2	2.5	1.0	6877	3612	27139	18539	10	2	4	24	120	2.14	3.74	V
					3	2.5	1.0	6877	3612	42452	32576	10	2	4	10	60	5.13	8.98	V
96	385	Piano 1	31	2	1	2.5	1.0	9010	7031	78038	35228	10	2	4	10	90	6.04	4.61	V
					2	2.5	1.0	9010	7031	54640	21253	10	2	4	24	135	2.52	1.92	V
					3	2.5	1.0	9010	7031	78241	35295	10	2	4	10	90	6.04	4.61	V
97	503	Piano 2	31	2	1	2.5	1.0	7800	7853	73995	33880	10	2	4	10	90	6.97	4.13	V
					2	2.5	1.0	7800	7853	50609	19910	10	2	4	24	135	2.91	1.72	V
					3	2.5	1.0	7800	7853	74234	33960	10	2	4	10	90	6.97	4.13	V
98	618	Piano 3	31	2	1	2.5	1.0	6081	5657	70671	34245	10	2	4	10	90	8.95	5.74	V
					2	2.5	1.0	6081	5657	47298	20278	10	2	4	24	100	3.73	2.39	V
					3	2.5	1.0	6081	5657	70949	34337	10	2	4	10	90	8.95	5.74	V
99	386	Piano 1	32	4	1	2.5	1.0	1145	2337	17966	17966	10	2	2	10	54	14.06	6.89	V
					2	2.5	1.0	1145	2337	10848	10848	10	2	2	25	217	5.62	2.75	V
					3	2.5	1.0	1145	2337	17998	17998	10	2	2	10	54	14.06	6.89	V
100	504	Piano 2	32	4	1	2.5	1.0	1465	2716	17659	17659	10	2	2	10	54	10.98	5.93	V
					2	2.5	1.0	1465	2716	10544	10544	10	2	2	25	217	4.39	2.37	V
					3	2.5	1.0	1465	2716	17695	17695	10	2	2	10	54	10.98	5.93	V
101	619	Piano 3	32	4	1	2.5	1.0	1474	1812	18047	18047	10	2	2	10	48	10.92	8.88	V
					2	2.5	1.0	1474	1812	10935	10935	10	2	2	25	193	4.37	3.55	V
					3	2.5	1.0	1474	1812	18087	18087	10	2	2	10	48	10.92	8.88	V
102	655	Piano 4	32	4	1	2.5	1.0	954	1289	21036	21036	10	2	2	10	45	16.87	12.49	V
					2	2.5	1.0	954	1289	13926	13926	10	2	2	25	150	6.75	5.00	V
					3	2.5	1.0	954	1289	21079	21079	10	2	2	10	45	16.87	12.49	V
103	387	Piano 1	33	4	1	2.5	1.0	1113	2382	17987	17987	10	2	2	10	54	14.47	6.76	V
					2	2.5	1.0	1113	2382	10869	10869	10	2	2	25	217	5.79	2.70	V

					3	2.5	1.0	1113	2382	18020	18020	10	2	2	10	54	14.47	6.76	V
104	505	Piano 2	33	4	1	2.5	1.0	1352	2756	17699	17699	10	2	2	10	54	11.91	5.84	V
					2	2.5	1.0	1352	2756	10584	10584	10	2	2	25	217	4.76	2.34	V
					3	2.5	1.0	1352	2756	17735	17735	10	2	2	10	54	11.91	5.84	V
105	620	Piano 3	33	4	1	2.5	1.0	1354	1920	18082	18082	10	2	2	10	48	11.89	8.38	V
					2	2.5	1.0	1354	1920	10969	10969	10	2	2	25	193	4.75	3.35	V
					3	2.5	1.0	1354	1920	18121	18121	10	2	2	10	48	11.89	8.38	V
106	656	Piano 4	33	4	1	2.5	1.0	911	1411	21088	21088	10	2	2	10	45	17.66	11.40	V
					2	2.5	1.0	911	1411	13977	13977	10	2	2	25	150	7.07	4.56	V
					3	2.5	1.0	911	1411	21130	21130	10	2	2	10	45	17.66	11.40	V
107	388	Piano 1	34	7	1	2.5	1.0	7000	7532	64719	31270	10	2	4	10	90	7.77	4.31	V
					2	2.5	1.0	7000	7532	41334	17300	10	2	4	24	145	3.24	1.79	V
					3	2.5	1.0	7000	7532	64962	31351	10	2	4	10	90	7.77	4.31	V
108	506	Piano 2	34	7	1	2.5	1.0	4776	7304	64085	30988	10	2	4	10	90	11.39	4.44	V
					2	2.5	1.0	4776	7304	40706	17020	10	2	4	24	135	4.74	1.85	V
					3	2.5	1.0	4776	7304	64345	31075	10	2	4	10	90	11.39	4.44	V
109	621	Piano 3	34	7	1	2.5	1.0	14412	4890	61789	31253	10	2	4	10	90	3.77	6.63	V
					2	2.5	1.0	14412	4890	38418	17288	10	2	4	24	100	1.57	2.76	V
					3	2.5	1.0	14412	4890	62074	31349	10	2	4	10	90	3.77	6.63	V
110	389	Piano 1	35	7	1	2.5	1.0	8826	6339	67639	32244	10	2	4	10	90	6.16	5.12	V
					2	2.5	1.0	8826	6339	44247	18271	10	2	4	24	145	2.57	2.13	V
					3	2.5	1.0	8826	6339	67858	32317	10	2	4	10	90	6.16	5.12	V
111	507	Piano 2	35	7	1	2.5	1.0	4416	6042	66371	31750	10	2	4	10	90	12.32	5.37	V
					2	2.5	1.0	4416	6042	42986	17780	10	2	4	24	135	5.13	2.24	V
					3	2.5	1.0	4416	6042	66612	31831	10	2	4	10	90	12.32	5.37	V
112	622	Piano 3	35	7	1	2.5	1.0	16479	3480	63144	31705	10	2	4	10	90	3.30	9.32	V
					2	2.5	1.0	16479	3480	39771	17739	10	2	4	24	100	1.38	3.88	V
					3	2.5	1.0	16479	3480	63421	31798	10	2	4	10	90	3.30	9.32	V
113	390	Piano 1	36	12	1	2.5	1.0	2553	3061	28176	19037	10	2	2	10	54	8.80	5.26	V
					2	2.5	1.0	2553	3061	18245	11920	10	2	2	25	217	3.52	2.10	V
					3	2.5	1.0	2553	3061	28222	19071	10	2	2	7	54	8.80	5.26	V
114	508	Piano 2	36	12	1	2.5	1.0	2711	3333	27298	18378	10	2	2	10	54	8.28	4.83	V
					2	2.5	1.0	2711	3333	17376	11269	10	2	2	25	217	3.31	1.93	V
					3	2.5	1.0	2711	3333	27355	18421	10	2	2	10	54	8.28	4.83	V
115	623	Piano 3	36	12	1	2.5	1.0	2951	2242	28165	18391	10	2	2	10	48	7.61	7.18	V
					2	2.5	1.0	2951	2242	18251	11288	10	2	2	25	193	3.04	2.87	V
					3	2.5	1.0	2951	2242	28233	18442	10	2	2	10	48	7.61	7.18	V
116	391	Piano 1	37	4	1	2.5	1.0	1491	2192	15934	15934	10	2	2	10	54	10.80	7.34	V
					2	2.5	1.0	1491	2192	8817	8817	10	2	2	25	217	4.32	2.94	V
					3	2.5	1.0	1491	2192	15968	15968	10	2	2	10	54	10.80	7.34	V
117	509	Piano 2	37	4	1	2.5	1.0	1932	2366	15604	15604	10	2	2	10	54	8.33	6.80	V
					2	2.5	1.0	1932	2366	8490	8490	10	2	2	25	217	3.33	2.72	V
					3	2.5	1.0	1932	2366	15641	15641	10	2	2	10	54	8.33	6.80	V
118	624	Piano 3	37	4	1	2.5	1.0	2034	1504	18137	18137	10	2	2	10	48	7.91	10.70	V
					2	2.5	1.0	2034	1504	11024	11024	10	2	2	25	193	3.17	4.28	V
					3	2.5	1.0	2034	1504	18176	18176	10	2	2	10	48	7.91	10.70	V
119	657	Piano 4	37	4	1	2.5	1.0	1284	1172	21167	21167	10	2	2	10	45	12.53	13.73	V
					2	2.5	1.0	1284	1172	14056	14056	10	2	2	25	150	5.01	5.49	V
					3	2.5	1.0	1284	1172	21208	21208	10	2	2	10	45	12.53	13.73	V
120	392	Piano 1	38	4	1	2.5	1.0	1316	2217	15784	15784	10	2	2	10	54	12.33	7.32	V
					2	2.5	1.0	1316	2217	8810	8810	10	2	2	24	217	5.14	3.05	V
					3	2.5	1.0	1316	2217	15816	15816	10	2	2	10	54	12.33	7.32	V
121	510	Piano 2	38	4	1	2.5	1.0	1635	2353	15472	15472	10	2	2	10	54	9.92	6.90	V
					2	2.5	1.0	1635	2353	8501	8501	10	2	2	24	217	4.14	2.87	V
					3	2.5	1.0	1635	2353	15508	15508	10	2	2	10	54	9.92	6.90	V
122	625	Piano 3	38	4	1	2.5	1.0	1712	1489	15640	15640	10	2	2	10	48	9.47	10.89	V
					2	2.5	1.0	1712	1489	8671	8671	10	2	2	24	193	3.95	4.54	V
					3	2.5	1.0	1712	1489	15679	15679	10	2	2	10	48	9.47	10.89	V
123	658	Piano 4	38	4	1	2.5	1.0	1118	1185	17480	17480	10	2	2	10	45	14.51	13.69	V
					2	2.5	1.0	1118	1185	10510	10510	10	2	2	24	150	6.05	5.71	V
					3	2.5	1.0	1118	1185	17519	17519	10	2	2	10	45	14.51	13.69	V
124	393	Piano 1	39	2	1	2.5	1.0	13249	7395	65037	31377	10	2	4	10	90	4.11	4.39	V
					2	2.5	1.0	13249	7395	41652	17406	10	2	4	24	145	1.71	1.83	V
					3	2.5	1.0	13249	7395	65278	31457	10	2	4	10	90	4.11	4.39	V
125	511	Piano 2	39	7	1	2.5	1.0	9857	7018	67881	31979	10	2	4	10	90	5.52	4.62	V
					2	2.5	1.0	9857	7018	44504	18012	10	2	4	24	135	2.30	1.93	V
					3	2.5	1.0	9857	7018	68149	32068	10	2	4	10	90	5.52	4.62	V
126	626	Piano 3	39	2	1	2.5	1.0	9991	4062	60760	30910	10	2	4	10	90	5.44	7.99	V
					2	2.5	1.0	9991	4062	37391	16946	10	2	4	24	100	2.27	3.33	V
					3	2.5	1.0	9991	4062	61052	31008	10	2	4	10	90	5.44	7.99	V
127	394	Piano 1	41	16	1	2.5	1.0	15277	4273	53434	33359	10	2	4	9	70	3.03	8.44	V
					2	2.5	1.0	15289	4273	33341	17665	10	2	4	22	175	1.24	3.45	V
					3	2.5	1.0	15295	4273	53621	33439	10	2	4	9	70	3.03	8.44	V
128	512	Piano 2	41	3	1	2.5	1.0	11082	3916	41755	29966	10	2	4	10	60	3.19	8.28	V
					2	2.5	1.0	11082	3916	26632	16023	10	2	4	24	195	1.33	3.45	V
					3	2.5	1.0	11082	3916	41901	30038	10	2	4	10	60	3.19	8.28	V
129	627	Piano 3	41	3	1	2.5	1.0	12984	2328	44746	33293	10	2	4	9	60	3.02	15.49	V
					2	2.5	1.0	12984	2328	27720	17599	10	2	4	22	160	1.24	6.34	V
					3	2.5	1.0	12984	2328	44904	33373	10	2	4	9	60	3.02	15.49	V
130	659	Piano 4	41	3	1	2.5	1.0	7235	2585	39629	31096	10	2	4	10	60	4.88	12.55	V
					2	2.5	1.0	7235	2585	24437	17119	10	2	4	24	120	2.03	5.23	V
					3	2.5	1.0	7235	2585	39751	31157	10	2	4	10	60	4.88	12.55	V
131	395	Piano 1	42	3	1	2.5	1.0	9067	2593	38305	28949	10	2	4	10	60	3.89	12.51	V
					2	2.5	1.0	9067	2593	23172	15001	10	2	4	24	205	1.62	5.21	V
					3	2.5	1.0	9067	2593	38437	29015	10	2	4	10	60	3.89	12.51	V
132	513	Piano 2	42	3	1	2.5	1.0	10440	2161	36979	28286	10	2	4	10	60	3.38	15.01	V
					2	2.5	1.0	10440	2161	21857	14344	10	2	4	24	205	1.41	6.26	V
					3	2.5	1.0	10440	2161	37125	28359	10	2	4	10	60	3.38	15.01	V
133	628	Piano 3	42	3	1	2.5	1.0	10630	1682	36448	28066	10	2	4	10	60	3.32	19.29	V
					2	2.5	1.0	10630	1682	21336	14129	10	2	4	24	170	1.38	8.04	V
					3	2.5	1.0	10630	1682	36608	28146	10	2	4	10	60	3.32	19.29	V
134	660	Piano 4	42	3	1	2.5	1.0	6786	1693	36565	29496	10	2	4	10	60	5.20	19.16	V
					2	2.5	1.0	6786	1693	21375	15520	10	2	4	24	120	2.17	7.99	V
					3	2.5	1.0	6786	1693	36691	29559	10	2	4	10	60	5.20	19.16	V
135	396	Piano 1	43	3	1	2.5	1.0	8134	4012	42859	30517	10	2	4	10	60	4.34	8.09	V

					2	2.5	1.0	8134	4012	27726	16570	10	2	4	24	195	1.81	3.37	V
					3	2.5	1.0	8134	4012	42991	30584	10	2	4	10	60	4.34	8.09	V
136	514	Piano 2	43	3	1	2.5	1.0	10373	4905	41565	29871	10	2	4	10	60	3.40	6.61	V
					2	2.5	1.0	10373	4905	26444	15929	10	2	4	24	195	1.42	2.76	V
					3	2.5	1.0	10373	4905	41712	29944	10	2	4	10	60	3.40	6.61	V
137	629	Piano 3	43	3	1	2.5	1.0	10929	3605	37295	28764	10	2	4	10	60	3.23	9.00	V
					2	2.5	1.0	10929	3605	22183	14827	10	2	4	24	160	1.35	3.75	V
					3	2.5	1.0	10929	3605	37455	28844	10	2	4	10	60	3.23	9.00	V
138	661	Piano 4	43	3	1	2.5	1.0	4461	3207	41576	32138	10	2	4	10	60	7.91	10.12	V
					2	2.5	1.0	4461	3207	26386	18162	10	2	4	24	120	3.30	4.22	V
					3	2.5	1.0	4461	3207	41701	32201	10	2	4	10	60	7.91	10.12	V
139	397	Piano 1	44	2	1	2.5	1.0	9120	5376	66863	31914	10	2	4	10	90	5.96	6.03	V
					2	2.5	1.0	9120	5376	43476	17943	10	2	4	24	135	2.49	2.51	V
					3	2.5	1.0	9120	5376	67100	31993	10	2	4	10	90	5.96	6.03	V
140	515	Piano 2	44	2	1	2.5	1.0	9726	6073	63895	30925	10	2	4	10	90	5.59	5.34	V
					2	2.5	1.0	9726	6073	40517	16957	10	2	4	24	135	2.33	2.23	V
					3	2.5	1.0	9726	6073	64156	31012	10	2	4	10	90	5.59	5.34	V
141	630	Piano 3	44	2	1	2.5	1.0	8206	4827	61280	31084	10	2	4	10	90	6.63	6.72	V
					2	2.5	1.0	8206	4827	37910	17119	10	2	4	24	100	2.76	2.80	V
					3	2.5	1.0	8206	4827	61568	31180	10	2	4	10	90	6.63	6.72	V
142	398	Piano 1	45	3	1	2.5	1.0	5239	4106	37085	28430	10	2	4	10	60	6.74	7.90	V
					2	2.5	1.0	5239	4106	21958	14486	10	2	4	24	215	2.81	3.29	V
					3	2.5	1.0	5239	4106	37225	28500	10	2	4	10	60	6.74	7.90	V
143	516	Piano 2	45	3	1	2.5	1.0	8999	4508	35350	27471	10	2	4	10	60	3.92	7.20	V
					2	2.5	1.0	8999	4508	20241	13536	10	2	4	24	205	1.63	3.00	V
					3	2.5	1.0	8999	4508	35514	27554	10	2	4	10	60	3.92	7.20	V
144	399	Piano 1	46	3	1	2.5	1.0	5471	3052	37002	28389	10	2	4	10	60	6.45	10.63	V
					2	2.5	1.0	5471	3052	21876	14445	10	2	4	24	215	2.69	4.43	V
					3	2.5	1.0	5471	3052	37143	28459	10	2	4	10	60	6.45	10.63	V
145	517	Piano 2	46	3	1	2.5	1.0	10044	3286	35509	27551	10	2	4	10	60	3.52	9.87	V
					2	2.5	1.0	10044	3286	20400	13615	10	2	4	24	205	1.46	4.11	V
					3	2.5	1.0	10044	3286	35672	27633	10	2	4	10	60	3.52	9.87	V
146	400	Piano 1	50	3	1	2.5	1.0	4896	2455	38559	29076	10	2	4	10	60	7.21	13.21	V
					2	2.5	1.0	4896	2455	23432	15132	10	2	4	24	205	3.00	5.51	V
					3	2.5	1.0	4896	2455	38700	29146	10	2	4	10	60	7.21	13.21	V
147	518	Piano 2	50	3	1	2.5	1.0	7552	1408	37082	28338	10	2	4	10	60	4.68	23.04	V
					2	2.5	1.0	7552	1408	21959	14395	10	2	4	24	205	1.95	9.60	V
					3	2.5	1.0	7552	1408	37227	28410	10	2	4	10	60	4.68	23.04	V
148	631	Piano 3	50	3	1	2.5	1.0	7028	735	36155	27920	10	2	4	10	60	5.02	44.13	V
					2	2.5	1.0	7028	735	21045	13984	10	2	4	24	170	2.09	18.39	V
					3	2.5	1.0	7028	735	36317	28001	10	2	4	10	60	5.02	44.13	V

4.3.1.1.10 Verifiche SLE - Stato Tensionale.

Pil. : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Comb : tipo di combinazione a cui la verifica è riferita;
Pos. : Posizione misurata lungo l'asse dell'asta
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;

Azioni Sollecitanti:
N_{sd} : Sforzo Normale Sollecitante;
M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Tensioni:
σ_c : tensioni d'esercizio del calcestruzzo;
σ_s : tensioni d'esercizio dell'acciaio;

Tensioni Limite:
$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
$\sigma_{s,lim}$: Tensioni limite dell'acciaio;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 13.I

								Azioni Sollecitanti			Tensioni		Tensioni Limite			
Pil	**Asta**	**Imp.**	**Filo**	**Tipo Sez.**	**Comb**	**Pos.**	**Cop [cm]**	**Nsd [daN]**	**Msdxz [daNm]**	**Msdxy [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	346	Piano 1	1	2	Caratt.	Testa	2.5	-24303	914	-1247	14.7	193.7	150.0	3600.0	10.24	V
						Piede	2.5	-26813	-374	-8033	29.0	392.4	150.0	3600.0	5.17	V
					Q.Perm.	Testa	2.5	-23963	706	-189	11.4	152.4	112.5	3600.0	9.91	V
						Piede	2.5	-26157	-508	-6732	25.9	349.2	112.5	3600.0	4.34	V
2	473	Piano 2	1	2	Caratt.	Testa	2.5	-15298	821	-1521	12.3	158.7	150.0	3600.0	12.20	V
						Piede	2.5	-17407	-892	3650	18.9	244.0	150.0	3600.0	7.95	V
					Q.Perm.	Testa	2.5	-14423	755	-1367	11.3	146.2	112.5	3600.0	9.95	V

						Piede	2.5	-16617	-813	3135	16.7	216.6	112.5	3600.0	6.74	V
3	588	Piano 3	1	2	Caratt.	Testa	2.5	-5638	925	-2679	16.9	-241.9	150.0	3600.0	8.85	V
						Piede	2.5	-7541	-669	2019	12.0	148.7	150.0	3600.0	12.48	V
					Q.Perm.	Testa	2.5	-5150	809	-2411	15.0	-212.1	112.5	3600.0	7.48	V
						Piede	2.5	-7107	-614	1751	10.7	132.3	112.5	3600.0	10.54	V
4	347	Piano 1	2	3	Caratt.	Testa	2.5	-32405	-27	1254	20.7	296.6	150.0	3600.0	7.25	V
						Piede	2.5	-33868	402	-980	23.3	324.7	150.0	3600.0	6.43	V
					Q.Perm.	Testa	2.5	-32020	43	830	18.8	271.4	112.5	3600.0	6.00	V
						Piede	2.5	-33482	279	-423	19.6	279.5	112.5	3600.0	5.73	V
5	474	Piano 2	2	3	Caratt.	Testa	2.5	-19870	100	1388	16.1	224.4	150.0	3600.0	9.29	V
						Piede	2.5	-21333	-196	-1494	18.1	248.9	150.0	3600.0	8.29	V
					Q.Perm.	Testa	2.5	-19669	105	830	13.6	191.8	112.5	3600.0	8.27	V
						Piede	2.5	-21131	-174	-947	15.4	214.7	112.5	3600.0	7.31	V
6	589	Piano 3	2	3	Caratt.	Testa	2.5	-8191	338	1153	12.7	162.1	150.0	3600.0	11.80	V
						Piede	2.5	-10057	-190	-822	9.9	132.8	150.0	3600.0	15.17	V
					Q.Perm.	Testa	2.5	-8064	323	818	10.4	134.2	112.5	3600.0	10.81	V
						Piede	2.5	-9369	-165	-654	8.6	116.3	112.5	3600.0	13.07	V
7	348	Piano 1	3	3	Caratt.	Testa	2.5	-28323	313	242	16.7	236.8	150.0	3600.0	8.96	V
						Piede	2.5	-28649	524	-479	19.7	271.2	150.0	3600.0	7.60	V
					Q.Perm.	Testa	2.5	-26813	200	230	15.0	215.6	112.5	3600.0	7.48	V
						Piede	2.5	-28275	371	-24	16.2	229.2	112.5	3600.0	6.93	V
8	475	Piano 2	3	3	Caratt.	Testa	2.5	-16826	428	692	14.4	193.2	150.0	3600.0	10.39	V
						Piede	2.5	-18288	-589	-610	16.1	213.0	150.0	3600.0	9.31	V
					Q.Perm.	Testa	2.5	-16587	398	119	11.5	156.5	112.5	3600.0	9.76	V
						Piede	2.5	-18050	-528	-39	12.9	173.7	112.5	3600.0	8.69	V
9	590	Piano 3	3	3	Caratt.	Testa	2.5	-6737	785	387	13.5	155.8	150.0	3600.0	11.10	V
						Piede	2.5	-8496	-573	-200	9.9	123.0	150.0	3600.0	15.21	V
					Q.Perm.	Testa	2.5	-6619	741	-37	10.6	121.4	112.5	3600.0	10.59	V
						Piede	2.5	-7924	-490	3	7.8	98.7	112.5	3600.0	14.35	V
10	349	Piano 1	4	1	Caratt.	Testa	2.5	-17471	941	573	19.4	245.7	150.0	3600.0	7.73	V
						Piede	2.5	-15447	219	615	12.4	167.9	150.0	3600.0	12.14	V
					Q.Perm.	Testa	2.5	-16413	766	516	17.0	217.7	112.5	3600.0	6.62	V
						Piede	2.5	-14472	289	455	11.6	156.8	112.5	3600.0	9.67	V
11	476	Piano 2	4	1	Caratt.	Testa	2.5	-22875	1585	-207	25.7	318.6	150.0	3600.0	5.85	V
						Piede	2.5	-24287	-1550	-232	26.0	325.6	150.0	3600.0	5.77	V
					Q.Perm.	Testa	2.5	-21329	1415	-177	23.2	289.5	112.5	3600.0	4.85	V
						Piede	2.5	-22548	-1364	-34	22.4	282.2	112.5	3600.0	5.03	V
12	591	Piano 3	4	1	Caratt.	Testa	2.5	-9744	2159	-496	34.6	-416.2	150.0	3600.0	4.34	V
						Piede	2.5	-10832	-1903	473	31.1	338.9	150.0	3600.0	4.82	V
					Q.Perm.	Testa	2.5	-8957	1936	-451	31.1	-368.0	112.5	3600.0	3.62	V
						Piede	2.5	-10044	-1706	430	28.0	306.5	112.5	3600.0	4.02	V
13	353	Piano 1	5	17	Caratt.	Testa	2.5	-17254	1298	772	13.3	165.3	150.0	3600.0	11.30	V
						Piede	2.5	-10584	898	-417	8.7	106.6	150.0	3600.0	17.25	V
					Q.Perm.	Testa	2.5	-16103	1096	762	11.7	147.8	112.5	3600.0	9.59	V
						Piede	2.5	-10008	747	-384	7.5	93.6	112.5	3600.0	14.97	V
14	477	Piano 2	5	2	Caratt.	Testa	2.5	-29489	2358	-1011	22.9	282.9	150.0	3600.0	6.54	V
						Piede	2.5	-31561	-2263	2030	24.9	312.8	150.0	3600.0	6.02	V
					Q.Perm.	Testa	2.5	-27536	2103	-1006	20.9	259.4	112.5	3600.0	5.39	V
						Piede	2.5	-29730	-2006	1902	22.6	285.8	112.5	3600.0	4.97	V
15	592	Piano 3	5	2	Caratt.	Testa	2.5	-12496	3467	-835	32.1	-496.5	150.0	3600.0	4.67	V
						Piede	2.5	-14440	-2932	810	27.8	-349.6	150.0	3600.0	5.40	V
					Q.Perm.	Testa	2.5	-11497	3093	-853	29.1	-441.4	112.5	3600.0	3.87	V
						Piede	2.5	-13454	-2606	631	24.4	-295.0	112.5	3600.0	4.61	V
16	357	Piano 1	6	2	Caratt.	Testa	2.5	-17273	1168	581	12.0	151.5	150.0	3600.0	12.46	V
						Piede	2.5	-9783	681	1104	8.7	109.8	150.0	3600.0	17.28	V
					Q.Perm.	Testa	2.5	-16360	992	535	10.7	135.9	112.5	3600.0	10.53	V
						Piede	2.5	-9991	504	799	6.9	89.6	112.5	3600.0	16.29	V
17	478	Piano 2	6	2	Caratt.	Testa	2.5	-19743	1952	290	18.4	217.6	150.0	3600.0	8.15	V
						Piede	2.5	-21861	-2023	2427	24.9	304.4	150.0	3600.0	6.02	V
					Q.Perm.	Testa	2.5	-18542	1816	-84	16.7	196.6	112.5	3600.0	6.75	V
						Piede	2.5	-20736	-1841	2336	23.1	283.3	112.5	3600.0	4.88	V
18	593	Piano 3	6	2	Caratt.	Testa	2.5	-7580	2364	343	21.0	-345.9	150.0	3600.0	7.15	V
						Piede	2.5	-9537	-2130	-1069	21.8	-296.5	150.0	3600.0	6.89	V
					Q.Perm.	Testa	2.5	-6969	2138	264	18.8	-308.3	112.5	3600.0	5.98	V
						Piede	2.5	-8927	-1934	-1035	20.0	-267.3	112.5	3600.0	5.63	V
19	361	Piano 1	7	2	Caratt.	Testa	2.5	-35570	1760	-1266	21.3	275.6	150.0	3600.0	7.05	V
						Piede	2.5	-37760	-1434	-8492	36.1	475.5	150.0	3600.0	4.16	V
					Q.Perm.	Testa	2.5	-32900	1485	-671	18.0	234.7	112.5	3600.0	6.24	V
						Piede	2.5	-35094	-1474	-7370	33.1	434.1	112.5	3600.0	3.40	V
20	479	Piano 2	7	2	Caratt.	Testa	2.5	-20526	1669	-1476	17.9	221.9	150.0	3600.0	8.38	V
						Piede	2.5	-22698	-1691	2124	19.9	249.3	150.0	3600.0	7.55	V
					Q.Perm.	Testa	2.5	-18927	1444	-1072	15.2	189.3	112.5	3600.0	7.41	V
						Piede	2.5	-21121	-1476	1763	17.3	218.6	112.5	3600.0	6.49	V
21	594	Piano 3	7	2	Caratt.	Testa	2.5	-7979	1088	-3476	20.9	-280.1	150.0	3600.0	7.19	V
						Piede	2.5	-9893	-1254	2462	18.6	221.8	150.0	3600.0	8.06	V
					Q.Perm.	Testa	2.5	-7336	954	-3058	18.3	-238.8	112.5	3600.0	6.16	V
						Piede	2.5	-9293	-1120	2011	15.9	190.6	112.5	3600.0	7.06	V
22	362	Piano 1	8	3	Caratt.	Testa	2.5	-50036	266	680	28.3	406.9	150.0	3600.0	5.31	V
						Piede	2.5	-51537	86	-308	25.8	380.2	150.0	3600.0	5.82	V
					Q.Perm.	Testa	2.5	-45753	165	566	24.9	362.0	112.5	3600.0	4.51	V
						Piede	2.5	-47215	27	-30	22.0	329.4	112.5	3600.0	5.10	V
23	480	Piano 2	8	3	Caratt.	Testa	2.5	-32168	332	2159	25.0	343.5	150.0	3600.0	6.00	V
						Piede	2.5	-33631	-322	-2443	26.7	366.8	150.0	3600.0	5.62	V
					Q.Perm.	Testa	2.5	-29415	275	1585	21.0	291.5	112.5	3600.0	5.35	V
						Piede	2.5	-30877	-263	-1845	22.6	313.4	112.5	3600.0	4.97	V
24	595	Piano 3	8	3	Caratt.	Testa	2.5	-15341	-68	2268	18.3	246.9	150.0	3600.0	8.20	V
						Piede	2.5	-16646	-187	-1853	17.6	237.4	150.0	3600.0	8.54	V
					Q.Perm.	Testa	2.5	-14077	-61	1882	15.6	212.0	112.5	3600.0	7.20	V
						Piede	2.5	-15382	-148	-1521	15.1	205.4	112.5	3600.0	7.46	V
25	363	Piano 1	9	3	Caratt.	Testa	2.5	-34453	-394	160	18.2	258.3	150.0	3600.0	8.24	V
						Piede	2.5	-35566	433	794	21.6	301.7	150.0	3600.0	6.95	V
					Q.Perm.	Testa	2.5	-31276	-286	120	15.9	227.4	112.5	3600.0	7.08	V
						Piede	2.5	-32739	321	721	19.2	270.9	112.5	3600.0	5.85	V
26	481	Piano 2	9	3	Caratt.	Testa	2.5	-22620	-205	1616	17.8	244.4	150.0	3600.0	8.45	V
						Piede	2.5	-24082	237	-1928	19.9	272.6	150.0	3600.0	7.54	V

					Q.Perm.	Testa	2.5	-20484	-203	1240	15.3	211.0	112.5	3600.0	7.36	V
						Piede	2.5	-21946	237	-1512	17.3	237.3	112.5	3600.0	6.51	V
27	596	Piano 3	9	3	Caratt.	Testa	2.5	-10423	-327	2001	18.8	239.3	150.0	3600.0	7.98	V
						Piede	2.5	-11724	257	-1411	14.2	187.2	150.0	3600.0	10.59	V
					Q.Perm.	Testa	2.5	-9406	-309	1676	16.2	206.2	112.5	3600.0	6.96	V
						Piede	2.5	-10711	250	-1205	12.6	166.8	112.5	3600.0	8.91	V
28	364	Piano 1	10	2	Caratt.	Testa	2.5	-34522	706	3161	19.1	261.9	150.0	3600.0	7.85	V
						Piede	2.5	-36482	-914	-14277	49.0	648.6	150.0	3600.0	3.06	V
					Q.Perm.	Testa	2.5	-31472	792	2609	17.7	239.9	112.5	3600.0	6.36	V
						Piede	2.5	-33666	-1027	-12563	44.8	589.7	112.5	3600.0	2.51	V
29	482	Piano 2	10	2	Caratt.	Testa	2.5	-20003	395	-767	9.0	124.6	150.0	3600.0	16.57	V
						Piede	2.5	-20993	-557	860	10.3	139.7	150.0	3600.0	14.54	V
					Q.Perm.	Testa	2.5	-18424	449	-495	8.4	114.0	112.5	3600.0	13.43	V
						Piede	2.5	-20618	-547	515	9.5	129.1	112.5	3600.0	11.80	V
30	597	Piano 3	10	2	Caratt.	Testa	2.5	-7787	779	-2579	14.9	182.9	150.0	3600.0	10.07	V
						Piede	2.5	-9695	-333	2056	9.3	123.6	150.0	3600.0	16.07	V
					Q.Perm.	Testa	2.5	-7154	762	-2235	13.6	166.4	112.5	3600.0	8.24	V
						Piede	2.5	-9111	-397	1651	8.6	112.4	112.5	3600.0	13.10	V
31	365	Piano 1	11	3	Caratt.	Testa	2.5	-46267	-592	1004	30.7	428.3	150.0	3600.0	4.88	V
						Piede	2.5	-47729	371	-452	27.1	387.5	150.0	3600.0	5.54	V
					Q.Perm.	Testa	2.5	-42282	-458	676	26.3	370.4	112.5	3600.0	4.28	V
						Piede	2.5	-43745	267	-100	22.8	330.9	112.5	3600.0	4.93	V
32	483	Piano 2	11	3	Caratt.	Testa	2.5	-33057	-773	2148	31.3	418.3	150.0	3600.0	4.79	V
						Piede	2.5	-34519	778	-2277	32.6	436.0	150.0	3600.0	4.61	V
					Q.Perm.	Testa	2.5	-30182	-644	1615	26.5	356.8	112.5	3600.0	4.25	V
						Piede	2.5	-31645	651	-1743	27.8	374.7	112.5	3600.0	4.05	V
33	598	Piano 3	11	3	Caratt.	Testa	2.5	-15602	-408	2648	24.6	317.4	150.0	3600.0	6.10	V
						Piede	2.5	-16907	647	-2193	24.4	313.3	150.0	3600.0	6.15	V
					Q.Perm.	Testa	2.5	-14300	-355	2230	20.9	272.0	112.5	3600.0	5.38	V
						Piede	2.5	-15605	550	-1827	20.8	268.6	112.5	3600.0	5.42	V
34	366	Piano 1	12	2	Caratt.	Testa	2.5	-36667	-250	-1251	14.7	211.0	150.0	3600.0	10.19	V
						Piede	2.5	-38861	238	4505	21.7	306.0	150.0	3600.0	6.92	V
					Q.Perm.	Testa	2.5	-33755	-125	-1183	13.0	189.1	112.5	3600.0	8.63	V
						Piede	2.5	-35949	110	4179	19.5	277.0	112.5	3600.0	5.78	V
35	484	Piano 2	12	3	Caratt.	Testa	2.5	-25265	-88	707	13.2	189.2	150.0	3600.0	11.36	V
						Piede	2.5	-26710	104	-845	14.4	205.6	150.0	3600.0	10.41	V
					Q.Perm.	Testa	2.5	-22988	-80	438	11.2	162.2	112.5	3600.0	10.01	V
						Piede	2.5	-24451	87	-587	12.4	178.5	112.5	3600.0	9.06	V
36	599	Piano 3	12	3	Caratt.	Testa	2.5	-11666	-78	873	9.1	125.9	150.0	3600.0	16.47	V
						Piede	2.5	-12971	99	-643	8.9	123.8	150.0	3600.0	16.91	V
					Q.Perm.	Testa	2.5	-10573	-63	618	7.5	104.4	112.5	3600.0	15.02	V
						Piede	2.5	-11878	81	-482	7.6	107.1	112.5	3600.0	14.76	V
37	367	Piano 1	13	1	Caratt.	Testa	2.5	-69353	-306	-482	32.9	477.0	150.0	3600.0	4.55	V
						Piede	2.5	-70572	149	791	33.9	492.4	150.0	3600.0	4.42	V
					Q.Perm.	Testa	2.5	-63525	-228	-418	29.7	431.6	112.5	3600.0	3.79	V
						Piede	2.5	-64744	83	691	30.6	445.7	112.5	3600.0	3.68	V
38	485	Piano 2	13	1	Caratt.	Testa	2.5	-45411	-344	-210	22.0	316.1	150.0	3600.0	6.81	V
						Piede	2.5	-46629	386	244	23.0	328.7	150.0	3600.0	6.52	V
					Q.Perm.	Testa	2.5	-41598	-326	-195	20.3	290.5	112.5	3600.0	5.55	V
						Piede	2.5	-42817	364	227	21.2	302.7	112.5	3600.0	5.31	V
39	600	Piano 3	13	1	Caratt.	Testa	2.5	-22128	-427	128	12.7	174.4	150.0	3600.0	11.82	V
						Piede	2.5	-23215	381	-79	12.6	174.7	150.0	3600.0	11.94	V
					Q.Perm.	Testa	2.5	-20292	-411	-28	11.3	155.8	112.5	3600.0	9.94	V
						Piede	2.5	-21380	370	45	11.6	160.5	112.5	3600.0	9.74	V
40	368	Piano 1	14	2	Caratt.	Testa	2.5	-85573	-269	-1501	26.8	392.3	150.0	3600.0	5.60	V
						Piede	2.5	-87767	7	3108	28.9	425.1	150.0	3600.0	5.19	V
					Q.Perm.	Testa	2.5	-78996	-177	-1182	24.0	353.8	112.5	3600.0	4.68	V
						Piede	2.5	-81189	-69	2541	26.4	388.7	112.5	3600.0	4.25	V
41	486	Piano 2	14	2	Caratt.	Testa	2.5	-56451	-425	-1184	19.2	276.1	150.0	3600.0	7.80	V
						Piede	2.5	-58591	418	1335	20.0	287.8	150.0	3600.0	7.49	V
					Q.Perm.	Testa	2.5	-52058	-406	-1097	17.8	255.4	112.5	3600.0	6.32	V
						Piede	2.5	-54252	457	1184	18.8	268.9	112.5	3600.0	5.98	V
42	601	Piano 3	14	2	Caratt.	Testa	2.5	-27602	-628	-563	11.4	156.2	150.0	3600.0	13.12	V
						Piede	2.5	-29560	530	181	10.8	150.1	150.0	3600.0	13.86	V
					Q.Perm.	Testa	2.5	-25350	-619	-595	10.8	147.4	112.5	3600.0	10.38	V
						Piede	2.5	-27307	524	228	10.3	141.9	112.5	3600.0	10.96	V
43	369	Piano 1	15	2	Caratt.	Testa	2.5	-60517	-163	-1818	19.8	288.5	150.0	3600.0	7.58	V
						Piede	2.5	-62227	-60	8957	32.1	456.6	150.0	3600.0	4.67	V
					Q.Perm.	Testa	2.5	-56279	-127	-1330	17.7	258.7	112.5	3600.0	6.37	V
						Piede	2.5	-58473	-122	8016	29.8	422.9	112.5	3600.0	3.77	V
44	487	Piano 2	15	2	Caratt.	Testa	2.5	-38181	-311	-560	12.4	178.3	150.0	3600.0	12.06	V
						Piede	2.5	-40664	367	-1335	14.7	208.8	150.0	3600.0	10.20	V
					Q.Perm.	Testa	2.5	-35594	-304	-496	11.6	166.3	112.5	3600.0	9.68	V
						Piede	2.5	-37788	358	-706	12.8	182.5	112.5	3600.0	8.78	V
45	602	Piano 3	15	2	Caratt.	Testa	2.5	-16891	-593	-131	7.6	101.3	150.0	3600.0	19.61	V
						Piede	2.5	-18849	501	-87	7.6	103.4	150.0	3600.0	19.62	V
					Q.Perm.	Testa	2.5	-15493	-559	-137	7.1	94.1	112.5	3600.0	15.80	V
						Piede	2.5	-17450	479	-57	7.1	96.0	112.5	3600.0	15.82	V
46	370	Piano 1	16	7	Caratt.	Testa	2.5	-39477	835	-2292	20.8	284.5	150.0	3600.0	7.22	V
						Piede	2.5	-41657	-763	-8414	34.2	465.8	150.0	3600.0	4.38	V
					Q.Perm.	Testa	2.5	-36862	813	-2112	19.5	266.8	112.5	3600.0	5.76	V
						Piede	2.5	-39056	-843	-7285	31.3	425.0	112.5	3600.0	3.59	V
47	488	Piano 2	16	7	Caratt.	Testa	2.5	-30250	799	-1469	16.2	219.5	150.0	3600.0	9.24	V
						Piede	2.5	-32284	-817	-5341	25.0	337.4	150.0	3600.0	6.00	V
					Q.Perm.	Testa	2.5	-28229	769	-1141	14.8	200.1	112.5	3600.0	7.59	V
						Piede	2.5	-30423	-785	-4549	22.5	304.0	112.5	3600.0	5.00	V
48	603	Piano 3	16	7	Caratt.	Testa	2.5	-13685	645	-14173	51.7	-1092.1	150.0	3600.0	2.90	V
						Piede	2.5	-15627	-626	13113	48.1	-937.9	150.0	3600.0	3.12	V
					Q.Perm.	Testa	2.5	-12591	642	-12959	47.8	-1002.4	112.5	3600.0	2.35	V
						Piede	2.5	-14549	-598	11990	44.2	-853.8	112.5	3600.0	2.54	V
49	371	Piano 1	17	7	Caratt.	Testa	2.5	-46457	147	1840	18.2	264.3	150.0	3600.0	8.23	V
						Piede	2.5	-48651	-97	1415	17.8	260.1	150.0	3600.0	8.44	V
					Q.Perm.	Testa	2.5	-43025	75	1688	16.5	240.9	112.5	3600.0	6.81	V
						Piede	2.5	-45219	-27	1174	15.9	234.4	112.5	3600.0	7.08	V
50	489	Piano 2	17	7	Caratt.	Testa	2.5	-38862	71	4135	20.0	286.6	150.0	3600.0	7.49	V

						Piede	2.5	-40939	-70	2015	16.5	239.9	150.0	3600.0	9.09	V
					Q.Perm.	Testa	2.5	-35722	71	3567	18.0	257.6	112.5	3600.0	6.25	V
						Piede	2.5	-37916	-57	1832	15.2	220.8	112.5	3600.0	7.41	V
51	604	Piano 3	17	7	Caratt.	Testa	2.5	-18305	121	16886	55.3	-1179.6	150.0	3600.0	2.71	V
						Piede	2.5	-20222	-107	-13726	45.2	-828.6	150.0	3600.0	3.32	V
					Q.Perm.	Testa	2.5	-16752	127	15356	50.4	-1071.8	112.5	3600.0	2.23	V
						Piede	2.5	-18710	-101	-12551	41.4	-752.8	112.5	3600.0	2.72	V
52	372	Piano 1	18	7	Caratt.	Testa	2.5	-41217	279	-3484	20.6	291.9	150.0	3600.0	7.28	V
						Piede	2.5	-43411	-305	-8958	33.0	458.2	150.0	3600.0	4.55	V
					Q.Perm.	Testa	2.5	-38434	333	-3151	19.4	273.8	112.5	3600.0	5.79	V
						Piede	2.5	-40627	-363	-7770	29.8	413.5	112.5	3600.0	3.78	V
53	490	Piano 2	18	7	Caratt.	Testa	2.5	-31096	288	-800	12.4	176.4	150.0	3600.0	12.11	V
						Piede	2.5	-33134	-296	-6503	24.7	342.7	150.0	3600.0	6.07	V
					Q.Perm.	Testa	2.5	-29008	292	-475	11.2	158.7	112.5	3600.0	10.09	V
						Piede	2.5	-31201	-304	-5631	22.2	308.5	112.5	3600.0	5.06	V
54	605	Piano 3	18	7	Caratt.	Testa	2.5	-13865	129	-13829	45.5	-997.5	150.0	3600.0	3.30	V
						Piede	2.5	-15811	-106	13453	44.2	-910.1	150.0	3600.0	3.40	V
					Q.Perm.	Testa	2.5	-12788	142	-12622	41.8	-909.7	112.5	3600.0	2.69	V
						Piede	2.5	-14745	-110	12219	40.3	-818.4	112.5	3600.0	2.79	V
55	373	Piano 1	19	7	Caratt.	Testa	2.5	-51226	-134	774	17.5	256.8	150.0	3600.0	8.58	V
						Piede	2.5	-53355	90	2489	21.2	309.0	150.0	3600.0	7.06	V
					Q.Perm.	Testa	2.5	-47382	-96	540	15.7	231.3	112.5	3600.0	7.17	V
						Piede	2.5	-49576	106	1945	19.1	278.7	112.5	3600.0	5.88	V
56	491	Piano 2	19	7	Caratt.	Testa	2.5	-42154	-136	4355	21.8	310.9	150.0	3600.0	6.88	V
						Piede	2.5	-44304	135	1781	17.4	252.5	150.0	3600.0	8.62	V
					Q.Perm.	Testa	2.5	-38845	-117	3695	19.4	277.5	112.5	3600.0	5.79	V
						Piede	2.5	-41038	135	1464	15.8	229.5	112.5	3600.0	7.12	V
57	606	Piano 3	19	7	Caratt.	Testa	2.5	-19965	-165	16346	54.0	-1090.9	150.0	3600.0	2.78	V
						Piede	2.5	-21923	145	-13192	43.9	-741.7	150.0	3600.0	3.42	V
					Q.Perm.	Testa	2.5	-18313	-148	14869	49.1	-988.3	112.5	3600.0	2.29	V
						Piede	2.5	-20271	129	-12085	40.1	-674.7	112.5	3600.0	2.80	V
58	374	Piano 1	20	3	Caratt.	Testa	2.5	-69713	161	-240	28.5	421.0	150.0	3600.0	5.25	V
						Piede	2.5	-71176	-66	623	29.9	441.3	150.0	3600.0	5.01	V
					Q.Perm.	Testa	2.5	-64062	151	-189	26.1	385.5	112.5	3600.0	4.31	V
						Piede	2.5	-65525	-63	519	27.4	403.7	112.5	3600.0	4.11	V
59	492	Piano 2	20	1	Caratt.	Testa	2.5	-46135	125	-924	24.5	349.3	150.0	3600.0	6.13	V
						Piede	2.5	-47354	-147	1141	26.2	371.9	150.0	3600.0	5.72	V
					Q.Perm.	Testa	2.5	-42445	109	-820	22.3	319.1	112.5	3600.0	5.04	V
						Piede	2.5	-43664	-128	1017	23.9	340.2	112.5	3600.0	4.70	V
60	607	Piano 3	20	1	Caratt.	Testa	2.5	-22912	14	-1289	16.1	222.0	150.0	3600.0	9.33	V
						Piede	2.5	-24007	-73	888	14.9	207.9	150.0	3600.0	10.08	V
					Q.Perm.	Testa	2.5	-21208	10	-1114	14.5	200.3	112.5	3600.0	7.78	V
						Piede	2.5	-22296	-60	791	13.6	190.4	112.5	3600.0	8.28	V
61	650	Piano 4	20	1	Caratt.	Testa	2.5	-750	1530	1145	20.7	-308.9	150.0	3600.0	7.25	V
						Piede	2.5	-1669	-671	-639	10.3	-130.5	150.0	3600.0	14.56	V
					Q.Perm.	Testa	2.5	-948	1372	845	17.3	-253.1	112.5	3600.0	6.52	V
						Piede	2.5	-1867	-599	-445	8.4	-97.7	112.5	3600.0	13.43	V
62	375	Piano 1	21	2	Caratt.	Testa	2.5	-76195	475	2486	27.0	388.2	150.0	3600.0	5.55	V
						Piede	2.5	-79201	-341	1317	25.1	366.2	150.0	3600.0	5.97	V
					Q.Perm.	Testa	2.5	-70528	438	1932	24.4	350.6	112.5	3600.0	4.62	V
						Piede	2.5	-72722	-319	992	22.7	331.4	112.5	3600.0	4.95	V
63	493	Piano 2	21	2	Caratt.	Testa	2.5	-52764	539	383	17.4	248.4	150.0	3600.0	8.61	V
						Piede	2.5	-55233	-517	1591	20.1	285.4	150.0	3600.0	7.48	V
					Q.Perm.	Testa	2.5	-48373	453	-312	15.7	224.7	112.5	3600.0	7.17	V
						Piede	2.5	-50567	-442	1477	18.2	260.1	112.5	3600.0	6.17	V
64	608	Piano 3	21	2	Caratt.	Testa	2.5	-30811	254	2830	14.4	202.7	150.0	3600.0	10.43	V
						Piede	2.5	-32735	-427	-1800	14.0	195.3	150.0	3600.0	10.75	V
					Q.Perm.	Testa	2.5	-27642	226	2153	12.2	172.7	112.5	3600.0	9.21	V
						Piede	2.5	-29599	-371	-1468	12.3	172.1	112.5	3600.0	9.17	V
65	651	Piano 4	21	1	Caratt.	Testa	2.5	-10789	5406	-2457	63.2	-807.3	150.0	3600.0	2.37	V
						Piede	2.5	-11708	-2105	-606	23.9	266.7	150.0	3600.0	6.27	V
					Q.Perm.	Testa	2.5	-9118	4549	-1957	52.4	-667.8	112.5	3600.0	2.15	V
						Piede	2.5	-10037	-1783	-548	20.5	229.3	112.5	3600.0	5.49	V
66	376	Piano 1	22	15	Caratt.	Testa	2.5	-49522	287	448	14.2	206.5	150.0	3600.0	10.55	V
						Piede	2.5	-51094	-268	7620	24.8	351.7	150.0	3600.0	6.05	V
					Q.Perm.	Testa	2.5	-45703	223	276	12.7	185.9	112.5	3600.0	8.84	V
						Piede	2.5	-48141	-252	6859	22.9	325.1	112.5	3600.0	4.91	V
67	494	Piano 2	22	15	Caratt.	Testa	2.5	-30146	175	-2179	11.4	163.0	150.0	3600.0	13.17	V
						Piede	2.5	-32668	-193	3146	13.5	192.2	150.0	3600.0	11.13	V
					Q.Perm.	Testa	2.5	-28130	166	-1964	10.5	150.9	112.5	3600.0	10.67	V
						Piede	2.5	-30568	-157	2793	12.3	175.7	112.5	3600.0	9.15	V
68	609	Piano 3	22	15	Caratt.	Testa	2.5	-12709	109	-3441	9.0	124.8	150.0	3600.0	16.68	V
						Piede	2.5	-15018	-117	1798	6.8	96.6	150.0	3600.0	21.97	V
					Q.Perm.	Testa	2.5	-11597	89	-3209	8.3	115.1	112.5	3600.0	13.58	V
						Piede	2.5	-13772	-63	1580	6.0	85.1	112.5	3600.0	18.87	V
69	377	Piano 1	23	7	Caratt.	Testa	2.5	-41204	-86	-3121	18.8	271.2	150.0	3600.0	7.97	V
						Piede	2.5	-43384	0	-9476	32.4	455.5	150.0	3600.0	4.63	V
					Q.Perm.	Testa	2.5	-38447	26	-3005	17.5	252.4	112.5	3600.0	6.44	V
						Piede	2.5	-40641	-28	-8217	28.8	406.4	112.5	3600.0	3.90	V
70	495	Piano 2	23	7	Caratt.	Testa	2.5	-31169	31	-755	10.9	160.8	150.0	3600.0	13.74	V
						Piede	2.5	-33190	-4	-6155	22.1	313.1	150.0	3600.0	6.78	V
					Q.Perm.	Testa	2.5	-29078	44	-437	9.7	143.9	112.5	3600.0	11.54	V
						Piede	2.5	-31272	-31	-5372	20.0	283.9	112.5	3600.0	5.61	V
71	610	Piano 3	23	7	Caratt.	Testa	2.5	-13908	-154	-14019	46.3	-1017.4	150.0	3600.0	3.24	V
						Piede	2.5	-15799	181	13553	45.2	-927.8	150.0	3600.0	3.32	V
					Q.Perm.	Testa	2.5	-12824	-131	-12795	42.2	-924.3	112.5	3600.0	2.67	V
						Piede	2.5	-14782	132	12424	41.1	-839.5	112.5	3600.0	2.74	V
72	378	Piano 1	24	7	Caratt.	Testa	2.5	-48505	-129	2019	19.1	277.2	150.0	3600.0	7.86	V
						Piede	2.5	-50699	146	955	17.8	259.9	150.0	3600.0	8.45	V
					Q.Perm.	Testa	2.5	-44951	-99	1867	17.6	255.6	112.5	3600.0	6.40	V
						Piede	2.5	-47145	114	709	16.0	235.7	112.5	3600.0	7.01	V
73	496	Piano 2	24	7	Caratt.	Testa	2.5	-40193	-136	4133	20.8	296.3	150.0	3600.0	7.22	V
						Piede	2.5	-42308	130	2414	18.0	260.0	150.0	3600.0	8.33	V
					Q.Perm.	Testa	2.5	-37007	-119	3608	18.7	267.2	112.5	3600.0	6.01	V
						Piede	2.5	-39201	131	2183	16.6	240.1	112.5	3600.0	6.76	V

74	611	Piano 3	24	7	Caratt.	Testa	2.5	-18955	-152	17452	57.4	-1220.9	150.0	3600.0	2.61	V
						Piede	2.5	-20912	141	-14279	47.3	-867.9	150.0	3600.0	3.17	V
					Q.Perm.	Testa	2.5	-17363	-139	15871	52.2	-1107.3	112.5	3600.0	2.16	V
						Piede	2.5	-19320	128	-13065	43.3	-789.6	112.5	3600.0	2.60	V
75	379	Piano 1	25	7	Caratt.	Testa	2.5	-41391	-440	-3470	21.5	301.5	150.0	3600.0	6.98	V
						Piede	2.5	-43569	328	-9763	35.3	488.4	150.0	3600.0	4.25	V
					Q.Perm.	Testa	2.5	-38613	-268	-3384	19.6	277.0	112.5	3600.0	5.75	V
						Piede	2.5	-40806	320	-8408	31.2	432.5	112.5	3600.0	3.61	V
76	497	Piano 2	25	7	Caratt.	Testa	2.5	-31034	-259	-641	11.9	170.3	150.0	3600.0	12.60	V
						Piede	2.5	-33062	278	-6574	24.8	343.7	150.0	3600.0	6.06	V
					Q.Perm.	Testa	2.5	-28973	-227	-315	10.5	150.7	112.5	3600.0	10.74	V
						Piede	2.5	-31167	232	-5789	22.2	308.7	112.5	3600.0	5.08	V
77	612	Piano 3	25	7	Caratt.	Testa	2.5	-13918	-465	-13551	47.9	-1005.7	150.0	3600.0	3.13	V
						Piede	2.5	-15810	487	13219	47.1	-928.2	150.0	3600.0	3.18	V
					Q.Perm.	Testa	2.5	-12842	-423	-12356	43.7	-913.1	112.5	3600.0	2.57	V
						Piede	2.5	-14799	414	12063	42.7	-834.4	112.5	3600.0	2.63	V
78	380	Piano 1	26	7	Caratt.	Testa	2.5	-52101	24	352	16.3	243.3	150.0	3600.0	9.19	V
						Piede	2.5	-54234	137	2140	21.1	306.4	150.0	3600.0	7.12	V
					Q.Perm.	Testa	2.5	-48213	-39	159	14.9	221.7	112.5	3600.0	7.56	V
						Piede	2.5	-50407	59	1630	18.5	271.4	112.5	3600.0	6.08	V
79	498	Piano 2	26	7	Caratt.	Testa	2.5	-42864	-66	4669	22.2	318.3	150.0	3600.0	6.74	V
						Piede	2.5	-45094	61	1396	16.5	241.7	150.0	3600.0	9.10	V
					Q.Perm.	Testa	2.5	-39521	-49	4008	19.9	285.0	112.5	3600.0	5.66	V
						Piede	2.5	-41714	61	1135	15.0	219.7	112.5	3600.0	7.52	V
80	613	Piano 3	26	7	Caratt.	Testa	2.5	-20260	-66	17072	55.4	-1142.9	150.0	3600.0	2.71	V
						Piede	2.5	-22217	59	-13671	44.6	-771.3	150.0	3600.0	3.36	V
					Q.Perm.	Testa	2.5	-18585	-61	15516	50.4	-1034.7	112.5	3600.0	2.23	V
						Piede	2.5	-20543	53	-12489	40.7	-698.8	112.5	3600.0	2.76	V
81	381	Piano 1	27	3	Caratt.	Testa	2.5	-56389	-679	707	29.7	416.8	150.0	3600.0	5.06	V
						Piede	2.5	-58654	258	432	26.5	384.9	150.0	3600.0	5.67	V
					Q.Perm.	Testa	2.5	-52504	-569	504	26.6	375.8	112.5	3600.0	4.23	V
						Piede	2.5	-53967	177	346	23.7	347.1	112.5	3600.0	4.74	V
82	499	Piano 2	27	3	Caratt.	Testa	2.5	-40020	-990	244	23.7	321.9	150.0	3600.0	6.32	V
						Piede	2.5	-41917	992	367	25.0	339.1	150.0	3600.0	6.01	V
					Q.Perm.	Testa	2.5	-37089	-911	-1	21.1	287.0	112.5	3600.0	5.33	V
						Piede	2.5	-38551	904	301	22.8	309.5	112.5	3600.0	4.94	V
83	614	Piano 3	27	3	Caratt.	Testa	2.5	-24967	-908	301	17.5	230.0	150.0	3600.0	8.59	V
						Piede	2.5	-26272	1009	-522	19.6	256.0	150.0	3600.0	7.67	V
					Q.Perm.	Testa	2.5	-22990	-846	163	15.7	207.1	112.5	3600.0	7.15	V
						Piede	2.5	-24295	933	-395	17.7	232.5	112.5	3600.0	6.34	V
84	652	Piano 4	27	3	Caratt.	Testa	2.5	-9380	93	39	4.5	64.0	150.0	3600.0	33.42	V
						Piede	2.5	-10487	418	-741	10.0	129.9	150.0	3600.0	14.99	V
					Q.Perm.	Testa	2.5	-8629	78	-18	4.0	57.5	112.5	3600.0	28.06	V
						Piede	2.5	-9709	399	-716	9.5	122.9	112.5	3600.0	11.86	V
85	382	Piano 1	28	12	Caratt.	Testa	2.5	-28261	67	-86	18.4	270.2	150.0	3600.0	8.15	V
						Piede	2.5	-29236	-126	118	19.9	289.3	150.0	3600.0	7.52	V
					Q.Perm.	Testa	2.5	-25873	33	-45	16.2	240.7	112.5	3600.0	6.92	V
						Piede	2.5	-26848	-90	77	17.8	259.4	112.5	3600.0	6.34	V
86	500	Piano 2	28	12	Caratt.	Testa	2.5	-21096	-72	-519	17.9	249.8	150.0	3600.0	8.38	V
						Piede	2.5	-22071	46	554	18.5	258.9	150.0	3600.0	8.11	V
					Q.Perm.	Testa	2.5	-19285	-73	-439	16.1	225.6	112.5	3600.0	6.97	V
						Piede	2.5	-20260	49	473	16.7	234.9	112.5	3600.0	6.72	V
87	615	Piano 3	28	12	Caratt.	Testa	2.5	-12003	-146	-394	12.2	164.6	150.0	3600.0	12.26	V
						Piede	2.5	-12873	127	411	12.7	171.8	150.0	3600.0	11.83	V
					Q.Perm.	Testa	2.5	-10923	-141	-330	11.0	147.9	112.5	3600.0	10.24	V
						Piede	2.5	-11793	124	349	11.5	155.5	112.5	3600.0	9.81	V
88	383	Piano 1	29	3	Caratt.	Testa	2.5	-54896	-575	494	27.5	389.9	150.0	3600.0	5.45	V
						Piede	2.5	-56359	117	-570	25.1	367.4	150.0	3600.0	5.98	V
					Q.Perm.	Testa	2.5	-50165	-490	150	23.7	339.0	112.5	3600.0	4.74	V
						Piede	2.5	-51627	62	-115	21.1	313.4	112.5	3600.0	5.33	V
89	501	Piano 2	29	3	Caratt.	Testa	2.5	-39521	-1012	-1301	27.7	371.7	150.0	3600.0	5.41	V
						Piede	2.5	-40983	966	1420	28.4	382.5	150.0	3600.0	5.28	V
					Q.Perm.	Testa	2.5	-35830	-932	-1147	25.1	336.5	112.5	3600.0	4.48	V
						Piede	2.5	-37293	891	1270	25.8	347.9	112.5	3600.0	4.35	V
90	616	Piano 3	29	3	Caratt.	Testa	2.5	-26155	-1109	-1097	22.4	290.9	150.0	3600.0	6.69	V
						Piede	2.5	-27460	1133	1043	22.9	297.7	150.0	3600.0	6.55	V
					Q.Perm.	Testa	2.5	-23511	-1034	-1011	20.5	265.7	112.5	3600.0	5.48	V
						Piede	2.5	-24816	1052	951	20.9	271.7	112.5	3600.0	5.37	V
91	653	Piano 4	29	3	Caratt.	Testa	2.5	-15341	-2606	-1887	38.9	439.3	150.0	3600.0	3.86	V
						Piede	2.5	-16421	1834	796	25.1	295.4	150.0	3600.0	5.97	V
					Q.Perm.	Testa	2.5	-13268	-2221	-1524	32.7	369.3	112.5	3600.0	3.44	V
						Piede	2.5	-14348	1616	677	22.0	258.3	112.5	3600.0	5.11	V
92	384	Piano 1	30	3	Caratt.	Testa	2.5	-48632	1698	1011	37.6	496.9	150.0	3600.0	3.99	V
						Piede	2.5	-50094	-667	-602	28.7	402.4	150.0	3600.0	5.22	V
					Q.Perm.	Testa	2.5	-44102	1529	464	32.2	426.0	112.5	3600.0	3.50	V
						Piede	2.5	-45565	-617	-40	24.1	340.3	112.5	3600.0	4.66	V
93	502	Piano 2	30	3	Caratt.	Testa	2.5	-34488	2398	-253	34.2	426.7	150.0	3600.0	4.38	V
						Piede	2.5	-35950	-2583	494	37.5	465.9	150.0	3600.0	4.00	V
					Q.Perm.	Testa	2.5	-31318	2104	-320	30.8	386.0	112.5	3600.0	3.65	V
						Piede	2.5	-32780	-2268	547	33.8	422.3	112.5	3600.0	3.32	V
94	617	Piano 3	30	3	Caratt.	Testa	2.5	-21235	2447	446	32.4	376.1	150.0	3600.0	4.63	V
						Piede	2.5	-22540	-2438	-437	32.5	380.8	150.0	3600.0	4.62	V
					Q.Perm.	Testa	2.5	-19103	2126	30	26.3	304.9	112.5	3600.0	4.28	V
						Piede	2.5	-20408	-2126	-46	26.6	312.8	112.5	3600.0	4.22	V
95	654	Piano 4	30	3	Caratt.	Testa	2.5	-7563	1622	1636	29.4	-375.7	150.0	3600.0	5.10	V
						Piede	2.5	-8643	-2271	-1440	35.4	-482.2	150.0	3600.0	4.23	V
					Q.Perm.	Testa	2.5	-6594	1494	1305	25.8	-332.9	112.5	3600.0	4.37	V
						Piede	2.5	-7674	-2019	-1143	30.6	-414.7	112.5	3600.0	3.68	V
96	385	Piano 1	31	2	Caratt.	Testa	2.5	-51045	542	320	16.9	240.2	150.0	3600.0	8.89	V
						Piede	2.5	-52401	-353	3827	22.4	317.7	150.0	3600.0	6.71	V
					Q.Perm.	Testa	2.5	-47185	391	318	15.1	216.9	112.5	3600.0	7.45	V
						Piede	2.5	-49378	-266	3383	20.4	290.7	112.5	3600.0	5.53	V
97	503	Piano 2	31	2	Caratt.	Testa	2.5	-31587	386	-1088	12.2	172.0	150.0	3600.0	12.27	V
						Piede	2.5	-33758	-455	1739	14.3	199.4	150.0	3600.0	10.52	V
					Q.Perm.	Testa	2.5	-29447	377	-1004	11.5	161.0	112.5	3600.0	9.82	V

						Piede	2.5	-31640	-435	1526	13.2	185.0	112.5	3600.0	8.50	V
98	618	Piano 3	31	2	Caratt.	Testa	2.5	-13785	297	-375	5.8	79.3	150.0	3600.0	25.91	V
						Piede	2.5	-15906	-300	96	5.9	81.5	150.0	3600.0	25.47	V
					Q.Perm.	Testa	2.5	-12585	284	-467	5.6	76.0	112.5	3600.0	20.21	V
						Piede	2.5	-14543	-257	203	5.5	76.3	112.5	3600.0	20.45	V
99	386	Piano 1	32	4	Caratt.	Testa	2.5	-16521	-55	104	9.9	141.6	150.0	3600.0	15.08	V
						Piede	2.5	-16393	-66	-121	10.2	143.5	150.0	3600.0	14.75	V
					Q.Perm.	Testa	2.5	-15500	-10	39	8.3	122.2	112.5	3600.0	13.55	V
						Piede	2.5	-16232	-11	-27	8.6	126.7	112.5	3600.0	13.13	V
100	504	Piano 2	32	4	Caratt.	Testa	2.5	-12154	-79	-86	7.8	109.2	150.0	3600.0	19.22	V
						Piede	2.5	-12885	61	93	8.1	113.5	150.0	3600.0	18.61	V
					Q.Perm.	Testa	2.5	-11200	-69	-71	7.1	99.4	112.5	3600.0	15.91	V
						Piede	2.5	-11931	53	77	7.3	103.8	112.5	3600.0	15.33	V
101	619	Piano 3	32	4	Caratt.	Testa	2.5	-7003	-125	-68	5.5	73.2	150.0	3600.0	27.28	V
						Piede	2.5	-7656	119	64	5.7	77.2	150.0	3600.0	26.17	V
					Q.Perm.	Testa	2.5	-6476	-106	-61	5.0	66.5	112.5	3600.0	22.63	V
						Piede	2.5	-7129	102	57	5.2	70.6	112.5	3600.0	21.57	V
102	655	Piano 4	32	4	Caratt.	Testa	2.5	-1870	-145	-8	2.6	30.7	150.0	3600.0	58.42	V
						Piede	2.5	-2404	240	-8	3.9	45.5	150.0	3600.0	38.27	V
					Q.Perm.	Testa	2.5	-1748	-131	-13	2.4	28.8	112.5	3600.0	46.77	V
						Piede	2.5	-2288	215	6	3.6	41.6	112.5	3600.0	31.63	V
103	387	Piano 1	33	4	Caratt.	Testa	2.5	-14331	91	159	9.8	134.5	150.0	3600.0	15.36	V
						Piede	2.5	-15062	-103	-154	10.2	140.9	150.0	3600.0	14.68	V
					Q.Perm.	Testa	2.5	-13683	27	81	8.0	114.8	112.5	3600.0	14.06	V
						Piede	2.5	-14414	-40	-67	8.4	120.1	112.5	3600.0	13.47	V
104	505	Piano 2	33	4	Caratt.	Testa	2.5	-11573	-89	-34	7.1	100.3	150.0	3600.0	21.18	V
						Piede	2.5	-12304	43	42	7.1	101.9	150.0	3600.0	21.22	V
					Q.Perm.	Testa	2.5	-10724	-69	-23	6.3	90.7	112.5	3600.0	17.74	V
						Piede	2.5	-11456	28	31	6.4	92.8	112.5	3600.0	17.65	V
105	620	Piano 3	33	4	Caratt.	Testa	2.5	-7513	-189	36	6.1	80.4	150.0	3600.0	24.66	V
						Piede	2.5	-8166	159	-38	6.1	82.5	150.0	3600.0	24.47	V
					Q.Perm.	Testa	2.5	-7012	-167	-10	5.3	71.5	112.5	3600.0	21.09	V
						Piede	2.5	-7664	141	5	5.3	73.2	112.5	3600.0	21.03	V
106	656	Piano 4	33	4	Caratt.	Testa	2.5	-1976	-180	50	3.5	40.7	150.0	3600.0	42.48	V
						Piede	2.5	-2516	239	-62	4.6	52.7	150.0	3600.0	32.67	V
					Q.Perm.	Testa	2.5	-2071	-162	35	3.1	37.1	112.5	3600.0	35.73	V
						Piede	2.5	-2611	205	-46	4.0	47.3	112.5	3600.0	28.00	V
107	388	Piano 1	34	7	Caratt.	Testa	2.5	-38065	-1270	-3553	25.2	336.9	150.0	3600.0	5.94	V
						Piede	2.5	-38401	972	-9840	39.6	528.4	150.0	3600.0	3.79	V
					Q.Perm.	Testa	2.5	-35780	-996	-3330	22.6	304.7	112.5	3600.0	4.98	V
						Piede	2.5	-37973	987	-8263	34.9	467.3	112.5	3600.0	3.23	V
108	506	Piano 2	34	7	Caratt.	Testa	2.5	-30865	-798	-1001	15.5	209.9	150.0	3600.0	9.68	V
						Piede	2.5	-32932	992	-4222	23.7	317.4	150.0	3600.0	6.34	V
					Q.Perm.	Testa	2.5	-28800	-726	-670	13.8	187.8	112.5	3600.0	8.13	V
						Piede	2.5	-30994	887	-3812	21.6	291.1	112.5	3600.0	5.20	V
109	621	Piano 3	34	7	Caratt.	Testa	2.5	-13592	-1121	-14185	56.4	-1150.6	150.0	3600.0	2.66	V
						Piede	2.5	-15497	997	13296	52.3	-1001.0	150.0	3600.0	2.87	V
					Q.Perm.	Testa	2.5	-12528	-1040	-12950	51.6	-1049.4	112.5	3600.0	2.18	V
						Piede	2.5	-14486	904	12248	48.0	-915.0	112.5	3600.0	2.34	V
110	389	Piano 1	35	7	Caratt.	Testa	2.5	-49926	191	1559	18.9	274.9	150.0	3600.0	7.92	V
						Piede	2.5	-49620	-241	-1856	19.7	284.3	150.0	3600.0	7.61	V
					Q.Perm.	Testa	2.5	-45910	66	1433	16.8	246.5	112.5	3600.0	6.69	V
						Piede	2.5	-48104	-108	-254	15.4	227.6	112.5	3600.0	7.30	V
111	507	Piano 2	35	7	Caratt.	Testa	2.5	-41018	-83	4897	22.2	317.0	150.0	3600.0	6.75	V
						Piede	2.5	-42986	63	2070	17.2	250.1	150.0	3600.0	8.73	V
					Q.Perm.	Testa	2.5	-37699	-81	4302	20.1	286.4	112.5	3600.0	5.61	V
						Piede	2.5	-39893	38	1935	15.9	231.3	112.5	3600.0	7.09	V
112	622	Piano 3	35	7	Caratt.	Testa	2.5	-19582	-48	17507	56.5	-1199.7	150.0	3600.0	2.65	V
						Piede	2.5	-21465	110	-13739	45.3	-800.5	150.0	3600.0	3.31	V
					Q.Perm.	Testa	2.5	-17916	-63	15886	51.5	-1086.9	112.5	3600.0	2.18	V
						Piede	2.5	-19873	100	-12606	41.5	-730.2	112.5	3600.0	2.71	V
113	390	Piano 1	36	12	Caratt.	Testa	2.5	-27449	143	213	17.7	253.2	150.0	3600.0	8.47	V
						Piede	2.5	-28424	-185	-147	18.1	258.7	150.0	3600.0	8.30	V
					Q.Perm.	Testa	2.5	-25525	77	106	15.2	221.3	112.5	3600.0	7.41	V
						Piede	2.5	-26500	-117	-15	15.3	224.2	112.5	3600.0	7.35	V
114	508	Piano 2	36	12	Caratt.	Testa	2.5	-18423	-31	190	11.7	168.3	150.0	3600.0	12.84	V
						Piede	2.5	-18092	-29	-183	11.4	164.8	150.0	3600.0	13.12	V
					Q.Perm.	Testa	2.5	-17124	-31	61	9.9	145.6	112.5	3600.0	11.35	V
						Piede	2.5	-18099	-3	3	9.7	145.1	112.5	3600.0	11.61	V
115	623	Piano 3	36	12	Caratt.	Testa	2.5	-10282	-261	-39	8.2	110.8	150.0	3600.0	18.25	V
						Piede	2.5	-11083	145	-148	8.5	116.5	150.0	3600.0	17.69	V
					Q.Perm.	Testa	2.5	-9393	-225	-18	7.2	98.2	112.5	3600.0	15.55	V
						Piede	2.5	-10263	134	-75	7.3	102.0	112.5	3600.0	15.34	V
116	391	Piano 1	37	4	Caratt.	Testa	2.5	-14136	130	232	14.7	197.4	150.0	3600.0	10.21	V
						Piede	2.5	-14867	-161	-189	15.1	203.5	150.0	3600.0	9.96	V
					Q.Perm.	Testa	2.5	-13769	67	122	12.1	169.4	112.5	3600.0	9.30	V
						Piede	2.5	-14500	-97	-78	12.4	175.2	112.5	3600.0	9.05	V
117	509	Piano 2	37	4	Caratt.	Testa	2.5	-10363	41	235	10.9	146.2	150.0	3600.0	13.74	V
						Piede	2.5	-11094	-44	-219	11.2	151.9	150.0	3600.0	13.34	V
					Q.Perm.	Testa	2.5	-10189	25	92	8.6	122.3	112.5	3600.0	13.01	V
						Piede	2.5	-10920	-27	-74	8.9	127.6	112.5	3600.0	12.59	V
118	624	Piano 3	37	4	Caratt.	Testa	2.5	-6617	48	244	6.3	80.7	150.0	3600.0	23.74	V
						Piede	2.5	-7270	-42	-236	6.5	84.2	150.0	3600.0	23.07	V
					Q.Perm.	Testa	2.5	-6552	23	142	5.0	66.9	112.5	3600.0	22.55	V
						Piede	2.5	-7204	-18	-133	5.2	70.3	112.5	3600.0	21.78	V
119	657	Piano 4	37	4	Caratt.	Testa	2.5	-2252	-187	150	4.9	55.5	150.0	3600.0	30.46	V
						Piede	2.5	-2792	151	-238	5.8	65.2	150.0	3600.0	26.09	V
					Q.Perm.	Testa	2.5	-2107	-175	115	4.3	48.8	112.5	3600.0	26.18	V
						Piede	2.5	-2647	145	-194	5.1	58.0	112.5	3600.0	22.22	V
120	392	Piano 1	38	4	Caratt.	Testa	2.5	-10136	189	205	13.0	168.8	150.0	3600.0	11.55	V
						Piede	2.5	-10867	-272	-191	14.5	187.0	150.0	3600.0	10.34	V
					Q.Perm.	Testa	2.5	-9622	122	117	10.4	140.8	112.5	3600.0	10.78	V
						Piede	2.5	-10353	-201	-94	11.8	157.0	112.5	3600.0	9.56	V
121	510	Piano 2	38	4	Caratt.	Testa	2.5	-8562	55	184	9.7	129.0	150.0	3600.0	15.54	V
						Piede	2.5	-9293	-59	-171	10.1	135.9	150.0	3600.0	14.89	V

					Q.Perm.	Testa	2.5	-8172	42	60	7.4	104.9	112.5	3600.0	15.11	V
						Piede	2.5	-8904	-45	-47	7.8	111.6	112.5	3600.0	14.33	V
122	625	Piano 3	38	4	Caratt.	Testa	2.5	-7238	63	152	8.3	111.0	150.0	3600.0	17.98	V
						Piede	2.5	-7890	-53	-162	8.8	118.2	150.0	3600.0	16.99	V
					Q.Perm.	Testa	2.5	-7016	44	64	6.7	93.0	112.5	3600.0	16.84	V
						Piede	2.5	-7668	-35	-77	7.2	100.8	112.5	3600.0	15.59	V
123	658	Piano 4	38	4	Caratt.	Testa	2.5	-7000	221	169	10.6	133.6	150.0	3600.0	14.12	V
						Piede	2.5	-7540	-111	-170	9.5	123.8	150.0	3600.0	15.80	V
					Q.Perm.	Testa	2.5	-6359	206	139	9.5	120.1	112.5	3600.0	11.81	V
						Piede	2.5	-6899	-104	-142	8.5	111.7	112.5	3600.0	13.19	V
124	393	Piano 1	39	2	Caratt.	Testa	2.5	-41806	-1598	-2196	25.4	336.0	150.0	3600.0	5.90	V
						Piede	2.5	-41978	1578	-14323	59.1	770.5	150.0	3600.0	2.54	V
					Q.Perm.	Testa	2.5	-39314	-1307	-1712	22.2	295.5	112.5	3600.0	5.07	V
						Piede	2.5	-41508	1638	-11899	51.4	671.2	112.5	3600.0	2.19	V
125	511	Piano 2	39	7	Caratt.	Testa	2.5	-27556	-1153	-7164	29.7	389.3	150.0	3600.0	5.04	V
						Piede	2.5	-29744	1121	8216	32.6	428.9	150.0	3600.0	4.60	V
					Q.Perm.	Testa	2.5	-25644	-1074	-6492	27.2	356.0	112.5	3600.0	4.14	V
						Piede	2.5	-27838	1061	7300	29.5	388.0	112.5	3600.0	3.81	V
126	626	Piano 3	39	2	Caratt.	Testa	2.5	-9485	-1263	-7193	35.1	-604.2	150.0	3600.0	4.28	V
						Piede	2.5	-11424	1372	7216	35.9	-572.0	150.0	3600.0	4.17	V
					Q.Perm.	Testa	2.5	-8768	-1185	-6539	32.2	-550.5	112.5	3600.0	3.49	V
						Piede	2.5	-10726	1267	6561	32.8	-514.3	112.5	3600.0	3.43	V
127	394	Piano 1	41	16	Caratt.	Testa	2.5	-27629	-359	-379	13.5	190.1	150.0	3600.0	11.07	V
						Piede	2.5	-27399	-374	-1117	15.7	217.7	150.0	3600.0	9.56	V
					Q.Perm.	Testa	2.5	-25879	-170	-369	11.6	166.7	112.5	3600.0	9.70	V
						Piede	2.5	-27585	-230	127	11.9	171.2	112.5	3600.0	9.43	V
128	512	Piano 2	41	3	Caratt.	Testa	2.5	-19469	-559	-734	14.9	198.8	150.0	3600.0	10.03	V
						Piede	2.5	-20932	535	706	15.2	204.4	150.0	3600.0	9.84	V
					Q.Perm.	Testa	2.5	-18174	-445	-582	13.0	174.5	112.5	3600.0	8.67	V
						Piede	2.5	-19636	431	539	13.3	180.2	112.5	3600.0	8.46	V
129	627	Piano 3	41	3	Caratt.	Testa	2.5	-11730	-570	-825	12.4	159.0	150.0	3600.0	12.07	V
						Piede	2.5	-13035	605	797	13.0	167.5	150.0	3600.0	11.51	V
					Q.Perm.	Testa	2.5	-10858	-451	-665	10.4	135.0	112.5	3600.0	10.79	V
						Piede	2.5	-12163	482	634	11.0	143.4	112.5	3600.0	10.20	V
130	659	Piano 4	41	3	Caratt.	Testa	2.5	-5207	-1449	-682	22.4	-324.6	150.0	3600.0	6.68	V
						Piede	2.5	-6287	845	1002	17.0	195.6	150.0	3600.0	8.84	V
					Q.Perm.	Testa	2.5	-4738	-1306	-579	20.0	-288.0	112.5	3600.0	5.63	V
						Piede	2.5	-5818	725	858	14.5	168.6	112.5	3600.0	7.75	V
131	395	Piano 1	42	3	Caratt.	Testa	2.5	-30832	-1821	878	33.9	428.1	150.0	3600.0	4.43	V
						Piede	2.5	-32294	476	-886	22.8	315.1	150.0	3600.0	6.58	V
					Q.Perm.	Testa	2.5	-28538	-1481	307	27.1	346.2	112.5	3600.0	4.16	V
						Piede	2.5	-30000	303	-204	17.3	245.3	112.5	3600.0	6.52	V
132	513	Piano 2	42	3	Caratt.	Testa	2.5	-21530	-1970	583	31.6	377.9	150.0	3600.0	4.74	V
						Piede	2.5	-22957	2175	-626	34.7	412.5	150.0	3600.0	4.32	V
					Q.Perm.	Testa	2.5	-19834	-1623	132	24.5	296.6	112.5	3600.0	4.60	V
						Piede	2.5	-21296	1796	-169	27.0	326.3	112.5	3600.0	4.16	V
133	628	Piano 3	42	3	Caratt.	Testa	2.5	-12078	-2037	444	31.3	-353.6	150.0	3600.0	4.79	V
						Piede	2.5	-13383	1967	-394	30.0	327.0	150.0	3600.0	5.00	V
					Q.Perm.	Testa	2.5	-11082	-1698	106	24.2	258.4	112.5	3600.0	4.65	V
						Piede	2.5	-12387	1635	-102	23.4	258.1	112.5	3600.0	4.81	V
134	660	Piano 4	42	3	Caratt.	Testa	2.5	-2581	-405	-310	7.9	-89.9	150.0	3600.0	19.05	V
						Piede	2.5	-3629	1878	129	25.9	-552.6	150.0	3600.0	5.78	V
					Q.Perm.	Testa	2.5	-2461	-304	-264	6.0	69.7	112.5	3600.0	18.61	V
						Piede	2.5	-3541	1552	113	21.6	-437.2	112.5	3600.0	5.22	V
135	396	Piano 1	43	3	Caratt.	Testa	2.5	-35462	-1491	1195	31.2	406.5	150.0	3600.0	4.80	V
						Piede	2.5	-36924	61	-1123	20.7	297.8	150.0	3600.0	7.25	V
					Q.Perm.	Testa	2.5	-32469	-1228	490	25.1	329.6	112.5	3600.0	4.49	V
						Piede	2.5	-33931	-56	-361	16.3	238.5	112.5	3600.0	6.92	V
136	514	Piano 2	43	3	Caratt.	Testa	2.5	-23577	-2043	1116	32.1	390.1	150.0	3600.0	4.68	V
						Piede	2.5	-25039	2196	-1020	33.5	406.3	150.0	3600.0	4.48	V
					Q.Perm.	Testa	2.5	-21513	-1767	511	25.6	313.4	112.5	3600.0	4.39	V
						Piede	2.5	-22975	1911	-435	27.1	330.1	112.5	3600.0	4.16	V
137	629	Piano 3	43	3	Caratt.	Testa	2.5	-12890	-2142	1215	37.3	-427.7	150.0	3600.0	4.02	V
						Piede	2.5	-14195	2103	-1059	35.7	393.9	150.0	3600.0	4.20	V
					Q.Perm.	Testa	2.5	-11714	-1858	743	30.3	329.5	112.5	3600.0	3.71	V
						Piede	2.5	-13019	1828	-640	29.2	323.1	112.5	3600.0	3.85	V
138	661	Piano 4	43	3	Caratt.	Testa	2.5	-3690	-1293	-104	15.0	-233.8	150.0	3600.0	9.98	V
						Piede	2.5	-4789	1972	-619	26.1	-421.9	150.0	3600.0	5.75	V
					Q.Perm.	Testa	2.5	-3349	-1163	-132	13.8	-213.1	112.5	3600.0	8.16	V
						Piede	2.5	-4429	1717	-465	22.2	-353.2	112.5	3600.0	5.07	V
139	397	Piano 1	44	2	Caratt.	Testa	2.5	-25792	-708	1199	13.9	187.3	150.0	3600.0	10.81	V
						Piede	2.5	-26624	-1102	2314	18.5	244.1	150.0	3600.0	8.09	V
					Q.Perm.	Testa	2.5	-24460	-549	317	10.9	149.0	112.5	3600.0	10.33	V
						Piede	2.5	-26654	-831	1239	14.9	199.2	112.5	3600.0	7.56	V
140	515	Piano 2	44	2	Caratt.	Testa	2.5	-16353	-1287	1141	14.9	185.4	150.0	3600.0	10.04	V
						Piede	2.5	-18498	1510	-1235	17.2	212.2	150.0	3600.0	8.72	V
					Q.Perm.	Testa	2.5	-15076	-1236	654	13.2	161.7	112.5	3600.0	8.54	V
						Piede	2.5	-17270	1429	-667	15.0	183.5	112.5	3600.0	7.51	V
141	630	Piano 3	44	2	Caratt.	Testa	2.5	-6080	-1460	1766	18.5	-270.7	150.0	3600.0	8.10	V
						Piede	2.5	-7910	1430	-916	15.3	-180.1	150.0	3600.0	9.81	V
					Q.Perm.	Testa	2.5	-5469	-1348	1331	16.1	-235.2	112.5	3600.0	7.01	V
						Piede	2.5	-7427	1314	-817	14.0	-161.2	112.5	3600.0	8.05	V
142	398	Piano 1	45	3	Caratt.	Testa	2.5	-23057	-1142	-3291	38.4	484.2	150.0	3600.0	3.90	V
						Piede	2.5	-23407	950	-2435	30.7	395.2	150.0	3600.0	4.89	V
					Q.Perm.	Testa	2.5	-21610	-990	-3072	34.9	442.4	112.5	3600.0	3.22	V
						Piede	2.5	-23095	759	-2020	26.3	344.5	112.5	3600.0	4.27	V
143	516	Piano 2	45	3	Caratt.	Testa	2.5	-9272	-1419	-6741	72.2	-1413.9	150.0	3600.0	2.08	V
						Piede	2.5	-10703	1306	6736	70.1	-1325.6	150.0	3600.0	2.14	V
					Q.Perm.	Testa	2.5	-8514	-1319	-6116	66.0	-1285.4	112.5	3600.0	1.71	V
						Piede	2.5	-9999	1239	6277	65.7	-1238.9	112.5	3600.0	1.71	V
144	399	Piano 1	46	3	Caratt.	Testa	2.5	-19032	220	3442	28.3	371.8	150.0	3600.0	5.30	V
						Piede	2.5	-20314	-440	880	17.0	228.9	150.0	3600.0	8.84	V
					Q.Perm.	Testa	2.5	-18592	-37	3186	24.5	328.0	112.5	3600.0	4.60	V
						Piede	2.5	-20077	-126	966	14.6	204.2	112.5	3600.0	7.72	V
145	517	Piano 2	46	3	Caratt.	Testa	2.5	-8362	-251	7408	49.3	-1032.9	150.0	3600.0	3.04	V

						Piede	2.5	-9847	240	-7123	47.7	-935.1	150.0	3600.0	3.14	V
					Q.Perm.	Testa	2.5	-7597	-211	6540	43.4	-902.9	112.5	3600.0	2.59	V
						Piede	2.5	-9082	180	-6537	43.2	-849.9	112.5	3600.0	2.61	V
146	400	Piano 1	50	3	Caratt.	Testa	2.5	-26393	117	374	14.8	213.5	150.0	3600.0	10.15	V
						Piede	2.5	-28329	-173	720	17.7	251.4	150.0	3600.0	8.48	V
					Q.Perm.	Testa	2.5	-24862	100	-136	12.9	187.9	112.5	3600.0	8.74	V
						Piede	2.5	-26460	-161	580	16.1	229.5	112.5	3600.0	6.99	V
147	518	Piano 2	50	3	Caratt.	Testa	2.5	-19153	73	-1144	14.5	203.1	150.0	3600.0	10.35	V
						Piede	2.5	-20616	-45	1584	16.9	235.7	150.0	3600.0	8.89	V
					Q.Perm.	Testa	2.5	-17659	68	-1063	13.4	187.8	112.5	3600.0	8.39	V
						Piede	2.5	-19122	-41	1467	15.6	218.3	112.5	3600.0	7.19	V
148	631	Piano 3	50	3	Caratt.	Testa	2.5	-9501	33	-397	6.4	90.9	150.0	3600.0	23.41	V
						Piede	2.5	-10806	-53	560	7.9	110.8	150.0	3600.0	19.00	V
					Q.Perm.	Testa	2.5	-8683	33	-447	6.2	88.0	112.5	3600.0	18.00	V
						Piede	2.5	-9988	-45	583	7.6	105.8	112.5	3600.0	14.88	V

4.3.1.1.11 Verifiche SLE - Fessurazione.

Pil. : numerazione interna del pilastro;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso al quale appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
N_{sd} : Sforzo Normale Sollecitante;
M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
$W_{k,max}$: valore della massima apertura ammissibile delle fessure;
W_k : valore dell'apertura della fessura calcolata;
S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 14.I

Pil	Asta	Imp.	Filo	Tipo Sez.	Comb	Pos.	Cop [cm]	Nsd [daN]	Msdxz [daNm]	Msdxy [daNm]	$W_{k,max}$ [mm]	W_k [mm]	S	Esito
1	346	Piano 1	1	2	Q.Perm.	Testa	2.5	-23963	706	-189	0.40	0.00	-	V
						Piede	2.5	-26157	-508	-6732	0.40	0.00	-	V
2	473	Piano 2	1	2	Q.Perm.	Testa	2.5	-14423	755	-1367	0.40	0.00	-	V
						Piede	2.5	-16617	-813	3135	0.40	0.00	-	V
3	588	Piano 3	1	2	Q.Perm.	Testa	2.5	-5150	809	-2411	0.40	0.00	-	V
						Piede	2.5	-7107	-614	1751	0.40	0.00	-	V
4	347	Piano 1	2	3	Q.Perm.	Testa	2.5	-32020	43	830	0.40	0.00	-	V
						Piede	2.5	-33482	279	-423	0.40	0.00	-	V
5	474	Piano 2	2	3	Q.Perm.	Testa	2.5	-19669	105	830	0.40	0.00	-	V
						Piede	2.5	-21131	-174	-947	0.40	0.00	-	V
6	589	Piano 3	2	3	Q.Perm.	Testa	2.5	-8064	323	818	0.40	0.00	-	V
						Piede	2.5	-9369	-165	-654	0.40	0.00	-	V
7	348	Piano 1	3	3	Q.Perm.	Testa	2.5	-26813	200	230	0.40	0.00	-	V
						Piede	2.5	-28275	371	-24	0.40	0.00	-	V
8	475	Piano 2	3	3	Q.Perm.	Testa	2.5	-16587	398	119	0.40	0.00	-	V
						Piede	2.5	-18050	-528	-39	0.40	0.00	-	V
9	590	Piano 3	3	3	Q.Perm.	Testa	2.5	-6619	741	-37	0.40	0.00	-	V
						Piede	2.5	-7924	-490	3	0.40	0.00	-	V
10	349	Piano 1	4	1	Q.Perm.	Testa	2.5	-16413	766	516	0.40	0.00	-	V
						Piede	2.5	-14472	289	455	0.40	0.00	-	V
11	476	Piano 2	4	1	Q.Perm.	Testa	2.5	-21329	1415	-177	0.40	0.00	-	V
						Piede	2.5	-22548	-1364	-34	0.40	0.00	-	V
12	591	Piano 3	4	1	Q.Perm.	Testa	2.5	-8957	1936	-451	0.40	0.00	-	V
						Piede	2.5	-10044	-1706	430	0.40	0.00	-	V
13	353	Piano 1	5	17	Q.Perm.	Testa	2.5	-16103	1096	762	0.40	0.00	-	V
						Piede	2.5	-10008	747	-384	0.40	0.00	-	V
14	477	Piano 2	5	2	Q.Perm.	Testa	2.5	-27536	2103	-1006	0.40	0.00	-	V
						Piede	2.5	-29730	-2006	1902	0.40	0.00	-	V
15	592	Piano 3	5	2	Q.Perm.	Testa	2.5	-11497	3093	-853	0.40	0.00	-	V
						Piede	2.5	-13454	-2606	631	0.40	0.00	-	V
16	357	Piano 1	6	2	Q.Perm.	Testa	2.5	-16360	992	535	0.40	0.00	-	V
						Piede	2.5	-9991	504	799	0.40	0.00	-	V
17	478	Piano 2	6	2	Q.Perm.	Testa	2.5	-18542	1816	-84	0.40	0.00	-	V
						Piede	2.5	-20736	-1841	2336	0.40	0.00	-	V
18	593	Piano 3	6	2	Q.Perm.	Testa	2.5	-6969	2138	264	0.40	0.00	-	V

						Piede	2.5	-8927	-1934	-1035	0.40	0.00	-	V
19	361	Piano 1	7	2	Q.Perm.	Testa	2.5	-32900	1485	-671	0.40	0.00	-	V
						Piede	2.5	-35094	-1474	-7370	0.40	0.00	-	V
20	479	Piano 2	7	2	Q.Perm.	Testa	2.5	-18927	1444	-1072	0.40	0.00	-	V
						Piede	2.5	-21121	-1476	1763	0.40	0.00	-	V
21	594	Piano 3	7	2	Q.Perm.	Testa	2.5	-7336	954	-3058	0.40	0.00	-	V
						Piede	2.5	-9293	-1120	2011	0.40	0.00	-	V
22	362	Piano 1	8	3	Q.Perm.	Testa	2.5	-45753	165	566	0.40	0.00	-	V
						Piede	2.5	-47215	27	-30	0.40	0.00	-	V
23	480	Piano 2	8	3	Q.Perm.	Testa	2.5	-29415	275	1585	0.40	0.00	-	V
						Piede	2.5	-30877	-263	-1845	0.40	0.00	-	V
24	595	Piano 3	8	3	Q.Perm.	Testa	2.5	-14077	-61	1882	0.40	0.00	-	V
						Piede	2.5	-15382	-148	-1521	0.40	0.00	-	V
25	363	Piano 1	9	3	Q.Perm.	Testa	2.5	-31276	-286	120	0.40	0.00	-	V
						Piede	2.5	-32739	321	721	0.40	0.00	-	V
26	481	Piano 2	9	3	Q.Perm.	Testa	2.5	-20484	-203	1240	0.40	0.00	-	V
						Piede	2.5	-21946	237	-1512	0.40	0.00	-	V
27	596	Piano 3	9	3	Q.Perm.	Testa	2.5	-9406	-309	1676	0.40	0.00	-	V
						Piede	2.5	-10711	250	-1205	0.40	0.00	-	V
28	364	Piano 1	10	2	Q.Perm.	Testa	2.5	-31472	792	2609	0.40	0.00	-	V
						Piede	2.5	-33666	-1027	-12563	0.40	0.07	5.77	V
29	482	Piano 2	10	2	Q.Perm.	Testa	2.5	-18424	449	-495	0.40	0.00	-	V
						Piede	2.5	-20618	-547	515	0.40	0.00	-	V
30	597	Piano 3	10	2	Q.Perm.	Testa	2.5	-7154	762	-2235	0.40	0.00	-	V
						Piede	2.5	-9111	-397	1651	0.40	0.00	-	V
31	365	Piano 1	11	3	Q.Perm.	Testa	2.5	-42282	-458	676	0.40	0.00	-	V
						Piede	2.5	-43745	267	-100	0.40	0.00	-	V
32	483	Piano 2	11	3	Q.Perm.	Testa	2.5	-30182	-644	1615	0.40	0.00	-	V
						Piede	2.5	-31645	651	-1743	0.40	0.00	-	V
33	598	Piano 3	11	3	Q.Perm.	Testa	2.5	-14300	-355	2230	0.40	0.00	-	V
						Piede	2.5	-15605	550	-1827	0.40	0.00	-	V
34	366	Piano 1	12	2	Q.Perm.	Testa	2.5	-33755	-125	-1183	0.40	0.00	-	V
						Piede	2.5	-35949	110	4179	0.40	0.00	-	V
35	484	Piano 2	12	3	Q.Perm.	Testa	2.5	-22988	-80	438	0.40	0.00	-	V
						Piede	2.5	-24451	87	-587	0.40	0.00	-	V
36	599	Piano 3	12	3	Q.Perm.	Testa	2.5	-10573	-63	618	0.40	0.00	-	V
						Piede	2.5	-11878	81	-482	0.40	0.00	-	V
37	367	Piano 1	13	1	Q.Perm.	Testa	2.5	-63525	-228	-418	0.40	0.00	-	V
						Piede	2.5	-64744	83	691	0.40	0.00	-	V
38	485	Piano 2	13	1	Q.Perm.	Testa	2.5	-41598	-326	-195	0.40	0.00	-	V
						Piede	2.5	-42817	364	227	0.40	0.00	-	V
39	600	Piano 3	13	1	Q.Perm.	Testa	2.5	-20292	-411	-28	0.40	0.00	-	V
						Piede	2.5	-21380	370	45	0.40	0.00	-	V
40	368	Piano 1	14	2	Q.Perm.	Testa	2.5	-78996	-177	-1182	0.40	0.00	-	V
						Piede	2.5	-81189	-69	2541	0.40	0.00	-	V
41	486	Piano 2	14	2	Q.Perm.	Testa	2.5	-52058	-406	-1097	0.40	0.00	-	V
						Piede	2.5	-54252	457	1184	0.40	0.00	-	V
42	601	Piano 3	14	2	Q.Perm.	Testa	2.5	-25350	-619	-595	0.40	0.00	-	V
						Piede	2.5	-27307	524	228	0.40	0.00	-	V
43	369	Piano 1	15	2	Q.Perm.	Testa	2.5	-56279	-127	-1330	0.40	0.00	-	V
						Piede	2.5	-58473	-122	8016	0.40	0.00	-	V
44	487	Piano 2	15	2	Q.Perm.	Testa	2.5	-35594	-304	-496	0.40	0.00	-	V
						Piede	2.5	-37788	358	-706	0.40	0.00	-	V
45	602	Piano 3	15	2	Q.Perm.	Testa	2.5	-15493	-559	-137	0.40	0.00	-	V
						Piede	2.5	-17450	479	-57	0.40	0.00	-	V
46	370	Piano 1	16	7	Q.Perm.	Testa	2.5	-36862	813	-2112	0.40	0.00	-	V
						Piede	2.5	-39056	-843	-7285	0.40	0.00	-	V
47	488	Piano 2	16	7	Q.Perm.	Testa	2.5	-28229	769	-1141	0.40	0.00	-	V
						Piede	2.5	-30423	-785	-4549	0.40	0.00	-	V
48	603	Piano 3	16	7	Q.Perm.	Testa	2.5	-12591	642	-12959	0.40	0.12	3.46	V
						Piede	2.5	-14549	-598	11990	0.40	0.09	4.62	V
49	371	Piano 1	17	7	Q.Perm.	Testa	2.5	-43025	75	1688	0.40	0.00	-	V
						Piede	2.5	-45219	-27	1174	0.40	0.00	-	V
50	489	Piano 2	17	7	Q.Perm.	Testa	2.5	-35722	71	3567	0.40	0.00	-	V
						Piede	2.5	-37916	-57	1832	0.40	0.00	-	V
51	604	Piano 3	17	7	Q.Perm.	Testa	2.5	-16752	127	15356	0.40	0.16	2.44	V
						Piede	2.5	-18710	-101	-12551	0.40	0.09	4.68	V
52	372	Piano 1	18	7	Q.Perm.	Testa	2.5	-38434	333	-3151	0.40	0.00	-	V
						Piede	2.5	-40627	-363	-7770	0.40	0.00	-	V
53	490	Piano 2	18	7	Q.Perm.	Testa	2.5	-29008	292	-475	0.40	0.00	-	V
						Piede	2.5	-31201	-304	-5631	0.40	0.00	-	V
54	605	Piano 3	18	7	Q.Perm.	Testa	2.5	-12788	142	-12622	0.40	0.09	4.30	V

						Piede	2.5	-14745	-110	12219	0.40	0.00	-	V
55	373	Piano 1	19	7	Q.Perm.	Testa	2.5	-47382	-96	540	0.40	0.00	-	V
						Piede	2.5	-49576	106	1945	0.40	0.00	-	V
56	491	Piano 2	19	7	Q.Perm.	Testa	2.5	-38845	-117	3695	0.40	0.00	-	V
						Piede	2.5	-41038	135	1464	0.40	0.00	-	V
57	606	Piano 3	19	7	Q.Perm.	Testa	2.5	-18313	-148	14869	0.40	0.15	2.67	V
						Piede	2.5	-20271	129	-12085	0.40	0.00	-	V
58	374	Piano 1	20	3	Q.Perm.	Testa	2.5	-64062	151	-189	0.40	0.00	-	V
						Piede	2.5	-65525	-63	519	0.40	0.00	-	V
59	492	Piano 2	20	1	Q.Perm.	Testa	2.5	-42445	109	-820	0.40	0.00	-	V
						Piede	2.5	-43664	-128	1017	0.40	0.00	-	V
60	607	Piano 3	20	1	Q.Perm.	Testa	2.5	-21208	10	-1114	0.40	0.00	-	V
						Piede	2.5	-22296	-60	791	0.40	0.00	-	V
61	650	Piano 4	20	1	Q.Perm.	Testa	2.5	-948	1372	845	0.40	0.00	-	V
						Piede	2.5	-1867	-599	-445	0.40	0.00	-	V
62	375	Piano 1	21	2	Q.Perm.	Testa	2.5	-70528	438	1932	0.40	0.00	-	V
						Piede	2.5	-72722	-319	992	0.40	0.00	-	V
63	493	Piano 2	21	2	Q.Perm.	Testa	2.5	-48373	453	-312	0.40	0.00	-	V
						Piede	2.5	-50567	-442	1477	0.40	0.00	-	V
64	608	Piano 3	21	2	Q.Perm.	Testa	2.5	-27642	226	2153	0.40	0.00	-	V
						Piede	2.5	-29599	-371	-1468	0.40	0.00	-	V
65	651	Piano 4	21	1	Q.Perm.	Testa	2.5	-9118	4549	-1957	0.40	0.08	5.26	V
						Piede	2.5	-10037	-1783	-548	0.40	0.00	-	V
66	376	Piano 1	22	15	Q.Perm.	Testa	2.5	-45703	223	276	0.40	0.00	-	V
						Piede	2.5	-48141	-252	6859	0.40	0.00	-	V
67	494	Piano 2	22	15	Q.Perm.	Testa	2.5	-28130	166	-1964	0.40	0.00	-	V
						Piede	2.5	-30568	-157	2793	0.40	0.00	-	V
68	609	Piano 3	22	15	Q.Perm.	Testa	2.5	-11597	89	-3209	0.40	0.00	-	V
						Piede	2.5	-13772	-63	1580	0.40	0.00	-	V
69	377	Piano 1	23	7	Q.Perm.	Testa	2.5	-38447	26	-3005	0.40	0.00	-	V
						Piede	2.5	-40641	-28	-8217	0.40	0.00	-	V
70	495	Piano 2	23	7	Q.Perm.	Testa	2.5	-29078	44	-437	0.40	0.00	-	V
						Piede	2.5	-31272	-31	-5372	0.40	0.00	-	V
71	610	Piano 3	23	7	Q.Perm.	Testa	2.5	-12824	-131	-12795	0.40	0.10	4.11	V
						Piede	2.5	-14782	132	12424	0.40	0.09	4.66	V
72	378	Piano 1	24	7	Q.Perm.	Testa	2.5	-44951	-99	1867	0.40	0.00	-	V
						Piede	2.5	-47145	114	709	0.40	0.00	-	V
73	496	Piano 2	24	7	Q.Perm.	Testa	2.5	-37007	-119	3608	0.40	0.00	-	V
						Piede	2.5	-39201	131	2183	0.40	0.00	-	V
74	611	Piano 3	24	7	Q.Perm.	Testa	2.5	-17363	-139	15871	0.40	0.18	2.25	V
						Piede	2.5	-19320	128	-13065	0.40	0.10	4.01	V
75	379	Piano 1	25	7	Q.Perm.	Testa	2.5	-38613	-268	-3384	0.40	0.00	-	V
						Piede	2.5	-40806	320	-8408	0.40	0.00	-	V
76	497	Piano 2	25	7	Q.Perm.	Testa	2.5	-28973	-227	-315	0.40	0.00	-	V
						Piede	2.5	-31167	232	-5789	0.40	0.00	-	V
77	612	Piano 3	25	7	Q.Perm.	Testa	2.5	-12842	-423	-12356	0.40	0.09	4.29	V
						Piede	2.5	-14799	414	12063	0.40	0.08	4.79	V
78	380	Piano 1	26	7	Q.Perm.	Testa	2.5	-48213	-39	159	0.40	0.00	-	V
						Piede	2.5	-50407	59	1630	0.40	0.00	-	V
79	498	Piano 2	26	7	Q.Perm.	Testa	2.5	-39521	-49	4008	0.40	0.00	-	V
						Piede	2.5	-41714	61	1135	0.40	0.00	-	V
80	613	Piano 3	26	7	Q.Perm.	Testa	2.5	-18585	-61	15516	0.40	0.16	2.43	V
						Piede	2.5	-20543	53	-12489	0.40	0.00	-	V
81	381	Piano 1	27	3	Q.Perm.	Testa	2.5	-52504	-569	504	0.40	0.00	-	V
						Piede	2.5	-53967	177	346	0.40	0.00	-	V
82	499	Piano 2	27	3	Q.Perm.	Testa	2.5	-37089	-911	-1	0.40	0.00	-	V
						Piede	2.5	-38551	904	301	0.40	0.00	-	V
83	614	Piano 3	27	3	Q.Perm.	Testa	2.5	-22990	-846	163	0.40	0.00	-	V
						Piede	2.5	-24295	933	-395	0.40	0.00	-	V
84	652	Piano 4	27	3	Q.Perm.	Testa	2.5	-8629	78	-18	0.40	0.00	-	V
						Piede	2.5	-9709	399	-716	0.40	0.00	-	V
85	382	Piano 1	28	12	Q.Perm.	Testa	2.5	-25873	33	-45	0.40	0.00	-	V
						Piede	2.5	-26848	-90	77	0.40	0.00	-	V
86	500	Piano 2	28	12	Q.Perm.	Testa	2.5	-19285	-73	-439	0.40	0.00	-	V
						Piede	2.5	-20260	49	473	0.40	0.00	-	V
87	615	Piano 3	28	12	Q.Perm.	Testa	2.5	-10923	-141	-330	0.40	0.00	-	V
						Piede	2.5	-11793	124	349	0.40	0.00	-	V
88	383	Piano 1	29	3	Q.Perm.	Testa	2.5	-50165	-490	150	0.40	0.00	-	V
						Piede	2.5	-51627	62	-115	0.40	0.00	-	V
89	501	Piano 2	29	3	Q.Perm.	Testa	2.5	-35830	-932	-1147	0.40	0.00	-	V
						Piede	2.5	-37293	891	1270	0.40	0.00	-	V
90	616	Piano 3	29	3	Q.Perm.	Testa	2.5	-23511	-1034	-1011	0.40	0.00	-	V

						Piede	2.5	-24816	1052	951	0.40	0.00	-	V
91	653	Piano 4	29	3	Q.Perm.	Testa	2.5	-13268	-2221	-1524	0.40	0.00	-	V
						Piede	2.5	-14348	1616	677	0.40	0.00	-	V
92	384	Piano 1	30	3	Q.Perm.	Testa	2.5	-44102	1529	464	0.40	0.00	-	V
						Piede	2.5	-45565	-617	-40	0.40	0.00	-	V
93	502	Piano 2	30	3	Q.Perm.	Testa	2.5	-31318	2104	-320	0.40	0.00	-	V
						Piede	2.5	-32780	-2268	547	0.40	0.00	-	V
94	617	Piano 3	30	3	Q.Perm.	Testa	2.5	-19103	2126	30	0.40	0.00	-	V
						Piede	2.5	-20408	-2126	-46	0.40	0.00	-	V
95	654	Piano 4	30	3	Q.Perm.	Testa	2.5	-6594	1494	1305	0.40	0.00	-	V
						Piede	2.5	-7674	-2019	-1143	0.40	0.00	-	V
96	385	Piano 1	31	2	Q.Perm.	Testa	2.5	-47185	391	318	0.40	0.00	-	V
						Piede	2.5	-49378	-266	3383	0.40	0.00	-	V
97	503	Piano 2	31	2	Q.Perm.	Testa	2.5	-29447	377	-1004	0.40	0.00	-	V
						Piede	2.5	-31640	-435	1526	0.40	0.00	-	V
98	618	Piano 3	31	2	Q.Perm.	Testa	2.5	-12585	284	-467	0.40	0.00	-	V
						Piede	2.5	-14543	-257	203	0.40	0.00	-	V
99	386	Piano 1	32	4	Q.Perm.	Testa	2.5	-15500	-10	39	0.40	0.00	-	V
						Piede	2.5	-16232	-11	-27	0.40	0.00	-	V
100	504	Piano 2	32	4	Q.Perm.	Testa	2.5	-11200	-69	-71	0.40	0.00	-	V
						Piede	2.5	-11931	53	77	0.40	0.00	-	V
101	619	Piano 3	32	4	Q.Perm.	Testa	2.5	-6476	-106	-61	0.40	0.00	-	V
						Piede	2.5	-7129	102	57	0.40	0.00	-	V
102	655	Piano 4	32	4	Q.Perm.	Testa	2.5	-1748	-131	-13	0.40	0.00	-	V
						Piede	2.5	-2288	215	6	0.40	0.00	-	V
103	387	Piano 1	33	4	Q.Perm.	Testa	2.5	-13683	27	81	0.40	0.00	-	V
						Piede	2.5	-14414	-40	-67	0.40	0.00	-	V
104	505	Piano 2	33	4	Q.Perm.	Testa	2.5	-10724	-69	-23	0.40	0.00	-	V
						Piede	2.5	-11456	28	31	0.40	0.00	-	V
105	620	Piano 3	33	4	Q.Perm.	Testa	2.5	-7012	-167	-10	0.40	0.00	-	V
						Piede	2.5	-7664	141	5	0.40	0.00	-	V
106	656	Piano 4	33	4	Q.Perm.	Testa	2.5	-2071	-162	35	0.40	0.00	-	V
						Piede	2.5	-2611	205	-46	0.40	0.00	-	V
107	388	Piano 1	34	7	Q.Perm.	Testa	2.5	-35780	-996	-3330	0.40	0.00	-	V
						Piede	2.5	-37973	987	-8263	0.40	0.00	-	V
108	506	Piano 2	34	7	Q.Perm.	Testa	2.5	-28800	-726	-670	0.40	0.00	-	V
						Piede	2.5	-30994	887	-3812	0.40	0.00	-	V
109	621	Piano 3	34	7	Q.Perm.	Testa	2.5	-12528	-1040	-12950	0.40	0.14	2.91	V
						Piede	2.5	-14486	904	12248	0.40	0.11	3.51	V
110	389	Piano 1	35	7	Q.Perm.	Testa	2.5	-45910	66	1433	0.40	0.00	-	V
						Piede	2.5	-48104	-108	-254	0.40	0.00	-	V
111	507	Piano 2	35	7	Q.Perm.	Testa	2.5	-37699	-81	4302	0.40	0.00	-	V
						Piede	2.5	-39893	38	1935	0.40	0.00	-	V
112	622	Piano 3	35	7	Q.Perm.	Testa	2.5	-17916	-63	15886	0.40	0.18	2.28	V
						Piede	2.5	-19873	100	-12606	0.40	0.09	4.65	V
113	390	Piano 1	36	12	Q.Perm.	Testa	2.5	-25525	77	106	0.40	0.00	-	V
						Piede	2.5	-26500	-117	-15	0.40	0.00	-	V
114	508	Piano 2	36	12	Q.Perm.	Testa	2.5	-17124	-31	61	0.40	0.00	-	V
						Piede	2.5	-18099	-3	3	0.40	0.00	-	V
115	623	Piano 3	36	12	Q.Perm.	Testa	2.5	-9393	-225	-18	0.40	0.00	-	V
						Piede	2.5	-10263	134	-75	0.40	0.00	-	V
116	391	Piano 1	37	4	Q.Perm.	Testa	2.5	-13769	67	122	0.40	0.00	-	V
						Piede	2.5	-14500	-97	-78	0.40	0.00	-	V
117	509	Piano 2	37	4	Q.Perm.	Testa	2.5	-10189	25	92	0.40	0.00	-	V
						Piede	2.5	-10920	-27	-74	0.40	0.00	-	V
118	624	Piano 3	37	4	Q.Perm.	Testa	2.5	-6552	23	142	0.40	0.00	-	V
						Piede	2.5	-7204	-18	-133	0.40	0.00	-	V
119	657	Piano 4	37	4	Q.Perm.	Testa	2.5	-2107	-175	115	0.40	0.00	-	V
						Piede	2.5	-2647	145	-194	0.40	0.00	-	V
120	392	Piano 1	38	4	Q.Perm.	Testa	2.5	-9622	122	117	0.40	0.00	-	V
						Piede	2.5	-10353	-201	-94	0.40	0.00	-	V
121	510	Piano 2	38	4	Q.Perm.	Testa	2.5	-8172	42	60	0.40	0.00	-	V
						Piede	2.5	-8904	-45	-47	0.40	0.00	-	V
122	625	Piano 3	38	4	Q.Perm.	Testa	2.5	-7016	44	64	0.40	0.00	-	V
						Piede	2.5	-7668	-35	-77	0.40	0.00	-	V
123	658	Piano 4	38	4	Q.Perm.	Testa	2.5	-6359	206	139	0.40	0.00	-	V
						Piede	2.5	-6899	-104	-142	0.40	0.00	-	V
124	393	Piano 1	39	2	Q.Perm.	Testa	2.5	-39314	-1307	-1712	0.40	0.00	-	V
						Piede	2.5	-41508	1638	-11899	0.40	0.10	3.81	V
125	511	Piano 2	39	7	Q.Perm.	Testa	2.5	-25644	-1074	-6492	0.40	0.00	-	V
						Piede	2.5	-27838	1061	7300	0.40	0.00	-	V
126	626	Piano 3	39	2	Q.Perm.	Testa	2.5	-8768	-1185	-6539	0.40	0.00	-	V

						Piede	2.5	-10726	1267	6561	0.40	0.00	-	V
127	394	Piano 1	41	16	Q.Perm.	Testa	2.5	-25879	-170	-369	0.40	0.00	-	V
						Piede	2.5	-27585	-230	127	0.40	0.00	-	V
128	512	Piano 2	41	3	Q.Perm.	Testa	2.5	-18174	-445	-582	0.40	0.00	-	V
						Piede	2.5	-19636	431	539	0.40	0.00	-	V
129	627	Piano 3	41	3	Q.Perm.	Testa	2.5	-10858	-451	-665	0.40	0.00	-	V
						Piede	2.5	-12163	482	634	0.40	0.00	-	V
130	659	Piano 4	41	3	Q.Perm.	Testa	2.5	-4738	-1306	-579	0.40	0.00	-	V
						Piede	2.5	-5818	725	858	0.40	0.00	-	V
131	395	Piano 1	42	3	Q.Perm.	Testa	2.5	-28538	-1481	307	0.40	0.00	-	V
						Piede	2.5	-30000	303	-204	0.40	0.00	-	V
132	513	Piano 2	42	3	Q.Perm.	Testa	2.5	-19834	-1623	132	0.40	0.00	-	V
						Piede	2.5	-21296	1796	-169	0.40	0.00	-	V
133	628	Piano 3	42	3	Q.Perm.	Testa	2.5	-11082	-1698	106	0.40	0.00	-	V
						Piede	2.5	-12387	1635	-102	0.40	0.00	-	V
134	660	Piano 4	42	3	Q.Perm.	Testa	2.5	-2461	-304	-264	0.40	0.00	-	V
						Piede	2.5	-3541	1552	113	0.40	0.00	-	V
135	396	Piano 1	43	3	Q.Perm.	Testa	2.5	-32469	-1228	490	0.40	0.00	-	V
						Piede	2.5	-33931	-56	-361	0.40	0.00	-	V
136	514	Piano 2	43	3	Q.Perm.	Testa	2.5	-21513	-1767	511	0.40	0.00	-	V
						Piede	2.5	-22975	1911	-435	0.40	0.00	-	V
137	629	Piano 3	43	3	Q.Perm.	Testa	2.5	-11714	-1858	743	0.40	0.00	-	V
						Piede	2.5	-13019	1828	-640	0.40	0.00	-	V
138	661	Piano 4	43	3	Q.Perm.	Testa	2.5	-3349	-1163	-132	0.40	0.00	-	V
						Piede	2.5	-4429	1717	-465	0.40	0.00	-	V
139	397	Piano 1	44	2	Q.Perm.	Testa	2.5	-24460	-549	317	0.40	0.00	-	V
						Piede	2.5	-26654	-831	1239	0.40	0.00	-	V
140	515	Piano 2	44	2	Q.Perm.	Testa	2.5	-15076	-1236	654	0.40	0.00	-	V
						Piede	2.5	-17270	1429	-667	0.40	0.00	-	V
141	630	Piano 3	44	2	Q.Perm.	Testa	2.5	-5469	-1348	1331	0.40	0.00	-	V
						Piede	2.5	-7427	1314	-817	0.40	0.00	-	V
142	398	Piano 1	45	3	Q.Perm.	Testa	2.5	-21610	-990	-3072	0.40	0.00	-	V
						Piede	2.5	-23095	759	-2020	0.40	0.00	-	V
143	516	Piano 2	45	3	Q.Perm.	Testa	2.5	-8514	-1319	-6116	0.40	0.19	2.10	V
						Piede	2.5	-9999	1239	6277	0.40	0.19	2.05	V
144	399	Piano 1	46	3	Q.Perm.	Testa	2.5	-18592	-37	3186	0.40	0.00	-	V
						Piede	2.5	-20077	-126	966	0.40	0.00	-	V
145	517	Piano 2	46	3	Q.Perm.	Testa	2.5	-7597	-211	6540	0.40	0.09	4.68	V
						Piede	2.5	-9082	180	-6537	0.40	0.08	4.84	V
146	400	Piano 1	50	3	Q.Perm.	Testa	2.5	-24862	100	-136	0.40	0.00	-	V
						Piede	2.5	-26460	-161	580	0.40	0.00	-	V
147	518	Piano 2	50	3	Q.Perm.	Testa	2.5	-17659	68	-1063	0.40	0.00	-	V
						Piede	2.5	-19122	-41	1467	0.40	0.00	-	V
148	631	Piano 3	50	3	Q.Perm.	Testa	2.5	-8683	33	-447	0.40	0.00	-	V
						Piede	2.5	-9988	-45	583	0.40	0.00	-	V

4.3.2 Travi di Elevazione.

4.3.2.1 Verifiche Travi di Elevazione in C.A. .

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative alle travi di elevazione della struttura.

4.3.2.1.1 Verifiche SLV - Flessione Composta

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
$\varepsilon c2$: deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
$\varepsilon cu2$: deformazione ultima di contrazione del calcestruzzo;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
A_{sup} : valore dell'area di armatura presente all'estradosso;

A_{inf} : valore dell'area di armatura presente all'intradosso;
A_{fl} : valore dell'area di armatura presente nella sezione;

Azioni Sollecitanti:
N_{Sd} : Sforzo Normale Sollecitante;
M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

εCls : deformazione massima del calcestruzzo compresso
εacc : deformazione massima dell'armatura tesa

Azioni Resistenti:
N_{Rd} : Sforzo Normale Resistente;
M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

C : campo di rottura
S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 15.I

												Azioni Sollecitanti					Azioni Resistenti					
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**εc2 [‰]**	**εcu 2 [‰]**	**X [cm]**	**Cop [cm]**	**A_{sup} [cm²]**	**A_{inf} [cm²]**	**A_{fl} [cm²]**	**N_{sd} [daN]**	**M_{sdxz} [daNm]**	**M_{sdxy} [daNm]**	**εcls [‰]**	**εacc [‰]**	**N_{rd} [daN]**	**M_{rdxz} [daNm]**	**M_{rdxy} [daNm]**	**C**	**S**	**Esito**
1	272	Piano 1	1-2	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9766	-	3.50	35.35	0	-12514	-	3	1.28	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	7342	-	3.50	35.35	0	12514	-	3	1.70	V
					2.00	3.50	530	2.5	6.03	6.03	13.63	0	-10921	-	3.50	35.35	0	-12514	-	3	1.15	V
2	273	Piano 1	1-7	5	2.00	3.50	0	2.5	12.06	10.05	23.69	0	16817	-	3.50	31.52	0	20600	-	3	1.22	V
					2.00	3.50	34	2.5	12.06	8.04	21.68	0	13530	-	3.50	34.72	0	16558	-	3	1.22	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-13117	-	3.50	32.14	0	-16557	-	3	1.26	V
3	274	Piano 1	2-3	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-11050	-	3.50	35.35	0	-12514	-	3	1.13	V
					2.00	3.50	43	2.5	6.03	6.03	13.63	0	-7487	-	3.50	35.35	0	-12514	-	3	1.67	V
					2.00	3.50	405	2.5	6.03	6.03	13.63	0	-9641	-	3.50	35.35	0	-12514	-	3	1.30	V
4	275	Piano 1	2-8	14	2.00	3.50	0	2.5	8.04	8.04	16.08	0	4098	-	3.50	11.26	0	5478	-	3	1.34	V
					2.00	3.50	34	2.5	6.03	6.03	12.06	0	3375	-	3.50	12.78	2	4251	-	3	1.26	V
					2.00	3.50	305	2.5	6.03	6.03	12.06	0	-3205	-	3.50	12.78	2	-4251	-	3	1.33	V
5	276	Piano 1	3-4	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-11177	-	3.50	35.35	0	-12514	-	3	1.12	V
					2.00	3.50	280	2.5	6.03	6.03	13.63	0	8213	-	3.50	35.35	0	12514	-	3	1.52	V
					2.00	3.50	375	2.5	6.03	6.03	13.63	0	10277	-	3.50	35.35	0	12514	-	3	1.22	V
6	277	Piano 1	3-9	14	2.00	3.50	0	2.5	8.04	6.03	14.07	0	3668	-	3.50	12.74	-1	4252	-	3	1.16	V
					2.00	3.50	34	2.5	6.03	6.03	12.06	0	3377	-	3.50	12.78	2	4251	-	3	1.26	V
					2.00	3.50	305	2.5	6.03	6.03	12.06	0	-3895	-	3.50	12.78	2	-4251	-	3	1.09	V
7	278	Piano 1	4-5	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	1066	-	3.50	35.35	0	12514	-	3	11.74	V
					2.00	3.50	74	2.5	6.03	6.03	13.63	0	-1678	-	3.50	35.35	0	-12514	-	3	7.46	V
					2.00	3.50	365	2.5	6.03	6.03	13.63	0	4908	-	3.50	35.35	0	12514	-	3	2.55	V
8	282	Piano 1	4-13	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-21619	-	3.50	33.65	-1	-24521	-	3	1.13	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	16522	-	3.50	38.53	1	19704	-	3	1.19	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-19221	-	3.50	33.65	-1	-24521	-	3	1.28	V
9	283	Piano 1	5-6	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	4250	-	3.50	35.35	0	12514	-	3	2.94	V
					2.00	3.50	50	2.5	6.03	6.03	13.63	0	-1583	-	3.50	35.35	0	-12514	-	3	7.90	V
					2.00	3.50	490	2.5	6.03	6.03	13.63	0	5039	-	3.50	35.35	0	12514	-	3	2.48	V
10	288	Piano 1	5-14	9	2.00	3.50	0	2.5	15.27	10.18	27.02	0	21449	-	3.50	38.84	2	24775	-	3	1.16	V
					2.00	3.50	218	2.5	7.63	7.63	16.84	0	16534	-	3.50	38.42	0	18682	-	3	1.13	V
					2.00	3.50	610	2.5	12.72	7.63	21.93	0	-26168	-	3.50	26.70	-1	-30794	-	3	1.18	V
11	289	Piano 1	6-15	9	2.00	3.50	0	2.5	12.72	10.18	24.47	0	-28446	-	3.50	30.27	0	-30838	-	3	1.08	V
					2.00	3.50	73	2.5	10.18	10.18	21.93	0	20994	-	3.50	35.16	1	24770	-	3	1.18	V
					2.00	3.50	610	2.5	12.72	7.63	21.93	0	-25178	-	3.50	26.70	-1	-30794	-	3	1.22	V
12	290	Piano 1	7-8	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8509	-	3.50	35.35	0	-12514	-	3	1.47	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	7191	-	3.50	35.35	0	12514	-	3	1.74	V
					2.00	3.50	530	2.5	8.04	6.03	15.65	0	-11672	-	3.50	30.08	0	-16552	-	3	1.42	V
13	291	Piano 1	7-10	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	10642	-	3.50	36.57	0	12513	-	3	1.18	V
					2.00	3.50	241	2.5	8.04	6.03	15.65	0	10202	-	3.50	36.57	0	12513	-	3	1.23	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	12627	-	3.50	32.14	0	16557	-	3	1.31	V
14	292	Piano 1	8-9	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-11285	-	3.50	35.35	0	-12514	-	3	1.11	V
					2.00	3.50	302	2.5	6.03	6.03	13.63	0	7585	-	3.50	35.35	0	12514	-	3	1.65	V
					2.00	3.50	405	2.5	6.03	6.03	13.63	0	-9966	-	3.50	35.35	0	-12514	-	3	1.26	V
15	293	Piano 1	8-11	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	13554	-	3.50	32.14	0	16557	-	3	1.22	V
					2.00	3.50	241	2.5	8.04	8.04	17.66	0	11396	-	3.50	32.14	0	16557	-	3	1.45	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	14466	-	3.50	32.14	0	16557	-	3	1.14	V
16	294	Piano 1	9-12	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	11406	-	3.50	36.57	0	12513	-	3	1.10	V
					2.00	3.50	34	2.5	8.04	6.03	15.65	0	9219	-	3.50	36.57	0	12513	-	3	1.36	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	-11653	-	3.50	30.08	0	-16552	-	3	1.42	V
17	295	Piano 1	10-11	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	8858	-	3.50	35.35	0	12514	-	3	1.41	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	8135	-	3.50	35.35	0	12514	-	3	1.54	V
					2.00	3.50	530	2.5	6.03	6.03	13.63	0	-11478	-	3.50	35.35	0	-12514	-	3	1.09	V
18	296	Piano 1	10-16	5	2.00	3.50	0	2.5	10.05	6.03	17.66	0	10601	-	3.50	37.41	0	12512	-	3	1.18	V
					2.00	3.50	241	2.5	8.04	6.03	15.65	0	10626	-	3.50	36.57	0	12513	-	3	1.18	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	13491	-	3.50	32.14	0	16557	-	3	1.23	V
19	297	Piano 1	11-1	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-11573	-	3.50	35.35	0	-12514	-	3	1.08	V

			2																			
					2.00	3.50	298	2.5	6.03	6.03	13.63	0	8055	-	3.50	35.35	0	12514	-	3	1.55	V
					2.00	3.50	415	2.5	6.03	6.03	13.63	0	9879	-	3.50	35.35	0	12514	-	3	1.27	V
20	298	Piano 1	12-13	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-1801	-	3.50	12.78	2	-4251	-	3	2.36	V
					2.00	3.50	37	2.5	6.03	6.03	12.06	0	-1187	-	3.50	12.78	2	-4251	-	3	3.58	V
					2.00	3.50	365	2.5	6.03	6.03	12.06	0	1181	-	3.50	12.78	2	4251	-	3	3.60	V
21	299	Piano 1	12-17	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12329	-	3.50	30.08	0	-16552	-	3	1.34	V
					2.00	3.50	241	2.5	8.04	6.03	15.65	0	8717	-	3.50	36.57	0	12513	-	3	1.44	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	10927	-	3.50	36.57	0	12513	-	3	1.15	V
22	300	Piano 1	13-14	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8990	-	3.50	35.35	0	-12514	-	3	1.39	V
					2.00	3.50	258	2.5	6.03	6.03	13.63	0	7653	-	3.50	35.35	0	12514	-	3	1.64	V
					2.00	3.50	365	2.5	6.03	6.03	13.63	0	9733	-	3.50	35.35	0	12514	-	3	1.29	V
23	301	Piano 1	13-20	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-14772	-	3.50	38.53	1	-19704	-	3	1.33	V
					2.00	3.50	508	2.5	8.04	8.04	17.66	0	-8467	-	3.50	38.53	1	-19704	-	3	2.33	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-15438	-	3.50	38.53	1	-19704	-	3	1.28	V
24	302	Piano 1	14-15	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10946	-	3.50	35.35	0	-12514	-	3	1.14	V
					2.00	3.50	350	2.5	6.03	6.03	13.63	0	8370	-	3.50	35.35	0	12514	-	3	1.50	V
					2.00	3.50	490	2.5	6.03	6.03	13.63	0	10584	-	3.50	35.35	0	12514	-	3	1.18	V
25	303	Piano 1	14-21	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-21013	-	3.50	33.65	-1	-24521	-	3	1.17	V
					2.00	3.50	508	2.5	8.04	8.04	17.66	0	-13219	-	3.50	38.53	1	-19704	-	3	1.49	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-22219	-	3.50	33.65	-1	-24521	-	3	1.10	V
26	304	Piano 1	15-22	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-21070	-	3.50	33.65	-1	-24521	-	3	1.16	V
					2.00	3.50	508	2.5	8.04	8.04	17.66	0	-13494	-	3.50	38.53	1	-19704	-	3	1.46	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-21755	-	3.50	33.65	-1	-24521	-	3	1.13	V
27	305	Piano 1	16-18	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-14495	-	3.50	32.14	0	-16557	-	3	1.14	V
					2.00	3.50	241	2.5	8.04	8.04	17.66	0	10168	-	3.50	32.14	0	16557	-	3	1.63	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-13812	-	3.50	32.14	0	-16557	-	3	1.20	V
28	306	Piano 1	17-19	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	11430	-	3.50	36.57	0	12513	-	3	1.09	V
					2.00	3.50	34	2.5	8.04	6.03	15.65	0	9088	-	3.50	36.57	0	12513	-	3	1.38	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	11088	-	3.50	36.57	0	12513	-	3	1.13	V
29	307	Piano 1	18-23	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-14221	-	3.50	32.14	0	-16557	-	3	1.16	V
					2.00	3.50	34	2.5	8.04	8.04	17.66	0	-9958	-	3.50	32.14	0	-16557	-	3	1.66	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-14023	-	3.50	32.14	0	-16557	-	3	1.18	V
30	308	Piano 1	19-20	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2290	-	3.50	12.78	2	-4251	-	3	1.86	V
					2.00	3.50	36	2.5	6.03	6.03	12.06	0	-1602	-	3.50	12.78	2	-4251	-	3	2.65	V
					2.00	3.50	360	2.5	6.03	6.03	12.06	0	1582	-	3.50	12.78	2	4251	-	3	2.69	V
31	309	Piano 1	19-24	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	11261	-	3.50	36.57	0	12513	-	3	1.11	V
					2.00	3.50	34	2.5	8.04	6.03	15.65	0	8899	-	3.50	36.57	0	12513	-	3	1.41	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	10642	-	3.50	36.57	0	12513	-	3	1.18	V
32	310	Piano 1	20-21	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	9790	-	3.50	36.57	0	12513	-	3	1.28	V
					2.00	3.50	254	2.5	6.03	6.03	13.63	0	9495	-	3.50	35.35	0	12514	-	3	1.32	V
					2.00	3.50	365	2.5	6.03	8.04	15.65	0	-10606	-	3.50	36.57	0	-12513	-	3	1.18	V
33	311	Piano 1	20-27	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-17339	-	3.50	38.53	1	-19704	-	3	1.14	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-9312	-	3.50	38.53	1	-19704	-	3	2.12	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-15379	-	3.50	38.53	1	-19704	-	3	1.28	V
34	312	Piano 1	21-29	9	2.00	3.50	0	2.5	12.06	8.04	21.68	0	-23317	-	3.50	29.17	-1	-29317	-	3	1.26	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-13706	-	3.50	38.53	1	-19704	-	3	1.44	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-17093	-	3.50	38.53	1	-19704	-	3	1.15	V
35	313	Piano 1	21-50	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	10183	-	3.50	35.35	0	12514	-	3	1.23	V
					2.00	3.50	11	2.5	6.03	6.03	13.63	0	7948	-	3.50	35.35	0	12514	-	3	1.57	V
					2.00	3.50	165	2.5	6.03	6.03	13.63	0	-7895	-	3.50	35.35	0	-12514	-	3	1.58	V
36	314	Piano 1	22-31	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-22453	-	3.50	33.65	-1	-24521	-	3	1.09	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-13887	-	3.50	38.53	1	-19704	-	3	1.42	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-21512	-	3.50	33.65	-1	-24521	-	3	1.14	V
37	315	Piano 1	50-22	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-11261	-	3.50	35.35	0	-12514	-	3	1.11	V
					2.00	3.50	214	2.5	6.03	6.03	13.63	0	10969	-	3.50	35.35	0	12514	-	3	1.14	V
					2.00	3.50	325	2.5	6.03	8.04	15.65	0	13939	-	3.50	30.08	0	16552	-	3	1.19	V
38	316	Piano 1	23-25	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-14042	-	3.50	32.14	0	-16557	-	3	1.18	V
					2.00	3.50	241	2.5	8.04	8.04	17.66	0	-10217	-	3.50	32.14	0	-16557	-	3	1.62	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-14452	-	3.50	32.14	0	-16557	-	3	1.15	V
39	317	Piano 1	24-26	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	10909	-	3.50	36.57	0	12513	-	3	1.15	V
					2.00	3.50	241	2.5	8.04	6.03	15.65	0	8778	-	3.50	36.57	0	12513	-	3	1.43	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	11090	-	3.50	36.57	0	12513	-	3	1.13	V
40	318	Piano 1	25-34	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-13446	-	3.50	32.14	0	-16557	-	3	1.23	V
					2.00	3.50	36	2.5	8.04	8.04	17.66	0	9946	-	3.50	32.14	0	16557	-	3	1.66	V
					2.00	3.50	315	2.5	8.04	8.04	17.66	0	-14140	-	3.50	32.14	0	-16557	-	3	1.17	V
41	319	Piano 1	26-27	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2722	-	3.50	12.78	2	-4251	-	3	1.56	V
					2.00	3.50	38	2.5	6.03	6.03	12.06	0	-1892	-	3.50	12.78	2	-4251	-	3	2.25	V
					2.00	3.50	375	2.5	6.03	6.03	12.06	0	-2113	-	3.50	12.78	2	-4251	-	3	2.01	V
42	320	Piano 1	26-35	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	10790	-	3.50	36.57	0	12513	-	3	1.16	V
					2.00	3.50	249	2.5	8.04	6.03	15.65	0	9214	-	3.50	36.57	0	12513	-	3	1.36	V
					2.00	3.50	315	2.5	8.04	6.03	15.65	0	11479	-	3.50	36.57	0	12513	-	3	1.09	V
43	321	Piano 1	28-27	13	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-4029	-	3.50	25.74	0	-13410	-	3	3.33	V

					2.00	3.50	79	2.5	8.04	8.04	17.66	0	-8240	-	3.50	25.74	0	-13410	-	3	1.63	V
					2.00	3.50	140	2.5	8.04	8.04	17.66	0	-9852	-	3.50	25.74	0	-13410	-	3	1.36	V
44	322	Piano 1	27-36	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10847	-	3.50	35.35	0	-12514	-	3	1.15	V
					2.00	3.50	49	2.5	6.03	6.03	13.63	0	-7647	-	3.50	35.35	0	-12514	-	3	1.64	V
					2.00	3.50	420	2.5	6.03	6.03	13.63	0	-6457	-	3.50	35.35	0	-12514	-	3	1.94	V
45	323	Piano 1	29-28	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	8698	-	3.50	28.38	-1	10154	-	3	1.17	V
					2.00	3.50	18	2.5	6.03	6.03	13.63	0	7009	-	3.50	28.38	-1	10154	-	3	1.45	V
					2.00	3.50	195	2.5	6.03	6.03	13.63	0	-6452	-	3.50	28.38	-1	-10154	-	3	1.57	V
46	324	Piano 1	32-28	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-5658	-	3.50	35.35	0	-12514	-	3	2.21	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	8599	-	3.50	35.35	0	12514	-	3	1.46	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	10312	-	3.50	35.35	0	12514	-	3	1.21	V
47	325	Piano 1	29-30	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10929	-	3.50	35.35	0	-12514	-	3	1.15	V
					2.00	3.50	19	2.5	6.03	6.03	13.63	0	8416	-	3.50	35.35	0	12514	-	3	1.49	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	10370	-	3.50	35.35	0	12514	-	3	1.21	V
48	326	Piano 1	29-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10064	-	3.50	35.35	0	-12514	-	3	1.24	V
					2.00	3.50	23	2.5	6.03	6.03	13.63	0	-8061	-	3.50	35.35	0	-12514	-	3	1.55	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-5896	-	3.50	35.35	0	-12514	-	3	2.12	V
49	327	Piano 1	30-31	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12173	-	3.50	30.08	0	-16552	-	3	1.36	V
					2.00	3.50	193	2.5	6.03	8.04	15.65	0	-10166	-	3.50	36.57	0	-12513	-	3	1.23	V
					2.00	3.50	295	2.5	8.04	10.05	19.67	0	-13013	-	3.50	33.62	-1	-16558	-	3	1.27	V
50	328	Piano 1	43-30	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-19292	-	3.50	33.65	-1	-24521	-	3	1.27	V
					2.00	3.50	75	2.5	10.05	8.04	19.67	0	14598	-	3.50	40.28	-1	19705	-	3	1.35	V
					2.00	3.50	630	2.5	10.05	8.04	19.67	0	-20013	-	3.50	33.65	-1	-24521	-	3	1.23	V
51	329	Piano 1	31-44	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-22403	-	3.50	33.65	-1	-24521	-	3	1.09	V
					2.00	3.50	525	2.5	8.04	8.04	17.66	0	16829	-	3.50	38.53	1	19704	-	3	1.17	V
					2.00	3.50	630	2.5	10.05	8.04	19.67	0	17965	-	3.50	40.28	-1	19705	-	3	1.10	V
52	330	Piano 1	32-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	3817	-	3.50	35.35	0	12514	-	3	3.28	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	3763	-	3.50	35.35	0	12514	-	3	3.33	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	4734	-	3.50	35.35	0	12514	-	3	2.64	V
53	331	Piano 1	32-37	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4936	-	3.50	35.35	0	-12514	-	3	2.54	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	6592	-	3.50	35.35	0	12514	-	3	1.90	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	8128	-	3.50	35.35	0	12514	-	3	1.54	V
54	332	Piano 1	33-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4200	-	3.50	35.35	0	-12514	-	3	2.98	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	6742	-	3.50	35.35	0	12514	-	3	1.86	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	8191	-	3.50	35.35	0	12514	-	3	1.53	V
55	333	Piano 1	34-39	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	13379	-	3.50	32.14	0	16557	-	3	1.24	V
					2.00	3.50	36	2.5	8.04	8.04	17.66	0	10161	-	3.50	32.14	0	16557	-	3	1.63	V
					2.00	3.50	315	2.5	10.05	8.04	19.67	0	-16285	-	3.50	28.00	0	-20587	-	3	1.26	V
56	334	Piano 1	35-40	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	10876	-	3.50	36.57	0	12513	-	3	1.15	V
					2.00	3.50	249	2.5	8.04	6.03	15.65	0	10342	-	3.50	36.57	0	12513	-	3	1.21	V
					2.00	3.50	315	2.5	8.04	8.04	17.66	0	-14987	-	3.50	32.14	0	-16557	-	3	1.10	V
57	335	Piano 1	37-36	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3175	-	3.50	28.38	-1	-10154	-	3	3.20	V
					2.00	3.50	101	2.5	6.03	6.03	13.63	0	7576	-	3.50	28.38	-1	10154	-	3	1.34	V
					2.00	3.50	150	2.5	6.03	6.03	13.63	0	8964	-	3.50	28.38	-1	10154	-	3	1.13	V
58	336	Piano 1	36-41	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-7847	-	3.50	35.35	0	-12514	-	3	1.59	V
					2.00	3.50	135	2.5	6.03	6.03	13.63	0	11016	-	3.50	35.35	0	12514	-	3	1.14	V
					2.00	3.50	210	2.5	8.04	10.05	19.67	0	16626	-	3.50	28.00	0	20587	-	3	1.24	V
59	337	Piano 1	37-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-2933	-	3.50	35.35	0	-12514	-	3	4.27	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	-4256	-	3.50	35.35	0	-12514	-	3	2.94	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-5248	-	3.50	35.35	0	-12514	-	3	2.38	V
60	338	Piano 1	45-39	13	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-14857	-	3.50	22.34	-1	-16654	-	3	1.12	V
					2.00	3.50	41	2.5	8.04	6.03	15.65	0	8500	-	3.50	29.38	0	10153	-	3	1.19	V
					2.00	3.50	360	2.5	6.03	8.04	15.65	0	-9297	-	3.50	29.38	0	-10153	-	3	1.09	V
61	339	Piano 1	39-49	5	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-15656	-	3.50	28.00	0	-20587	-	3	1.31	V
					2.00	3.50	88	2.5	6.03	8.04	15.65	0	-9166	-	3.50	36.57	0	-12513	-	3	1.37	V
					2.00	3.50	750	2.5	6.03	8.04	15.65	0	-108	-	3.50	36.57	0	-12513	-	3	116.18	V
62	340	Piano 1	41-40	9	2.00	3.50	0	2.5	12.06	12.06	25.70	0	-24588	-	3.50	34.17	0	-29354	-	3	1.19	V
					2.00	3.50	78	2.5	8.04	8.04	17.66	0	16699	-	3.50	38.53	1	19704	-	3	1.18	V
					2.00	3.50	360	2.5	8.04	8.04	17.66	0	-8510	-	3.50	38.53	1	-19704	-	3	2.32	V
63	341	Piano 1	46-40	13	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-10854	-	3.50	25.74	0	-13410	-	3	1.24	V
					2.00	3.50	42	2.5	6.03	6.03	13.63	0	-8257	-	3.50	28.38	-1	-10154	-	3	1.23	V
					2.00	3.50	366	2.5	8.04	6.03	15.65	0	-10452	-	3.50	24.05	0	-13405	-	3	1.28	V
64	342	Piano 1	41-42	5	2.00	3.50	0	2.5	10.05	8.04	19.67	0	14252	-	3.50	33.62	-1	16558	-	3	1.16	V
					2.00	3.50	232	2.5	6.03	8.04	15.65	0	-11173	-	3.50	36.57	0	-12513	-	3	1.12	V
					2.00	3.50	330	2.5	10.05	8.04	19.67	0	14375	-	3.50	33.62	-1	16558	-	3	1.15	V
65	343	Piano 1	42-43	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-14102	-	3.50	32.14	0	-16557	-	3	1.17	V
					2.00	3.50	131	2.5	8.04	8.04	17.66	0	10867	-	3.50	32.14	0	16557	-	3	1.52	V
					2.00	3.50	210	2.5	8.04	8.04	17.66	0	14281	-	3.50	32.14	0	16557	-	3	1.16	V
66	344	Piano 1	43-44	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-12427	-	3.50	32.14	0	-16557	-	3	1.33	V
					2.00	3.50	193	2.5	8.04	8.04	17.66	0	-13630	-	3.50	32.14	0	-16557	-	3	1.21	V
					2.00	3.50	295	2.5	10.05	10.05	21.68	0	-17594	-	3.50	29.99	0	-20596	-	3	1.17	V
67	345	Piano 1	45-46	13	2.00	3.50	0	2.5	12.06	8.04	21.68	0	-17915	-	3.50	19.23	1	-19875	-	3	1.11	V

					2.00	3.50	377	2.5	12.06	8.04	21.68	0	9850	-	3.50	27.86	-1	13411	-	3	1.36	V
					2.00	3.50	813	2.5	12.06	8.04	21.68	0	-18314	-	3.50	19.23	1	-19875	-	3	1.09	V
68	401	Piano 2	1-2	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-13364	-	3.50	30.08	0	-16552	-	3	1.24	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	8879	-	3.50	35.35	0	12514	-	3	1.41	V
					2.00	3.50	530	2.5	8.04	6.03	15.65	0	-13091	-	3.50	30.08	0	-16552	-	3	1.26	V
69	402	Piano 2	1-7	13	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-13212	-	3.50	22.34	-1	-16654	-	3	1.26	V
					2.00	3.50	34	2.5	8.04	6.03	15.65	0	8263	-	3.50	29.38	0	10153	-	3	1.23	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-9305	-	3.50	28.38	-1	-10154	-	3	1.09	V
70	403	Piano 2	2-3	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-13518	-	3.50	30.08	0	-16552	-	3	1.22	V
					2.00	3.50	43	2.5	6.03	6.03	13.63	0	-9331	-	3.50	35.35	0	-12514	-	3	1.34	V
					2.00	3.50	405	2.5	8.04	6.03	15.65	0	9842	-	3.50	36.57	0	12513	-	3	1.27	V
71	404	Piano 2	2-8	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-3153	-	3.50	12.78	2	-4251	-	3	1.35	V
					2.00	3.50	34	2.5	6.03	6.03	12.06	0	2396	-	3.50	12.78	2	4251	-	3	1.77	V
					2.00	3.50	305	2.5	6.03	6.03	12.06	0	-2603	-	3.50	12.78	2	-4251	-	3	1.63	V
72	405	Piano 2	3-4	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	10317	-	3.50	36.57	0	12513	-	3	1.21	V
					2.00	3.50	40	2.5	6.03	6.03	13.63	0	-9968	-	3.50	35.35	0	-12514	-	3	1.26	V
					2.00	3.50	375	2.5	6.03	6.03	13.63	0	-10812	-	3.50	35.35	0	-12514	-	3	1.16	V
73	406	Piano 2	3-9	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-3454	-	3.50	12.78	2	-4251	-	3	1.23	V
					2.00	3.50	34	2.5	6.03	6.03	12.06	0	2340	-	3.50	12.78	2	4251	-	3	1.82	V
					2.00	3.50	305	2.5	6.03	6.03	12.06	0	-3522	-	3.50	12.78	2	-4251	-	3	1.21	V
74	407	Piano 2	4-5	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-6731	-	3.50	35.35	0	-12514	-	3	1.86	V
					2.00	3.50	258	2.5	6.03	6.03	13.63	0	8396	-	3.50	35.35	0	12514	-	3	1.49	V
					2.00	3.50	365	2.5	6.03	6.03	13.63	0	-10390	-	3.50	35.35	0	-12514	-	3	1.20	V
75	408	Piano 2	4-13	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-12276	-	3.50	38.53	1	-19704	-	3	1.61	V
					2.00	3.50	145	2.5	8.04	8.04	17.66	0	9837	-	3.50	38.53	1	19704	-	3	2.00	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-15563	-	3.50	38.53	1	-19704	-	3	1.27	V
76	409	Piano 2	5-6	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12492	-	3.50	30.08	0	-16552	-	3	1.33	V
					2.00	3.50	350	2.5	6.03	6.03	13.63	0	9103	-	3.50	35.35	0	12514	-	3	1.37	V
					2.00	3.50	490	2.5	6.03	6.03	13.63	0	-11231	-	3.50	35.35	0	-12514	-	3	1.11	V
77	410	Piano 2	5-14	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-17827	-	3.50	38.53	1	-19704	-	3	1.11	V
					2.00	3.50	145	2.5	8.04	8.04	17.66	0	11973	-	3.50	38.53	1	19704	-	3	1.65	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-21074	-	3.50	33.65	-1	-24521	-	3	1.16	V
78	411	Piano 2	6-15	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-19305	-	3.50	33.65	-1	-24521	-	3	1.27	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	13163	-	3.50	38.53	1	19704	-	3	1.50	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-20960	-	3.50	33.65	-1	-24521	-	3	1.17	V
79	412	Piano 2	7-8	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	8902	-	3.50	36.57	0	12513	-	3	1.41	V
					2.00	3.50	57	2.5	8.04	6.03	15.65	0	8903	-	3.50	36.57	0	12513	-	3	1.41	V
					2.00	3.50	530	2.5	8.04	6.03	15.65	0	-14084	-	3.50	30.08	0	-16552	-	3	1.18	V
80	413	Piano 2	7-10	13	2.00	3.50	0	2.5	8.04	6.03	15.65	0	8555	-	3.50	29.38	0	10153	-	3	1.19	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	7983	-	3.50	28.38	-1	10154	-	3	1.27	V
					2.00	3.50	305	2.5	6.03	8.04	15.65	0	-8579	-	3.50	29.38	0	-10153	-	3	1.18	V
81	414	Piano 2	8-9	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12417	-	3.50	30.08	0	-16552	-	3	1.33	V
					2.00	3.50	302	2.5	6.03	6.03	13.63	0	-8969	-	3.50	35.35	0	-12514	-	3	1.40	V
					2.00	3.50	405	2.5	8.04	6.03	15.65	0	-13158	-	3.50	30.08	0	-16552	-	3	1.26	V
82	415	Piano 2	8-11	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	11223	-	3.50	35.35	0	12514	-	3	1.11	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	9086	-	3.50	35.35	0	12514	-	3	1.38	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	11465	-	3.50	35.35	0	12514	-	3	1.09	V
83	416	Piano 2	9-12	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8464	-	3.50	28.38	-1	-10154	-	3	1.20	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-6134	-	3.50	28.38	-1	-10154	-	3	1.66	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-7529	-	3.50	28.38	-1	-10154	-	3	1.35	V
84	417	Piano 2	10-11	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9883	-	3.50	35.35	0	-12514	-	3	1.27	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	9311	-	3.50	35.35	0	12514	-	3	1.34	V
					2.00	3.50	530	2.5	8.04	6.03	15.65	0	-14866	-	3.50	30.08	0	-16552	-	3	1.11	V
85	418	Piano 2	10-16	13	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12430	-	3.50	24.05	0	-13405	-	3	1.08	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-9119	-	3.50	28.38	-1	-10154	-	3	1.11	V
					2.00	3.50	305	2.5	6.03	8.04	15.65	0	-9226	-	3.50	29.38	0	-10153	-	3	1.10	V
86	419	Piano 2	11-12	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-13237	-	3.50	30.08	0	-16552	-	3	1.25	V
					2.00	3.50	43	2.5	6.03	6.03	13.63	0	-8808	-	3.50	35.35	0	-12514	-	3	1.42	V
					2.00	3.50	400	2.5	8.04	6.03	15.65	0	10028	-	3.50	36.57	0	12513	-	3	1.25	V
87	420	Piano 2	12-13	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2414	-	3.50	12.78	2	-4251	-	3	1.76	V
					2.00	3.50	41	2.5	6.03	6.03	12.06	0	-1643	-	3.50	12.78	2	-4251	-	3	2.59	V
					2.00	3.50	380	2.5	6.03	6.03	12.06	0	1632	-	3.50	12.78	2	4251	-	3	2.60	V
88	421	Piano 2	12-17	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8279	-	3.50	28.38	-1	-10154	-	3	1.23	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	-6330	-	3.50	28.38	-1	-10154	-	3	1.60	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-8808	-	3.50	28.38	-1	-10154	-	3	1.15	V
89	422	Piano 2	13-14	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10493	-	3.50	35.35	0	-12514	-	3	1.19	V
					2.00	3.50	258	2.5	6.03	6.03	13.63	0	-9188	-	3.50	35.35	0	-12514	-	3	1.36	V
					2.00	3.50	365	2.5	8.04	6.03	15.65	0	11305	-	3.50	36.57	0	12513	-	3	1.11	V
90	423	Piano 2	13-20	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-14942	-	3.50	38.53	1	-19704	-	3	1.32	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-7949	-	3.50	38.53	1	-19704	-	3	2.48	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-14264	-	3.50	38.53	1	-19704	-	3	1.38	V
91	424	Piano 2	14-15	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12979	-	3.50	30.08	0	-16552	-	3	1.28	V
					2.00	3.50	350	2.5	6.03	6.03	13.63	0	9743	-	3.50	35.35	0	12514	-	3	1.28	V
					2.00	3.50	490	2.5	6.03	8.04	15.65	0	-11001	-	3.50	36.57	0	-12513	-	3	1.14	V
92	425	Piano 2	14-21	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-20739	-	3.50	33.65	-1	-24521	-	3	1.18	V
					2.00	3.50	508	2.5	10.05	8.04	19.67	0	-11801	-	3.50	33.65	-1	-24521	-	3	2.08	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-20662	-	3.50	33.65	-1	-24521	-	3	1.19	V
93	426	Piano 2	15-22	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-20235	-	3.50	33.65	-1	-24521	-	3	1.21	V
					2.00	3.50	508	2.5	8.04	8.04	17.66	0	-12336	-	3.50	38.53	1	-19704	-	3	1.60	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-20368	-	3.50	33.65	-1	-24521	-	3	1.20	V
94	427	Piano 2	16-17	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-21424	-	3.50	33.65	-1	-24521	-	3	1.14	V
					2.00	3.50	430	2.5	4.02	10.05	15.65	0	15364	-	3.50	26.51	0	24447	-	3	1.59	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-24870	-	3.50	29.17	-1	-29317	-	3	1.18	V
95	428	Piano 2	16-18	13	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-10822	-	3.50	25.74	0	-13410	-	3	1.24	V

					2.00	3.50	241	2.5	8.04	8.04	17.66	0	7844	-	3.50	25.74	0	13410	-	3	1.71	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-10175	-	3.50	25.74	0	-13410	-	3	1.32	V
96	429	Piano 2	17-19	13	2.00	3.50	0	2.5	8.04	6.03	15.65	0	8163	-	3.50	29.38	0	10153	-	3	1.24	V
					2.00	3.50	34	2.5	8.04	6.03	15.65	0	6608	-	3.50	29.38	0	10153	-	3	1.54	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	7839	-	3.50	29.38	0	10153	-	3	1.30	V
97	430	Piano 2	18-19	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-20843	-	3.50	33.65	-1	-24521	-	3	1.18	V
					2.00	3.50	430	2.5	4.02	10.05	15.65	0	15422	-	3.50	26.51	0	24447	-	3	1.59	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-25537	-	3.50	29.17	-1	-29317	-	3	1.15	V
98	431	Piano 2	18-23	13	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-10620	-	3.50	25.74	0	-13410	-	3	1.26	V
					2.00	3.50	34	2.5	8.04	8.04	17.66	0	-7678	-	3.50	25.74	0	-13410	-	3	1.75	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-10551	-	3.50	25.74	0	-13410	-	3	1.27	V
99	432	Piano 2	19-20	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2604	-	3.50	12.78	2	-4251	-	3	1.63	V
					2.00	3.50	36	2.5	6.03	6.03	12.06	0	-1827	-	3.50	12.78	2	-4251	-	3	2.33	V
					2.00	3.50	360	2.5	6.03	6.03	12.06	0	1923	-	3.50	12.78	2	4251	-	3	2.21	V
100	433	Piano 2	19-24	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9177	-	3.50	28.38	-1	-10154	-	3	1.11	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	-6967	-	3.50	28.38	-1	-10154	-	3	1.46	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	-9860	-	3.50	24.05	0	-13405	-	3	1.36	V
101	434	Piano 2	20-21	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	9833	-	3.50	36.57	0	12513	-	3	1.27	V
					2.00	3.50	258	2.5	6.03	6.03	13.63	0	9972	-	3.50	35.35	0	12514	-	3	1.25	V
					2.00	3.50	365	2.5	6.03	8.04	15.65	0	-11018	-	3.50	36.57	0	-12513	-	3	1.14	V
102	435	Piano 2	20-27	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-15047	-	3.50	38.53	1	-19704	-	3	1.31	V
					2.00	3.50	290	2.5	8.04	8.04	17.66	0	8112	-	3.50	38.53	1	19704	-	3	2.43	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-13797	-	3.50	38.53	1	-19704	-	3	1.43	V
103	436	Piano 2	21-29	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-21223	-	3.50	33.65	-1	-24521	-	3	1.16	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-11987	-	3.50	38.53	1	-19704	-	3	1.64	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-15420	-	3.50	38.53	1	-19704	-	3	1.28	V
104	437	Piano 2	21-50	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	10249	-	3.50	35.35	0	12514	-	3	1.22	V
					2.00	3.50	11	2.5	6.03	6.03	13.63	0	7928	-	3.50	35.35	0	12514	-	3	1.58	V
					2.00	3.50	165	2.5	6.03	6.03	13.63	0	-8518	-	3.50	35.35	0	-12514	-	3	1.47	V
105	438	Piano 2	22-31	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-20529	-	3.50	33.65	-1	-24521	-	3	1.19	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-12414	-	3.50	38.53	1	-19704	-	3	1.59	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-19730	-	3.50	33.65	-1	-24521	-	3	1.24	V
106	439	Piano 2	50-22	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-13892	-	3.50	30.08	0	-16552	-	3	1.19	V
					2.00	3.50	31	2.5	6.03	6.03	13.63	0	-10043	-	3.50	35.35	0	-12514	-	3	1.25	V
					2.00	3.50	325	2.5	6.03	10.05	17.66	0	15478	-	3.50	25.37	1	20566	-	3	1.33	V
107	440	Piano 2	23-24	9	2.00	3.50	0	2.5	12.06	8.04	21.68	0	-21818	-	3.50	29.17	-1	-29317	-	3	1.34	V
					2.00	3.50	430	2.5	10.05	10.05	21.68	0	15486	-	3.50	36.00	-1	24530	-	3	1.58	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-26245	-	3.50	29.17	-1	-29317	-	3	1.12	V
108	441	Piano 2	23-25	13	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-10206	-	3.50	25.74	0	-13410	-	3	1.31	V
					2.00	3.50	241	2.5	8.04	8.04	17.66	0	-7681	-	3.50	25.74	0	-13410	-	3	1.75	V
					2.00	3.50	305	2.5	8.04	8.04	17.66	0	-10609	-	3.50	25.74	0	-13410	-	3	1.26	V
109	442	Piano 2	24-26	13	2.00	3.50	0	2.5	8.04	6.03	15.65	0	7745	-	3.50	29.38	0	10153	-	3	1.31	V
					2.00	3.50	241	2.5	8.04	6.03	15.65	0	6284	-	3.50	29.38	0	10153	-	3	1.62	V
					2.00	3.50	305	2.5	8.04	6.03	15.65	0	7802	-	3.50	29.38	0	10153	-	3	1.30	V
110	443	Piano 2	25-26	9	2.00	3.50	0	2.5	12.72	7.63	21.93	0	-22507	-	3.50	26.70	-1	-30794	-	3	1.37	V
					2.00	3.50	215	2.5	10.18	7.63	19.38	0	12453	-	3.50	40.40	0	18682	-	3	1.50	V
					2.00	3.50	950	2.5	12.72	7.63	21.93	0	-28165	-	3.50	26.70	-1	-30794	-	3	1.09	V
111	444	Piano 2	25-34	13	2.00	3.50	0	2.5	8.04	8.04	17.66	0	9965	-	3.50	25.74	0	13410	-	3	1.35	V
					2.00	3.50	36	2.5	8.04	6.03	15.65	0	7756	-	3.50	29.38	0	10153	-	3	1.31	V
					2.00	3.50	315	2.5	8.04	6.03	15.65	0	9079	-	3.50	29.38	0	10153	-	3	1.12	V
112	445	Piano 2	26-27	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2855	-	3.50	12.78	2	-4251	-	3	1.49	V
					2.00	3.50	38	2.5	6.03	6.03	12.06	0	-1976	-	3.50	12.78	2	-4251	-	3	2.15	V
					2.00	3.50	375	2.5	6.03	6.03	12.06	0	2366	-	3.50	12.78	2	4251	-	3	1.80	V
113	446	Piano 2	26-35	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9376	-	3.50	28.38	-1	-10154	-	3	1.08	V
					2.00	3.50	249	2.5	6.03	6.03	13.63	0	-7234	-	3.50	28.38	-1	-10154	-	3	1.40	V
					2.00	3.50	315	2.5	8.04	6.03	15.65	0	8216	-	3.50	29.38	0	10153	-	3	1.24	V
114	447	Piano 2	28-27	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4317	-	3.50	28.38	-1	-10154	-	3	2.35	V
					2.00	3.50	79	2.5	6.03	6.03	13.63	0	7705	-	3.50	28.38	-1	10154	-	3	1.32	V
					2.00	3.50	140	2.5	6.03	6.03	13.63	0	9330	-	3.50	28.38	-1	10154	-	3	1.09	V
115	448	Piano 2	27-36	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9752	-	3.50	35.35	0	-12514	-	3	1.28	V
					2.00	3.50	49	2.5	6.03	6.03	13.63	0	-6712	-	3.50	35.35	0	-12514	-	3	1.86	V
					2.00	3.50	420	2.5	6.03	6.03	13.63	0	-6400	-	3.50	35.35	0	-12514	-	3	1.96	V
116	449	Piano 2	29-28	13	2.00	3.50	0	2.5	6.03	8.04	15.65	0	10368	-	3.50	24.05	0	13405	-	3	1.29	V
					2.00	3.50	18	2.5	6.03	6.03	13.63	0	8190	-	3.50	28.38	-1	10154	-	3	1.24	V
					2.00	3.50	195	2.5	6.03	6.03	13.63	0	-8677	-	3.50	28.38	-1	-10154	-	3	1.17	V
117	450	Piano 2	32-28	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-5147	-	3.50	35.35	0	-12514	-	3	2.43	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	7168	-	3.50	35.35	0	12514	-	3	1.75	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	8582	-	3.50	35.35	0	12514	-	3	1.46	V
118	451	Piano 2	29-30	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-11512	-	3.50	35.35	0	-12514	-	3	1.09	V
					2.00	3.50	131	2.5	6.03	6.03	13.63	0	8767	-	3.50	35.35	0	12514	-	3	1.43	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	11586	-	3.50	35.35	0	12514	-	3	1.08	V
119	452	Piano 2	29-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-7889	-	3.50	35.35	0	-12514	-	3	1.59	V
					2.00	3.50	23	2.5	6.03	6.03	13.63	0	-6297	-	3.50	35.35	0	-12514	-	3	1.99	V

					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-6008	-	3.50	35.35	0	-12514	-	3	2.08	V
120	453	Piano 2	30-31	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	-12868	-	3.50	30.08	0	-16552	-	3	1.29	V
					2.00	3.50	193	2.5	6.03	8.04	15.65	0	-10269	-	3.50	36.57	0	-12513	-	3	1.22	V
					2.00	3.50	295	2.5	8.04	10.05	19.67	0	-13260	-	3.50	33.62	-1	-16558	-	3	1.25	V
121	454	Piano 2	30-43	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-17813	-	3.50	38.53	1	-19704	-	3	1.11	V
					2.00	3.50	450	2.5	8.04	8.04	17.66	0	11545	-	3.50	38.53	1	19704	-	3	1.71	V
					2.00	3.50	630	2.5	8.04	8.04	17.66	0	-16759	-	3.50	38.53	1	-19704	-	3	1.18	V
122	455	Piano 2	31-44	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-19755	-	3.50	33.65	-1	-24521	-	3	1.24	V
					2.00	3.50	525	2.5	8.04	8.04	17.66	0	13486	-	3.50	38.53	1	19704	-	3	1.46	V
					2.00	3.50	630	2.5	8.04	8.04	17.66	0	-17966	-	3.50	38.53	1	-19704	-	3	1.10	V
123	456	Piano 2	32-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4206	-	3.50	35.35	0	-12514	-	3	2.97	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	4017	-	3.50	35.35	0	12514	-	3	3.12	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	5081	-	3.50	35.35	0	12514	-	3	2.46	V
124	457	Piano 2	32-37	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4821	-	3.50	35.35	0	-12514	-	3	2.60	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	5511	-	3.50	35.35	0	12514	-	3	2.27	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	6870	-	3.50	35.35	0	12514	-	3	1.82	V
125	458	Piano 2	33-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3990	-	3.50	35.35	0	-12514	-	3	3.14	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	5424	-	3.50	35.35	0	12514	-	3	2.31	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	6645	-	3.50	35.35	0	12514	-	3	1.88	V
126	459	Piano 2	34-35	9	2.00	3.50	0	2.5	15.27	7.63	24.47	0	-24907	-	3.50	21.97	0	-36766	-	3	1.48	V
					2.00	3.50	215	2.5	12.72	7.63	21.93	0	13066	-	3.50	41.75	1	18681	-	3	1.43	V
					2.00	3.50	950	2.5	15.27	7.63	24.47	0	-29541	-	3.50	21.97	0	-36766	-	3	1.24	V
127	460	Piano 2	34-39	13	2.00	3.50	0	2.5	6.03	8.04	15.65	0	-8450	-	3.50	29.38	0	-10153	-	3	1.20	V
					2.00	3.50	249	2.5	6.03	6.03	13.63	0	-8106	-	3.50	28.38	-1	-10154	-	3	1.25	V
					2.00	3.50	315	2.5	8.04	6.03	15.65	0	-11186	-	3.50	24.05	0	-13405	-	3	1.20	V
128	461	Piano 2	35-40	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9195	-	3.50	28.38	-1	-10154	-	3	1.10	V
					2.00	3.50	249	2.5	6.03	6.03	13.63	0	-7243	-	3.50	28.38	-1	-10154	-	3	1.40	V
					2.00	3.50	315	2.5	8.04	6.03	15.65	0	-10313	-	3.50	24.05	0	-13405	-	3	1.30	V
129	462	Piano 2	37-36	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3295	-	3.50	28.38	-1	-10154	-	3	3.08	V
					2.00	3.50	101	2.5	6.03	6.03	13.63	0	7548	-	3.50	28.38	-1	10154	-	3	1.35	V
					2.00	3.50	150	2.5	6.03	6.03	13.63	0	8943	-	3.50	28.38	-1	10154	-	3	1.14	V
130	463	Piano 2	36-41	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-5792	-	3.50	35.35	0	-12514	-	3	2.16	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	9953	-	3.50	35.35	0	12514	-	3	1.26	V
					2.00	3.50	210	2.5	6.03	8.04	15.65	0	11872	-	3.50	30.08	0	16552	-	3	1.39	V
131	464	Piano 2	37-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3661	-	3.50	35.35	0	-12514	-	3	3.42	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	-4531	-	3.50	35.35	0	-12514	-	3	2.76	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-5626	-	3.50	35.35	0	-12514	-	3	2.22	V
132	465	Piano 2	45-39	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9117	-	3.50	28.38	-1	-10154	-	3	1.11	V
					2.00	3.50	289	2.5	6.03	6.03	13.63	0	7583	-	3.50	28.38	-1	10154	-	3	1.34	V
					2.00	3.50	360	2.5	6.03	8.04	15.65	0	9645	-	3.50	24.05	0	13405	-	3	1.39	V
133	466	Piano 2	39-49	9	2.00	3.50	0	2.5	12.06	8.04	21.68	0	-24810	-	3.50	29.17	-1	-29317	-	3	1.18	V
					2.00	3.50	176	2.5	8.04	8.04	17.66	0	15506	-	3.50	38.53	1	19704	-	3	1.27	V
					2.00	3.50	750	2.5	10.05	8.04	19.67	0	-100	-	3.50	33.65	-1	-24521	-	3	244.33	V
134	467	Piano 2	40-41	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-8528	-	3.50	38.53	1	-19704	-	3	2.31	V
					2.00	3.50	233	2.5	8.04	8.04	17.66	0	16623	-	3.50	38.53	1	19704	-	3	1.19	V
					2.00	3.50	355	2.5	12.06	12.06	25.70	0	-23893	-	3.50	34.17	0	-29354	-	3	1.23	V
135	468	Piano 2	46-40	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-7368	-	3.50	35.35	0	-12514	-	3	1.70	V
					2.00	3.50	291	2.5	6.03	6.03	13.63	0	-8810	-	3.50	35.35	0	-12514	-	3	1.42	V
					2.00	3.50	366	2.5	6.03	6.03	13.63	0	-10909	-	3.50	35.35	0	-12514	-	3	1.15	V
136	469	Piano 2	41-42	5	2.00	3.50	0	2.5	10.05	8.04	19.67	0	13155	-	3.50	33.62	-1	16558	-	3	1.26	V
					2.00	3.50	241	2.5	6.03	8.04	15.65	0	-11487	-	3.50	36.57	0	-12513	-	3	1.09	V
					2.00	3.50	335	2.5	10.05	8.04	19.67	0	14591	-	3.50	33.62	-1	16558	-	3	1.13	V
137	470	Piano 2	42-43	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-15197	-	3.50	32.14	0	-16557	-	3	1.09	V
					2.00	3.50	131	2.5	8.04	8.04	17.66	0	11861	-	3.50	32.14	0	16557	-	3	1.40	V
					2.00	3.50	210	2.5	8.04	10.05	19.67	0	-13174	-	3.50	33.62	-1	-16558	-	3	1.26	V
138	471	Piano 2	43-44	5	2.00	3.50	0	2.5	8.04	8.04	17.66	0	13950	-	3.50	32.14	0	16557	-	3	1.19	V
					2.00	3.50	193	2.5	8.04	8.04	17.66	0	-14585	-	3.50	32.14	0	-16557	-	3	1.14	V
					2.00	3.50	295	2.5	10.05	10.05	21.68	0	-18968	-	3.50	29.99	0	-20596	-	3	1.09	V
139	472	Piano 2	45-46	5	2.00	3.50	0	2.5	10.05	6.03	17.66	0	-17109	-	3.50	25.37	1	-20566	-	3	1.20	V
					2.00	3.50	377	2.5	10.05	6.03	17.66	0	8889	-	3.50	37.41	0	12512	-	3	1.41	V
					2.00	3.50	813	2.5	10.05	6.03	17.66	0	-17369	-	3.50	25.37	1	-20566	-	3	1.18	V
140	519	Piano 3	1-2	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9904	-	3.50	35.35	0	-12514	-	3	1.26	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	6974	-	3.50	35.35	0	12514	-	3	1.79	V
					2.00	3.50	530	2.5	6.03	6.03	13.63	0	-8866	-	3.50	35.35	0	-12514	-	3	1.41	V
141	520	Piano 3	1-7	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-5644	-	3.50	28.38	-1	-10154	-	3	1.80	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-4278	-	3.50	28.38	-1	-10154	-	3	2.37	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	3726	-	3.50	28.38	-1	10154	-	3	2.73	V
142	521	Piano 3	2-3	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8472	-	3.50	35.35	0	-12514	-	3	1.48	V
					2.00	3.50	43	2.5	6.03	6.03	13.63	0	-5773	-	3.50	35.35	0	-12514	-	3	2.17	V
					2.00	3.50	405	2.5	6.03	6.03	13.63	0	-7346	-	3.50	35.35	0	-12514	-	3	1.70	V
143	522	Piano 3	2-8	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-1620	-	3.50	12.78	2	-4251	-	3	2.62	V
					2.00	3.50	34	2.5	6.03	6.03	12.06	0	1237	-	3.50	12.78	2	4251	-	3	3.44	V
					2.00	3.50	305	2.5	6.03	6.03	12.06	0	-1383	-	3.50	12.78	2	-4251	-	3	3.07	V
144	523	Piano 3	3-4	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8626	-	3.50	35.35	0	-12514	-	3	1.45	V
					2.00	3.50	40	2.5	6.03	6.03	13.63	0	-6328	-	3.50	35.35	0	-12514	-	3	1.98	V

					2.00	3.50	375	2.5	6.03	6.03	13.63	0	7331	-	3.50	35.35	0	12514	-	3	1.71	V
145	524	Piano 3	3-9	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-1753	-	3.50	12.78	2	-4251	-	3	2.42	V
					2.00	3.50	69	2.5	6.03	6.03	12.06	0	1375	-	3.50	12.78	2	4251	-	3	3.09	V
					2.00	3.50	305	2.5	6.03	6.03	12.06	0	-2285	-	3.50	12.78	2	-4251	-	3	1.86	V
146	525	Piano 3	4-5	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-2744	-	3.50	35.35	0	-12514	-	3	4.56	V
					2.00	3.50	258	2.5	6.03	6.03	13.63	0	5001	-	3.50	35.35	0	12514	-	3	2.50	V
					2.00	3.50	365	2.5	6.03	6.03	13.63	0	-6275	-	3.50	35.35	0	-12514	-	3	1.99	V
147	526	Piano 3	4-13	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-5543	-	3.50	38.53	1	-19704	-	3	3.55	V
					2.00	3.50	218	2.5	4.02	8.04	13.63	0	10574	-	3.50	32.64	0	19685	-	3	1.86	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-13873	-	3.50	38.53	1	-19704	-	3	1.42	V
148	527	Piano 3	5-6	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-7768	-	3.50	35.35	0	-12514	-	3	1.61	V
					2.00	3.50	350	2.5	6.03	6.03	13.63	0	5862	-	3.50	35.35	0	12514	-	3	2.13	V
					2.00	3.50	490	2.5	6.03	6.03	13.63	0	7263	-	3.50	35.35	0	12514	-	3	1.72	V
149	528	Piano 3	5-14	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-8604	-	3.50	38.53	1	-19704	-	3	2.29	V
					2.00	3.50	218	2.5	4.02	8.04	13.63	0	11135	-	3.50	32.64	0	19685	-	3	1.77	V
					2.00	3.50	610	2.5	10.05	8.04	19.67	0	-16387	-	3.50	33.65	-1	-24521	-	3	1.50	V
150	529	Piano 3	6-15	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-9653	-	3.50	38.53	1	-19704	-	3	2.04	V
					2.00	3.50	145	2.5	8.04	8.04	17.66	0	8378	-	3.50	38.53	1	19704	-	3	2.35	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-13764	-	3.50	38.53	1	-19704	-	3	1.43	V
151	530	Piano 3	7-8	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8899	-	3.50	35.35	0	-12514	-	3	1.41	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	7008	-	3.50	35.35	0	12514	-	3	1.79	V
					2.00	3.50	530	2.5	6.03	6.03	13.63	0	-10341	-	3.50	35.35	0	-12514	-	3	1.21	V
152	531	Piano 3	7-10	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-5069	-	3.50	28.38	-1	-10154	-	3	2.00	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-3760	-	3.50	28.38	-1	-10154	-	3	2.70	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	3889	-	3.50	28.38	-1	10154	-	3	2.61	V
153	532	Piano 3	8-9	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8864	-	3.50	35.35	0	-12514	-	3	1.41	V
					2.00	3.50	302	2.5	6.03	6.03	13.63	0	6050	-	3.50	35.35	0	12514	-	3	2.07	V
					2.00	3.50	405	2.5	6.03	6.03	13.63	0	-8177	-	3.50	35.35	0	-12514	-	3	1.53	V
154	533	Piano 3	8-11	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3621	-	3.50	35.35	0	-12514	-	3	3.46	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	-3340	-	3.50	35.35	0	-12514	-	3	3.75	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-4563	-	3.50	35.35	0	-12514	-	3	2.74	V
155	534	Piano 3	9-12	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3775	-	3.50	28.38	-1	-10154	-	3	2.69	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-2536	-	3.50	28.38	-1	-10154	-	3	4.00	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-3380	-	3.50	28.38	-1	-10154	-	3	3.00	V
156	535	Piano 3	10-11	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-7457	-	3.50	35.35	0	-12514	-	3	1.68	V
					2.00	3.50	57	2.5	6.03	6.03	13.63	0	7442	-	3.50	35.35	0	12514	-	3	1.68	V
					2.00	3.50	530	2.5	6.03	6.03	13.63	0	-11210	-	3.50	35.35	0	-12514	-	3	1.12	V
157	536	Piano 3	10-16	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-5097	-	3.50	28.38	-1	-10154	-	3	1.99	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-3685	-	3.50	28.38	-1	-10154	-	3	2.76	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	4683	-	3.50	28.38	-1	10154	-	3	2.17	V
158	537	Piano 3	11-12	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9762	-	3.50	35.35	0	-12514	-	3	1.28	V
					2.00	3.50	43	2.5	6.03	6.03	13.63	0	-6212	-	3.50	35.35	0	-12514	-	3	2.01	V
					2.00	3.50	400	2.5	6.03	6.03	13.63	0	-7835	-	3.50	35.35	0	-12514	-	3	1.60	V
159	538	Piano 3	12-13	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2146	-	3.50	12.78	2	-4251	-	3	1.98	V
					2.00	3.50	41	2.5	6.03	6.03	12.06	0	-1446	-	3.50	12.78	2	-4251	-	3	2.94	V
					2.00	3.50	380	2.5	6.03	6.03	12.06	0	1330	-	3.50	12.78	2	4251	-	3	3.20	V
160	539	Piano 3	12-17	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4235	-	3.50	28.38	-1	-10154	-	3	2.40	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-2710	-	3.50	28.38	-1	-10154	-	3	3.75	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-3969	-	3.50	28.38	-1	-10154	-	3	2.56	V
161	540	Piano 3	13-14	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	6358	-	3.50	35.35	0	12514	-	3	1.97	V
					2.00	3.50	258	2.5	6.03	6.03	13.63	0	-6597	-	3.50	35.35	0	-12514	-	3	1.90	V
					2.00	3.50	365	2.5	6.03	6.03	13.63	0	-8735	-	3.50	35.35	0	-12514	-	3	1.43	V
162	541	Piano 3	13-20	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-13340	-	3.50	38.53	1	-19704	-	3	1.48	V
					2.00	3.50	290	2.5	8.04	8.04	17.66	0	6352	-	3.50	38.53	1	19704	-	3	3.10	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-11126	-	3.50	38.53	1	-19704	-	3	1.77	V
163	542	Piano 3	14-15	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9452	-	3.50	35.35	0	-12514	-	3	1.32	V
					2.00	3.50	350	2.5	6.03	6.03	13.63	0	7233	-	3.50	35.35	0	12514	-	3	1.73	V
					2.00	3.50	490	2.5	6.03	6.03	13.63	0	9071	-	3.50	35.35	0	12514	-	3	1.38	V
164	543	Piano 3	14-21	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-15575	-	3.50	33.65	-1	-24521	-	3	1.57	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-7663	-	3.50	38.53	1	-19704	-	3	2.57	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-13548	-	3.50	38.53	1	-19704	-	3	1.45	V
165	544	Piano 3	15-22	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-12375	-	3.50	38.53	1	-19704	-	3	1.59	V
					2.00	3.50	73	2.5	8.04	8.04	17.66	0	-6763	-	3.50	38.53	1	-19704	-	3	2.91	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-11777	-	3.50	38.53	1	-19704	-	3	1.67	V
166	545	Piano 3	16-17	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-19583	-	3.50	33.65	-1	-24521	-	3	1.25	V
					2.00	3.50	430	2.5	4.02	10.05	15.65	0	15848	-	3.50	26.51	0	24447	-	3	1.54	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-22149	-	3.50	29.17	-1	-29317	-	3	1.32	V
167	546	Piano 3	16-18	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4377	-	3.50	28.38	-1	-10154	-	3	2.32	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	3335	-	3.50	28.38	-1	10154	-	3	3.04	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	4199	-	3.50	28.38	-1	10154	-	3	2.42	V
168	547	Piano 3	17-19	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4179	-	3.50	28.38	-1	-10154	-	3	2.43	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-2680	-	3.50	28.38	-1	-10154	-	3	3.79	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-4168	-	3.50	28.38	-1	-10154	-	3	2.44	V
169	548	Piano 3	18-19	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-19246	-	3.50	33.65	-1	-24521	-	3	1.27	V
					2.00	3.50	430	2.5	4.02	10.05	15.65	0	15825	-	3.50	26.51	0	24447	-	3	1.54	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-22747	-	3.50	29.17	-1	-29317	-	3	1.29	V
170	549	Piano 3	18-23	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4278	-	3.50	28.38	-1	-10154	-	3	2.37	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	3198	-	3.50	28.38	-1	10154	-	3	3.17	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-4349	-	3.50	28.38	-1	-10154	-	3	2.33	V
171	550	Piano 3	19-20	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2679	-	3.50	12.78	2	-4251	-	3	1.59	V

					2.00	3.50	36	2.5	6.03	6.03	12.06	0	-1855	-	3.50	12.78	2	-4251	-	3	2.29	V
					2.00	3.50	360	2.5	6.03	6.03	12.06	0	2236	-	3.50	12.78	2	4251	-	3	1.90	V
172	551	Piano 3	19-24	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4011	-	3.50	28.38	-1	-10154	-	3	2.53	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	-2956	-	3.50	28.38	-1	-10154	-	3	3.44	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-4524	-	3.50	28.38	-1	-10154	-	3	2.24	V
173	552	Piano 3	20-21	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10641	-	3.50	35.35	0	-12514	-	3	1.18	V
					2.00	3.50	37	2.5	6.03	6.03	13.63	0	8459	-	3.50	35.35	0	12514	-	3	1.48	V
					2.00	3.50	365	2.5	6.03	6.03	13.63	0	10082	-	3.50	35.35	0	12514	-	3	1.24	V
174	553	Piano 3	20-27	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-12490	-	3.50	38.53	1	-19704	-	3	1.58	V
					2.00	3.50	290	2.5	8.04	8.04	17.66	0	7671	-	3.50	38.53	1	19704	-	3	2.57	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-11362	-	3.50	38.53	1	-19704	-	3	1.73	V
175	554	Piano 3	21-29	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-17162	-	3.50	33.65	-1	-24521	-	3	1.43	V
					2.00	3.50	290	2.5	4.02	8.04	13.63	0	8949	-	3.50	32.64	0	19685	-	3	2.20	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-11679	-	3.50	38.53	1	-19704	-	3	1.69	V
176	555	Piano 3	21-50	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	7910	-	3.50	35.35	0	12514	-	3	1.58	V
					2.00	3.50	11	2.5	6.03	6.03	13.63	0	6376	-	3.50	35.35	0	12514	-	3	1.96	V
					2.00	3.50	165	2.5	6.03	6.03	13.63	0	-4861	-	3.50	35.35	0	-12514	-	3	2.57	V
177	556	Piano 3	22-31	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-11835	-	3.50	38.53	1	-19704	-	3	1.66	V
					2.00	3.50	508	2.5	8.04	8.04	17.66	0	-6411	-	3.50	38.53	1	-19704	-	3	3.07	V
					2.00	3.50	610	2.5	8.04	8.04	17.66	0	-11959	-	3.50	38.53	1	-19704	-	3	1.65	V
178	557	Piano 3	50-22	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10855	-	3.50	35.35	0	-12514	-	3	1.15	V
					2.00	3.50	214	2.5	6.03	6.03	13.63	0	9322	-	3.50	35.35	0	12514	-	3	1.34	V
					2.00	3.50	325	2.5	6.03	8.04	15.65	0	11985	-	3.50	30.08	0	16552	-	3	1.38	V
179	558	Piano 3	23-24	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-20138	-	3.50	33.65	-1	-24521	-	3	1.22	V
					2.00	3.50	430	2.5	4.02	10.05	15.65	0	15893	-	3.50	26.51	0	24447	-	3	1.54	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-23455	-	3.50	29.17	-1	-29317	-	3	1.25	V
180	559	Piano 3	23-25	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4072	-	3.50	28.38	-1	-10154	-	3	2.49	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	-3206	-	3.50	28.38	-1	-10154	-	3	3.17	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-4452	-	3.50	28.38	-1	-10154	-	3	2.28	V
181	560	Piano 3	24-26	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4408	-	3.50	28.38	-1	-10154	-	3	2.30	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-2862	-	3.50	28.38	-1	-10154	-	3	3.55	V
					2.00	3.50	305	2.5	6.03	6.03	13.63	0	-4336	-	3.50	28.38	-1	-10154	-	3	2.34	V
182	561	Piano 3	25-26	9	2.00	3.50	0	2.5	10.05	8.04	19.67	0	-20754	-	3.50	33.65	-1	-24521	-	3	1.18	V
					2.00	3.50	430	2.5	4.02	10.05	15.65	0	15981	-	3.50	26.51	0	24447	-	3	1.53	V
					2.00	3.50	950	2.5	12.06	8.04	21.68	0	-25072	-	3.50	29.17	-1	-29317	-	3	1.17	V
183	562	Piano 3	25-34	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	4162	-	3.50	28.38	-1	10154	-	3	2.44	V
					2.00	3.50	36	2.5	6.03	6.03	13.63	0	3326	-	3.50	28.38	-1	10154	-	3	3.05	V
					2.00	3.50	315	2.5	6.03	6.03	13.63	0	-4219	-	3.50	28.38	-1	-10154	-	3	2.41	V
184	563	Piano 3	26-27	14	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-2753	-	3.50	12.78	2	-4251	-	3	1.54	V
					2.00	3.50	38	2.5	6.03	6.03	12.06	0	-1919	-	3.50	12.78	2	-4251	-	3	2.22	V
					2.00	3.50	375	2.5	6.03	6.03	12.06	0	2188	-	3.50	12.78	2	4251	-	3	1.94	V
185	564	Piano 3	26-35	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4029	-	3.50	28.38	-1	-10154	-	3	2.52	V
					2.00	3.50	249	2.5	6.03	6.03	13.63	0	-3003	-	3.50	28.38	-1	-10154	-	3	3.38	V
					2.00	3.50	315	2.5	6.03	6.03	13.63	0	-4564	-	3.50	28.38	-1	-10154	-	3	2.22	V
186	565	Piano 3	28-27	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3665	-	3.50	28.38	-1	-10154	-	3	2.77	V
					2.00	3.50	79	2.5	6.03	6.03	13.63	0	6453	-	3.50	28.38	-1	10154	-	3	1.57	V
					2.00	3.50	140	2.5	6.03	6.03	13.63	0	7522	-	3.50	28.38	-1	10154	-	3	1.35	V
187	566	Piano 3	27-36	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-8169	-	3.50	35.35	0	-12514	-	3	1.53	V
					2.00	3.50	49	2.5	6.03	6.03	13.63	0	-4716	-	3.50	35.35	0	-12514	-	3	2.65	V
					2.00	3.50	420	2.5	6.03	6.03	13.63	0	-5505	-	3.50	35.35	0	-12514	-	3	2.27	V
188	567	Piano 3	29-28	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	9348	-	3.50	28.38	-1	10154	-	3	1.09	V
					2.00	3.50	18	2.5	6.03	6.03	13.63	0	7516	-	3.50	28.38	-1	10154	-	3	1.35	V
					2.00	3.50	195	2.5	6.03	6.03	13.63	0	-7553	-	3.50	28.38	-1	-10154	-	3	1.34	V
189	568	Piano 3	32-28	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3675	-	3.50	35.35	0	-12514	-	3	3.40	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	3128	-	3.50	35.35	0	12514	-	3	4.00	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	3753	-	3.50	35.35	0	12514	-	3	3.33	V
190	569	Piano 3	29-30	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	8248	-	3.50	35.35	0	12514	-	3	1.52	V
					2.00	3.50	19	2.5	6.03	6.03	13.63	0	6458	-	3.50	35.35	0	12514	-	3	1.94	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	7061	-	3.50	35.35	0	12514	-	3	1.77	V
191	570	Piano 3	29-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4202	-	3.50	35.35	0	-12514	-	3	2.98	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	-3767	-	3.50	35.35	0	-12514	-	3	3.32	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-5079	-	3.50	35.35	0	-12514	-	3	2.46	V
192	571	Piano 3	30-31	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9497	-	3.50	35.35	0	-12514	-	3	1.32	V
					2.00	3.50	193	2.5	6.03	6.03	13.63	0	8775	-	3.50	35.35	0	12514	-	3	1.43	V
					2.00	3.50	295	2.5	6.03	6.03	13.63	0	11099	-	3.50	35.35	0	12514	-	3	1.13	V
193	572	Piano 3	43-30	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-11007	-	3.50	38.53	1	-19704	-	3	1.79	V
					2.00	3.50	300	2.5	4.02	8.04	13.63	0	11362	-	3.50	32.64	0	19685	-	3	1.73	V
					2.00	3.50	630	2.5	8.04	8.04	17.66	0	-12445	-	3.50	38.53	1	-19704	-	3	1.58	V
194	573	Piano 3	31-44	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-11885	-	3.50	38.53	1	-19704	-	3	1.66	V
					2.00	3.50	525	2.5	8.04	8.04	17.66	0	7356	-	3.50	38.53	1	19704	-	3	2.68	V
					2.00	3.50	630	2.5	8.04	8.04	17.66	0	-8336	-	3.50	38.53	1	-19704	-	3	2.36	V
195	574	Piano 3	32-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-2858	-	3.50	35.35	0	-12514	-	3	4.38	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	2917	-	3.50	35.35	0	12514	-	3	4.29	V

					2.00	3.50	210	2.5	6.03	6.03	13.63	0	3628	-	3.50	35.35	0	12514	-	3	3.45	V
196	575	Piano 3	32-37	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3918	-	3.50	35.35	0	-12514	-	3	3.19	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	3054	-	3.50	35.35	0	12514	-	3	4.10	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	3879	-	3.50	35.35	0	12514	-	3	3.23	V
197	576	Piano 3	33-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3456	-	3.50	35.35	0	-12514	-	3	3.62	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	-3095	-	3.50	35.35	0	-12514	-	3	4.04	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	3880	-	3.50	35.35	0	12514	-	3	3.22	V
198	577	Piano 3	34-35	9	2.00	3.50	0	2.5	12.06	10.05	23.69	0	-22880	-	3.50	31.96	0	-29342	-	3	1.28	V
					2.00	3.50	430	2.5	12.06	10.05	23.69	0	16194	-	3.50	37.80	-1	24534	-	3	1.52	V
					2.00	3.50	950	2.5	12.06	10.05	23.69	0	-26195	-	3.50	31.96	0	-29342	-	3	1.12	V
199	578	Piano 3	34-39	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	4966	-	3.50	28.38	-1	10154	-	3	2.04	V
					2.00	3.50	249	2.5	6.03	6.03	13.63	0	-5638	-	3.50	28.38	-1	-10154	-	3	1.80	V
					2.00	3.50	315	2.5	6.03	6.03	13.63	0	-7384	-	3.50	28.38	-1	-10154	-	3	1.38	V
200	579	Piano 3	35-40	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4677	-	3.50	28.38	-1	-10154	-	3	2.17	V
					2.00	3.50	249	2.5	6.03	6.03	13.63	0	3322	-	3.50	28.38	-1	10154	-	3	3.06	V
					2.00	3.50	315	2.5	6.03	6.03	13.63	0	-4948	-	3.50	28.38	-1	-10154	-	3	2.05	V
201	580	Piano 3	37-36	13	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-2897	-	3.50	28.38	-1	-10154	-	3	3.50	V
					2.00	3.50	101	2.5	6.03	6.03	13.63	0	5071	-	3.50	28.38	-1	10154	-	3	2.00	V
					2.00	3.50	150	2.5	6.03	6.03	13.63	0	6016	-	3.50	28.38	-1	10154	-	3	1.69	V
202	581	Piano 3	36-41	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3611	-	3.50	35.35	0	-12514	-	3	3.47	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	5782	-	3.50	35.35	0	12514	-	3	2.16	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	6628	-	3.50	35.35	0	12514	-	3	1.89	V
203	582	Piano 3	37-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3323	-	3.50	35.35	0	-12514	-	3	3.77	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	-3384	-	3.50	35.35	0	-12514	-	3	3.70	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-4209	-	3.50	35.35	0	-12514	-	3	2.97	V
204	583	Piano 3	39-49	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-17408	-	3.50	38.53	1	-19704	-	3	1.13	V
					2.00	3.50	264	2.5	8.04	8.04	17.66	0	14023	-	3.50	38.53	1	19704	-	3	1.41	V
					2.00	3.50	750	2.5	8.04	8.04	17.66	0	-38	-	3.50	38.53	1	-19704	-	3	524.45	V
205	584	Piano 3	40-41	9	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-2577	-	3.50	38.53	1	-19704	-	3	7.65	V
					2.00	3.50	271	2.5	8.04	8.04	17.66	0	16157	-	3.50	38.53	1	19704	-	3	1.22	V
					2.00	3.50	355	2.5	10.05	10.05	21.68	0	18406	-	3.50	36.00	-1	24530	-	3	1.33	V
206	585	Piano 3	41-42	5	2.00	3.50	0	2.5	8.04	6.03	15.65	0	9900	-	3.50	36.57	0	12513	-	3	1.26	V
					2.00	3.50	241	2.5	6.03	6.03	13.63	0	9667	-	3.50	35.35	0	12514	-	3	1.29	V
					2.00	3.50	335	2.5	8.04	6.03	15.65	0	11561	-	3.50	36.57	0	12513	-	3	1.08	V
207	586	Piano 3	42-43	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-10370	-	3.50	35.35	0	-12514	-	3	1.21	V
					2.00	3.50	131	2.5	6.03	6.03	13.63	0	8047	-	3.50	35.35	0	12514	-	3	1.56	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	10548	-	3.50	35.35	0	12514	-	3	1.19	V
208	587	Piano 3	43-44	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	9898	-	3.50	35.35	0	12514	-	3	1.26	V
					2.00	3.50	193	2.5	6.03	6.03	13.63	0	-11055	-	3.50	35.35	0	-12514	-	3	1.13	V
					2.00	3.50	295	2.5	8.04	8.04	17.66	0	-14203	-	3.50	32.14	0	-16557	-	3	1.17	V
209	632	Piano 4	20-21	13	2.00	3.50	0	2.5	6.03	8.04	15.65	0	-8408	-	3.50	29.38	0	-10153	-	3	1.21	V
					2.00	3.50	276	2.5	6.03	6.03	13.63	0	-9269	-	3.50	28.38	-1	-10154	-	3	1.10	V
					2.00	3.50	365	2.5	8.04	6.03	15.65	0	-12287	-	3.50	24.05	0	-13405	-	3	1.09	V
210	633	Piano 4	47-20	10	2.00	3.50	0	2.5	4.02	4.02	8.04	0	3981	-	3.50	24.95	1	5314	-	3	1.33	V
					2.00	3.50	33	2.5	4.02	4.02	8.04	0	3587	-	3.50	24.95	1	5314	-	3	1.48	V
					2.00	3.50	305	2.5	4.02	4.02	8.04	0	-2557	-	3.50	24.95	-1	-5315	-	3	2.08	V
211	634	Piano 4	48-21	10	2.00	3.50	0	2.5	6.03	10.05	16.08	0	10713	-	3.50	15.00	0	12699	-	3	1.19	V
					2.00	3.50	33	2.5	6.03	10.05	16.08	0	10009	-	3.50	15.00	0	12699	-	3	1.27	V
					2.00	3.50	305	2.5	8.04	8.04	16.08	0	-8620	-	3.50	19.34	0	-10263	-	3	1.19	V
212	635	Piano 4	27-29	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-7757	-	3.50	35.35	0	-12514	-	3	1.61	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-5933	-	3.50	35.35	0	-12514	-	3	2.11	V
					2.00	3.50	335	2.5	6.03	6.03	13.63	0	-6955	-	3.50	35.35	0	-12514	-	3	1.80	V
213	636	Piano 4	27-41	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-6449	-	3.50	35.35	0	-12514	-	3	1.94	V
					2.00	3.50	300	2.5	4.02	6.03	11.62	0	4369	-	3.50	33.46	-1	12514	-	3	2.86	V
					2.00	3.50	630	2.5	6.03	6.03	13.63	0	-4398	-	3.50	35.35	0	-12514	-	3	2.85	V
214	637	Piano 4	27-47	10	2.00	3.50	0	2.5	6.03	4.02	10.05	0	-5937	-	3.50	20.19	-1	-7794	-	3	1.31	V
					2.00	3.50	33	2.5	4.02	4.02	8.04	0	-4107	-	3.50	24.95	-1	-5315	-	3	1.29	V
					2.00	3.50	305	2.5	4.02	4.02	8.04	0	4029	-	3.50	24.95	1	5314	-	3	1.32	V
215	638	Piano 4	29-30	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	7142	-	3.50	35.35	0	12514	-	3	1.75	V
					2.00	3.50	131	2.5	6.03	6.03	13.63	0	-6357	-	3.50	35.35	0	-12514	-	3	1.97	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-8356	-	3.50	35.35	0	-12514	-	3	1.50	V
216	639	Piano 4	29-33	5	2.00	3.50	0	2.5	6.03	4.02	11.62	0	-8458	-	3.50	33.46	-1	-12514	-	3	1.48	V
					2.00	3.50	23	2.5	6.03	4.02	11.62	0	-7130	-	3.50	33.46	-1	-12514	-	3	1.76	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-3205	-	3.50	35.35	0	-12514	-	3	3.90	V
217	640	Piano 4	29-48	10	2.00	3.50	0	2.5	15.27	7.63	22.90	0	-15299	-	3.50	10.32	1	-18842	-	3	1.23	V
					2.00	3.50	232	2.5	5.09	10.18	15.27	0	9931	-	3.50	13.62	1	12771	-	3	1.29	V
					2.00	3.50	305	2.5	7.63	12.72	20.36	0	10808	-	3.50	12.89	-1	15858	-	3	1.47	V
218	641	Piano 4	30-43	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-6078	-	3.50	35.35	0	-12514	-	3	2.06	V
					2.00	3.50	300	2.5	6.03	6.03	13.63	0	3618	-	3.50	35.35	0	12514	-	3	3.46	V
					2.00	3.50	630	2.5	6.03	6.03	13.63	0	-5090	-	3.50	35.35	0	-12514	-	3	2.46	V
219	642	Piano 4	32-33	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	1435	-	3.50	35.35	0	12514	-	3	8.72	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	1178	-	3.50	35.35	0	12514	-	3	10.63	V

					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-1602	-	3.50	35.35	0	-12514	-	3	7.81	V
220	643	Piano 4	32-37	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	1742	-	3.50	35.35	0	12514	-	3	7.18	V
					2.00	3.50	23	2.5	6.03	6.03	13.63	0	1566	-	3.50	35.35	0	12514	-	3	7.99	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-1717	-	3.50	35.35	0	-12514	-	3	7.29	V
221	644	Piano 4	33-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-1967	-	3.50	35.35	0	-12514	-	3	6.36	V
					2.00	3.50	158	2.5	6.03	6.03	13.63	0	-3489	-	3.50	35.35	0	-12514	-	3	3.59	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-4113	-	3.50	35.35	0	-12514	-	3	3.04	V
222	645	Piano 4	37-38	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	1921	-	3.50	35.35	0	12514	-	3	6.51	V
					2.00	3.50	23	2.5	6.03	6.03	13.63	0	1532	-	3.50	35.35	0	12514	-	3	8.17	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	-1922	-	3.50	35.35	0	-12514	-	3	6.51	V
223	646	Piano 4	38-42	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-4916	-	3.50	35.35	0	-12514	-	3	2.55	V
					2.00	3.50	23	2.5	6.03	6.03	13.63	0	-3620	-	3.50	35.35	0	-12514	-	3	3.46	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	3187	-	3.50	35.35	0	12514	-	3	3.93	V
224	647	Piano 4	41-42	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-9940	-	3.50	35.35	0	-12514	-	3	1.26	V
					2.00	3.50	34	2.5	6.03	6.03	13.63	0	-7519	-	3.50	35.35	0	-12514	-	3	1.66	V
					2.00	3.50	335	2.5	6.03	6.03	13.63	0	-7839	-	3.50	35.35	0	-12514	-	3	1.60	V
225	648	Piano 4	42-43	5	2.00	3.50	0	2.5	6.03	6.03	13.63	0	-3122	-	3.50	35.35	0	-12514	-	3	4.01	V
					2.00	3.50	131	2.5	6.03	6.03	13.63	0	5397	-	3.50	35.35	0	12514	-	3	2.32	V
					2.00	3.50	210	2.5	6.03	6.03	13.63	0	6486	-	3.50	35.35	0	12514	-	3	1.93	V
226	649	Piano 4	47-48	8	2.00	3.50	0	2.5	6.03	6.03	12.06	0	494	-	3.50	10.30	1	3543	-	3	7.18	V
					2.00	3.50	306	2.5	10.05	6.03	16.08	0	-4282	-	3.50	7.43	0	-5514	-	3	1.29	V
					2.00	3.50	380	2.5	12.06	6.03	18.10	0	-5430	-	3.50	6.21	-1	-6473	-	3	1.19	V

4.3.2.1.2 Verifiche SLV - Taglio

Camp. : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop. : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;
$\cot(\theta)$: cotangente dell'angolo θ;
A_{Sag} : area del singolo sagomato;

Tagli Sollecitanti:
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$);
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$);
$\gamma_{Rd} = 1.2$;
Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;
N_{br} : numero di bracci di cui è composta la staffa;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;
: NV_min = Minimi di normativa non rispettati;

Tabella 16.I

									Tagli Sollecitanti		Tagli Resistenti								
Camp.	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**Cop. [cm]**	**Blocco**	**cot(θ)**	**A_{Sag} [cm²]**	**V_{SdXY} [daN]**	**V_{SdXZ} [daN]**	**V_{rdxy} [daN]**	**V_{rdxz} [daN]**	**ϕ [mm]**	**N_{br}**	**D_{Staffe} [cm]**	**L_{tr} [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**

1	272	Piano 1	1-2	5	2.5	Ini	1.0	0.00	0	9666	-	34237	10	2	9	90	-	3.54	V
						Med	1.0	0.00	0	6782	-	15406	10	2	20	275	-	2.27	V
						fin	1.0	0.00	0	10822	-	34237	10	2	9	90	-	3.16	V
2	273	Piano 1	1-7	5	2.5	Ini	1.0	0.00	0	18072	-	34237	10	2	9	90	-	1.89	V
						Med	1.0	0.00	0	12125	-	15406	10	2	20	95	-	1.27	V
						fin	1.0	0.00	0	17498	-	34237	10	2	9	90	-	1.96	V
3	274	Piano 1	2-3	5	2.5	Ini	1.0	0.00	0	11159	-	34237	10	2	9	90	-	3.07	V
						Med	1.0	0.00	0	6881	-	15406	10	2	20	165	-	2.24	V
						fin	1.0	0.00	0	10638	-	34237	10	2	9	90	-	3.22	V
4	275	Piano 1	2-8	14	2.5	Ini	1.0	0.00	0	4270	-	27245	10	2	4	36	-	6.38	V
						Med	1.0	0.00	0	3122	-	7265	10	2	15	203	-	2.33	V
						fin	1.0	0.00	0	4651	-	27245	10	2	4	36	-	5.86	V
5	276	Piano 1	3-4	5	2.5	Ini	1.0	0.00	0	10240	-	34237	10	2	9	90	-	3.34	V
						Med	1.0	0.00	0	7447	-	15406	10	2	20	140	-	2.07	V
						fin	1.0	0.00	0	9366	-	34237	10	2	9	90	-	3.66	V
6	277	Piano 1	3-9	14	2.5	Ini	1.0	0.00	0	5701	-	27245	10	2	4	36	-	4.78	V
						Med	1.0	0.00	0	4356	-	7265	10	2	15	203	-	1.67	V
						fin	1.0	0.00	0	6307	-	27245	10	2	4	36	-	4.32	V
7	278	Piano 1	4-5	5	2.5	Ini	1.0	0.00	0	5344	-	34237	10	2	9	90	-	6.41	V
						Med	1.0	0.00	0	1881	-	15406	10	2	20	115	-	8.19	V
						fin	1.0	0.00	0	14819	-	34237	10	2	9	90	-	2.31	V
8	282	Piano 1	4-13	9	2.5	Ini	1.0	0.00	0	16032	-	40383	10	2	9	105	-	2.52	V
						Med	1.0	0.00	0	11333	-	18172	10	2	20	370	-	1.60	V
						fin	1.0	0.00	0	18103	-	40383	10	2	9	105	-	2.23	V
9	283	Piano 1	5-6	5	2.5	Ini	1.0	0.00	0	11247	-	34237	10	2	9	90	-	3.04	V
						Med	1.0	0.00	0	1738	-	15406	10	2	20	220	-	8.87	V
						fin	1.0	0.00	0	12203	-	34237	10	2	9	90	-	2.81	V
10	288	Piano 1	5-14	9	2.5	Ini	1.0	0.00	0	19434	-	36289	10	2	10	105	-	1.87	V
						Med	1.0	0.00	0	14282	-	18145	10	2	20	370	-	1.27	V
						fin	1.0	0.00	0	21459	-	36289	10	2	10	105	-	1.69	V
11	289	Piano 1	6-15	9	2.5	Ini	1.0	0.00	0	16642	-	36289	10	2	10	105	-	2.18	V
						Med	1.0	0.00	0	13114	-	18145	10	2	20	370	-	1.38	V
						fin	1.0	0.00	0	18502	-	36289	10	2	10	105	-	1.96	V
12	290	Piano 1	7-8	5	2.5	Ini	1.0	0.00	0	10453	-	34237	10	2	9	90	-	3.28	V
						Med	1.0	0.00	0	7475	-	15406	10	2	20	275	-	2.06	V
						fin	1.0	0.00	0	12340	-	34237	10	2	9	90	-	2.77	V
13	291	Piano 1	7-10	5	2.5	Ini	1.0	0.00	0	16797	-	34237	10	2	9	90	-	2.04	V
						Med	1.0	0.00	0	10720	-	15406	10	2	20	95	-	1.44	V
						fin	1.0	0.00	0	15264	-	34237	10	2	9	90	-	2.24	V
14	292	Piano 1	8-9	5	2.5	Ini	1.0	0.00	0	12324	-	34237	10	2	9	90	-	2.78	V
						Med	1.0	0.00	0	7727	-	15406	10	2	20	165	-	1.99	V
						fin	1.0	0.00	0	10866	-	34237	10	2	9	90	-	3.15	V
15	293	Piano 1	8-11	5	2.5	Ini	1.0	0.00	0	13619	-	34237	10	2	9	90	-	2.51	V
						Med	1.0	0.00	0	10167	-	15406	10	2	20	95	-	1.52	V
						fin	1.0	0.00	0	13939	-	34237	10	2	9	90	-	2.46	V
16	294	Piano 1	9-12	5	2.5	Ini	1.0	0.00	0	13350	-	34237	10	2	9	90	-	2.56	V
						Med	1.0	0.00	0	9177	-	15406	10	2	20	95	-	1.68	V
						fin	1.0	0.00	0	14125	-	34237	10	2	9	90	-	2.42	V
17	295	Piano 1	10-11	5	2.5	Ini	1.0	0.00	0	7883	-	34237	10	2	9	90	-	4.34	V
						Med	1.0	0.00	0	6649	-	15406	10	2	20	275	-	2.32	V
						fin	1.0	0.00	0	10672	-	34237	10	2	9	90	-	3.21	V
18	296	Piano 1	10-16	5	2.5	Ini	1.0	0.00	0	19127	-	34237	10	2	9	90	-	1.79	V
						Med	1.0	0.00	0	12038	-	15406	10	2	20	95	-	1.28	V
						fin	1.0	0.00	0	16386	-	34237	10	2	9	90	-	2.09	V
19	297	Piano 1	11-12	5	2.5	Ini	1.0	0.00	0	10980	-	34237	10	2	9	90	-	3.12	V
						Med	1.0	0.00	0	7676	-	15406	10	2	20	160	-	2.01	V
						fin	1.0	0.00	0	8860	-	34237	10	2	9	90	-	3.86	V
20	298	Piano 1	12-13	14	2.5	Ini	1.0	0.00	0	2678	-	27245	10	2	4	36	-	10.17	V
						Med	1.0	0.00	0	1509	-	7265	10	2	15	223	-	4.81	V
						fin	1.0	0.00	0	2249	-	27245	10	2	4	36	-	12.11	V
21	299	Piano 1	12-17	5	2.5	Ini	1.0	0.00	0	14067	-	34237	10	2	9	90	-	2.43	V
						Med	1.0	0.00	0	9234	-	15406	10	2	20	95	-	1.67	V
						fin	1.0	0.00	0	13372	-	34237	10	2	9	90	-	2.56	V
22	300	Piano 1	13-14	5	2.5	Ini	1.0	0.00	0	9231	-	34237	10	2	9	90	-	3.71	V
						Med	1.0	0.00	0	6661	-	15406	10	2	20	115	-	2.31	V
						fin	1.0	0.00	0	8836	-	34237	10	2	9	90	-	3.87	V
23	301	Piano 1	13-20	9	2.5	Ini	1.0	0.00	0	14150	-	40383	10	2	9	105	-	2.85	V
						Med	1.0	0.00	0	8286	-	18172	10	2	20	370	-	2.19	V
						fin	1.0	0.00	0	13960	-	40383	10	2	9	105	-	2.89	V
24	302	Piano 1	14-15	5	2.5	Ini	1.0	0.00	0	8140	-	34237	10	2	9	90	-	4.21	V
						Med	1.0	0.00	0	5983	-	15406	10	2	20	220	-	2.57	V
						fin	1.0	0.00	0	6603	-	34237	10	2	9	90	-	5.18	V
25	303	Piano 1	14-21	9	2.5	Ini	1.0	0.00	0	18414	-	40383	10	2	9	105	-	2.19	V
						Med	1.0	0.00	0	10549	-	18172	10	2	20	370	-	1.72	V
						fin	1.0	0.00	0	18023	-	40383	10	2	9	105	-	2.24	V
26	304	Piano 1	15-22	9	2.5	Ini	1.0	0.00	0	16797	-	40383	10	2	9	105	-	2.40	V
						Med	1.0	0.00	0	10074	-	18172	10	2	20	370	-	1.80	V
						fin	1.0	0.00	0	16264	-	40383	10	2	9	105	-	2.48	V
27	305	Piano 1	16-18	5	2.5	Ini	1.0	0.00	0	16595	-	34237	10	2	9	90	-	2.06	V
						Med	1.0	0.00	0	10906	-	15406	10	2	20	95	-	1.41	V
						fin	1.0	0.00	0	15763	-	34237	10	2	9	90	-	2.17	V
28	306	Piano 1	17-19	5	2.5	Ini	1.0	0.00	0	13679	-	34237	10	2	9	90	-	2.50	V
						Med	1.0	0.00	0	9612	-	15406	10	2	20	95	-	1.60	V
						fin	1.0	0.00	0	13780	-	34237	10	2	9	90	-	2.48	V
29	307	Piano 1	18-23	5	2.5	Ini	1.0	0.00	0	16433	-	34237	10	2	9	90	-	2.08	V
						Med	1.0	0.00	0	10624	-	15406	10	2	20	95	-	1.45	V
						fin	1.0	0.00	0	15926	-	34237	10	2	9	90	-	2.15	V
30	308	Piano 1	19-20	14	2.5	Ini	1.0	0.00	0	3600	-	27245	10	2	4	36	-	7.57	V
						Med	1.0	0.00	0	1848	-	7265	10	2	15	213	-	3.93	V
						fin	1.0	0.00	0	3259	-	27245	10	2	4	36	-	8.36	V
31	309	Piano 1	19-24	5	2.5	Ini	1.0	0.00	0	13497	-	34237	10	2	9	90	-	2.54	V
						Med	1.0	0.00	0	9668	-	15406	10	2	20	95	-	1.59	V
						fin	1.0	0.00	0	13961	-	34237	10	2	9	90	-	2.45	V
32	310	Piano 1	20-21	5	2.5	Ini	1.0	0.00	0	12281	-	34237	10	2	9	90	-	2.79	V
						Med	1.0	0.00	0	8543	-	15406	10	2	20	110	-	1.80	V

						fin	1.0	0.00	0	11220	-	34237	10	2	9	90	-	3.05	V
33	311	Piano 1	20-27	9	2.5	Ini	1.0	0.00	0	16581	-	40383	10	2	9	105	-	2.44	V
						Med	1.0	0.00	0	9095	-	18172	10	2	20	370	-	2.00	V
						fin	1.0	0.00	0	15640	-	40383	10	2	9	105	-	2.58	V
34	312	Piano 1	21-29	9	2.5	Ini	1.0	0.00	0	19816	-	40383	10	2	9	105	-	2.04	V
						Med	1.0	0.00	0	11005	-	18172	10	2	20	370	-	1.65	V
						fin	1.0	0.00	0	18507	-	40383	10	2	9	105	-	2.18	V
35	313	Piano 1	21-50	5	2.5	Ini	1.0	0.00	0	20329	-	34237	10	2	9	90	-	1.68	V
36	314	Piano 1	22-31	9	2.5	Ini	1.0	0.00	0	16449	-	40383	10	2	9	105	-	2.46	V
						Med	1.0	0.00	0	10126	-	18172	10	2	20	370	-	1.79	V
						fin	1.0	0.00	0	16613	-	40383	10	2	9	105	-	2.43	V
37	315	Piano 1	50-22	5	2.5	Ini	1.0	0.00	0	13779	-	34237	10	2	9	90	-	2.48	V
						Med	1.0	0.00	0	10463	-	15406	10	2	20	65	-	1.47	V
						fin	1.0	0.00	0	12442	-	34237	10	2	9	90	-	2.75	V
38	316	Piano 1	23-25	5	2.5	Ini	1.0	0.00	0	16214	-	34237	10	2	9	90	-	2.11	V
						Med	1.0	0.00	0	10799	-	15406	10	2	20	95	-	1.43	V
						fin	1.0	0.00	0	16145	-	34237	10	2	9	90	-	2.12	V
39	317	Piano 1	24-26	5	2.5	Ini	1.0	0.00	0	13755	-	34237	10	2	9	90	-	2.49	V
						Med	1.0	0.00	0	9527	-	15406	10	2	20	95	-	1.62	V
						fin	1.0	0.00	0	13703	-	34237	10	2	9	90	-	2.50	V
40	318	Piano 1	25-34	5	2.5	Ini	1.0	0.00	0	15854	-	34237	10	2	9	90	-	2.16	V
						Med	1.0	0.00	0	10474	-	15406	10	2	20	105	-	1.47	V
						fin	1.0	0.00	0	15898	-	34237	10	2	9	90	-	2.15	V
41	319	Piano 1	26-27	14	2.5	Ini	1.0	0.00	0	3555	-	27245	10	2	4	36	-	7.66	V
						Med	1.0	0.00	0	2134	-	7265	10	2	15	228	-	3.40	V
						fin	1.0	0.00	0	3267	-	27245	10	2	4	36	-	8.34	V
42	320	Piano 1	26-35	5	2.5	Ini	1.0	0.00	0	13357	-	34237	10	2	9	90	-	2.56	V
						Med	1.0	0.00	0	9507	-	15406	10	2	20	105	-	1.62	V
						fin	1.0	0.00	0	13542	-	34237	10	2	9	90	-	2.53	V
43	321	Piano 1	28-27	13	2.5	Ini	1.0	0.00	0	24599	-	28090	10	2	9	90	-	1.14	V
44	322	Piano 1	27-36	5	2.5	Ini	1.0	0.00	0	11030	-	34237	10	2	9	90	-	3.10	V
						Med	1.0	0.00	0	5467	-	15406	10	2	20	210	-	2.82	V
						fin	1.0	0.00	0	9775	-	34237	10	2	9	90	-	3.50	V
45	323	Piano 1	29-28	13	2.5	Ini	1.0	0.00	0	15086	-	28090	10	2	9	145	-	1.86	V
46	324	Piano 1	32-28	5	2.5	Ini	1.0	0.00	0	15923	-	34237	10	2	9	180	-	2.15	V
47	325	Piano 1	29-30	5	2.5	Ini	1.0	0.00	0	15022	-	34237	10	2	9	150	-	2.28	V
48	326	Piano 1	29-33	5	2.5	Ini	1.0	0.00	0	16068	-	34237	10	2	9	180	-	2.13	V
49	327	Piano 1	30-31	5	2.5	Ini	1.0	0.00	0	17138	-	34237	10	2	9	90	-	2.00	V
						Med	1.0	0.00	0	12799	-	15406	10	2	20	40	-	1.20	V
						fin	1.0	0.00	0	15937	-	34237	10	2	9	90	-	2.15	V
50	328	Piano 1	43-30	9	2.5	Ini	1.0	0.00	0	15775	-	40383	10	2	9	105	-	2.56	V
						Med	1.0	0.00	0	10658	-	18172	10	2	20	390	-	1.71	V
						fin	1.0	0.00	0	16559	-	40383	10	2	9	105	-	2.44	V
51	329	Piano 1	31-44	9	2.5	Ini	1.0	0.00	0	15532	-	40383	10	2	9	105	-	2.60	V
						Med	1.0	0.00	0	10601	-	18172	10	2	20	390	-	1.71	V
						fin	1.0	0.00	0	13233	-	40383	10	2	9	105	-	3.05	V
52	330	Piano 1	32-33	5	2.5	Ini	1.0	0.00	0	11659	-	34237	10	2	9	180	-	2.94	V
53	331	Piano 1	32-37	5	2.5	Ini	1.0	0.00	0	15283	-	34237	10	2	9	180	-	2.24	V
54	332	Piano 1	33-38	5	2.5	Ini	1.0	0.00	0	15280	-	34237	10	2	9	180	-	2.24	V
55	333	Piano 1	34-39	5	2.5	Ini	1.0	0.00	0	13343	-	34237	10	2	9	90	-	2.57	V
						Med	1.0	0.00	0	10982	-	15406	10	2	20	105	-	1.40	V
						fin	1.0	0.00	0	15112	-	34237	10	2	9	90	-	2.27	V
56	334	Piano 1	35-40	5	2.5	Ini	1.0	0.00	0	14660	-	34237	10	2	9	90	-	2.34	V
						Med	1.0	0.00	0	9344	-	15406	10	2	20	105	-	1.65	V
						fin	1.0	0.00	0	14639	-	34237	10	2	9	90	-	2.34	V
57	335	Piano 1	37-36	13	2.5	Ini	1.0	0.00	0	17958	-	28090	10	2	9	115	-	1.56	V
58	336	Piano 1	36-41	5	2.5	Ini	1.0	0.00	0	22298	-	34237	10	2	9	180	-	1.54	V
59	337	Piano 1	37-38	5	2.5	Ini	1.0	0.00	0	10533	-	34237	10	2	9	180	-	3.25	V
60	338	Piano 1	45-39	13	2.5	Ini	1.0	0.00	0	12632	-	28090	10	2	9	75	-	2.22	V
						Med	1.0	0.00	0	8754	-	12640	10	2	20	180	-	1.44	V
						fin	1.0	0.00	0	11239	-	28090	10	2	9	75	-	2.50	V
61	339	Piano 1	39-49	5	2.5	Ini	1.0	0.00	0	10286	-	34237	10	2	9	90	-	3.33	V
						Med	1.0	0.00	0	8011	-	15406	10	2	20	525	-	1.92	V
						fin	1.0	0.00	0	8145	-	34237	10	2	9	90	-	4.20	V
62	340	Piano 1	41-40	9	2.5	Ini	1.0	0.00	0	18356	-	40383	10	2	9	105	-	2.20	V
						Med	1.0	0.00	0	10168	-	18172	10	2	20	100	-	1.79	V
						fin	1.0	0.00	0	18495	-	40383	10	2	9	105	-	2.18	V
63	341	Piano 1	46-40	13	2.5	Ini	1.0	0.00	0	8195	-	28090	10	2	9	75	-	3.43	V
						Med	1.0	0.00	0	6306	-	12640	10	2	20	182	-	2.00	V
						fin	1.0	0.00	0	8848	-	28090	10	2	9	75	-	3.17	V
64	342	Piano 1	41-42	5	2.5	Ini	1.0	0.00	0	16616	-	34237	10	2	9	90	-	2.06	V
						Med	1.0	0.00	0	12703	-	15406	10	2	20	85	-	1.21	V
						fin	1.0	0.00	0	16991	-	34237	10	2	9	90	-	2.02	V
65	343	Piano 1	42-43	5	2.5	Ini	1.0	0.00	0	20890	-	34237	10	2	9	150	-	1.64	V
66	344	Piano 1	43-44	5	2.5	Ini	1.0	0.00	0	16527	-	34237	10	2	9	90	-	2.07	V
						Med	1.0	0.00	0	13592	-	15406	10	2	20	40	-	1.13	V
						fin	1.0	0.00	0	16305	-	34237	10	2	9	90	-	2.10	V
67	345	Piano 1	45-46	13	2.5	Ini	1.0	0.00	0	12860	-	28090	10	2	9	75	-	2.18	V
						Med	1.0	0.00	0	9816	-	12640	10	2	20	603	-	1.29	V
						fin	1.0	0.00	0	12987	-	28090	10	2	9	75	-	2.16	V
68	401	Piano 2	1-2	5	2.5	Ini	1.0	0.00	0	10692	-	34237	10	2	9	90	-	3.20	V
						Med	1.0	0.00	0	7638	-	15406	10	2	20	275	-	2.02	V
						fin	1.0	0.00	0	11316	-	34237	10	2	9	90	-	3.03	V
69	402	Piano 2	1-7	13	2.5	Ini	1.0	0.00	0	12328	-	28090	10	2	9	75	-	2.28	V
						Med	1.0	0.00	0	8663	-	12640	10	2	20	125	-	1.46	V
						fin	1.0	0.00	0	11589	-	28090	10	2	9	75	-	2.42	V
70	403	Piano 2	2-3	5	2.5	Ini	1.0	0.00	0	12146	-	34237	10	2	9	90	-	2.82	V
						Med	1.0	0.00	0	8377	-	15406	10	2	20	165	-	1.84	V
						fin	1.0	0.00	0	11809	-	34237	10	2	9	90	-	2.90	V
71	404	Piano 2	2-8	14	2.5	Ini	1.0	0.00	0	3868	-	27245	10	2	4	36	-	7.04	V
						Med	1.0	0.00	0	2465	-	7265	10	2	15	203	-	2.95	V
						fin	1.0	0.00	0	4087	-	27245	10	2	4	36	-	6.67	V
72	405	Piano 2	3-4	5	2.5	Ini	1.0	0.00	0	11428	-	34237	10	2	9	90	-	3.00	V
						Med	1.0	0.00	0	8316	-	15406	10	2	20	140	-	1.85	V
						fin	1.0	0.00	0	10544	-	34237	10	2	9	90	-	3.25	V

73	406	Piano 2	3-9	14	2.5	Ini	1.0	0.00	0	5288	-	27245	10	2	4	36	-	5.15	V
						Med	1.0	0.00	0	3770	-	7265	10	2	15	203	-	1.93	V
						fin	1.0	0.00	0	5753	-	27245	10	2	4	36	-	4.74	V
74	407	Piano 2	4-5	5	2.5	Ini	1.0	0.00	0	9911	-	34237	10	2	9	90	-	3.45	V
						Med	1.0	0.00	0	6250	-	15406	10	2	20	115	-	2.46	V
						fin	1.0	0.00	0	9565	-	34237	10	2	9	90	-	3.58	V
75	408	Piano 2	4-13	9	2.5	Ini	1.0	0.00	0	13853	-	40383	10	2	9	105	-	2.92	V
						Med	1.0	0.00	0	9663	-	18172	10	2	20	370	-	1.88	V
						fin	1.0	0.00	0	15872	-	40383	10	2	9	105	-	2.54	V
76	409	Piano 2	5-6	5	2.5	Ini	1.0	0.00	0	9584	-	34237	10	2	9	90	-	3.57	V
						Med	1.0	0.00	0	7030	-	15406	10	2	20	220	-	2.19	V
						fin	1.0	0.00	0	8745	-	34237	10	2	9	90	-	3.91	V
77	410	Piano 2	5-14	9	2.5	Ini	1.0	0.00	0	16224	-	40383	10	2	9	105	-	2.49	V
						Med	1.0	0.00	0	11286	-	18172	10	2	20	370	-	1.61	V
						fin	1.0	0.00	0	18318	-	40383	10	2	9	105	-	2.20	V
78	411	Piano 2	6-15	9	2.5	Ini	1.0	0.00	0	15476	-	40383	10	2	9	105	-	2.61	V
						Med	1.0	0.00	0	10637	-	18172	10	2	20	370	-	1.71	V
						fin	1.0	0.00	0	17192	-	40383	10	2	9	105	-	2.35	V
79	412	Piano 2	7-8	5	2.5	Ini	1.0	0.00	0	11501	-	34237	10	2	9	90	-	2.98	V
						Med	1.0	0.00	0	8511	-	15406	10	2	20	275	-	1.81	V
						fin	1.0	0.00	0	13121	-	34237	10	2	9	90	-	2.61	V
80	413	Piano 2	7-10	13	2.5	Ini	1.0	0.00	0	12548	-	28090	10	2	9	75	-	2.24	V
						Med	1.0	0.00	0	8196	-	12640	10	2	20	125	-	1.54	V
						fin	1.0	0.00	0	11353	-	28090	10	2	9	75	-	2.47	V
81	414	Piano 2	8-9	5	2.5	Ini	1.0	0.00	0	12950	-	34237	10	2	9	90	-	2.64	V
						Med	1.0	0.00	0	8409	-	15406	10	2	20	165	-	1.83	V
						fin	1.0	0.00	0	12585	-	34237	10	2	9	90	-	2.72	V
82	415	Piano 2	8-11	5	2.5	Ini	1.0	0.00	0	10377	-	34237	10	2	9	90	-	3.30	V
						Med	1.0	0.00	0	8281	-	15406	10	2	20	95	-	1.86	V
						fin	1.0	0.00	0	10819	-	34237	10	2	9	90	-	3.16	V
83	416	Piano 2	9-12	13	2.5	Ini	1.0	0.00	0	9919	-	28090	10	2	9	75	-	2.83	V
						Med	1.0	0.00	0	6390	-	12640	10	2	20	125	-	1.98	V
						fin	1.0	0.00	0	10458	-	28090	10	2	9	75	-	2.69	V
84	417	Piano 2	10-11	5	2.5	Ini	1.0	0.00	0	10063	-	34237	10	2	9	90	-	3.40	V
						Med	1.0	0.00	0	8819	-	15406	10	2	20	275	-	1.75	V
						fin	1.0	0.00	0	12761	-	34237	10	2	9	90	-	2.68	V
85	418	Piano 2	10-16	13	2.5	Ini	1.0	0.00	0	12966	-	28090	10	2	9	75	-	2.17	V
						Med	1.0	0.00	0	9078	-	12640	10	2	20	125	-	1.39	V
						fin	1.0	0.00	0	11420	-	28090	10	2	9	75	-	2.46	V
86	419	Piano 2	11-12	5	2.5	Ini	1.0	0.00	0	13420	-	34237	10	2	9	90	-	2.55	V
						Med	1.0	0.00	0	8768	-	15406	10	2	20	160	-	1.76	V
						fin	1.0	0.00	0	12234	-	34237	10	2	9	90	-	2.80	V
87	420	Piano 2	12-13	14	2.5	Ini	1.0	0.00	0	3226	-	27245	10	2	4	36	-	8.44	V
						Med	1.0	0.00	0	1827	-	7265	10	2	15	253	-	3.98	V
						fin	1.0	0.00	0	2599	-	27245	10	2	4	36	-	10.48	V
88	421	Piano 2	12-17	13	2.5	Ini	1.0	0.00	0	10423	-	28090	10	2	9	75	-	2.69	V
						Med	1.0	0.00	0	6754	-	12640	10	2	20	125	-	1.87	V
						fin	1.0	0.00	0	9932	-	28090	10	2	9	75	-	2.83	V
89	422	Piano 2	13-14	5	2.5	Ini	1.0	0.00	0	8867	-	34237	10	2	9	90	-	3.86	V
						Med	1.0	0.00	0	8036	-	15406	10	2	20	115	-	1.92	V
						fin	1.0	0.00	0	9200	-	34237	10	2	9	90	-	3.72	V
90	423	Piano 2	13-20	9	2.5	Ini	1.0	0.00	0	13808	-	40383	10	2	9	105	-	2.92	V
						Med	1.0	0.00	0	8235	-	18172	10	2	20	370	-	2.21	V
						fin	1.0	0.00	0	13691	-	40383	10	2	9	105	-	2.95	V
91	424	Piano 2	14-15	5	2.5	Ini	1.0	0.00	0	9830	-	34237	10	2	9	90	-	3.48	V
						Med	1.0	0.00	0	6956	-	15406	10	2	20	220	-	2.21	V
						fin	1.0	0.00	0	8738	-	34237	10	2	9	90	-	3.92	V
92	425	Piano 2	14-21	9	2.5	Ini	1.0	0.00	0	18310	-	40383	10	2	9	105	-	2.21	V
						Med	1.0	0.00	0	10149	-	18172	10	2	20	370	-	1.79	V
						fin	1.0	0.00	0	18127	-	40383	10	2	9	105	-	2.23	V
93	426	Piano 2	15-22	9	2.5	Ini	1.0	0.00	0	16451	-	40383	10	2	9	105	-	2.45	V
						Med	1.0	0.00	0	9505	-	18172	10	2	20	370	-	1.91	V
						fin	1.0	0.00	0	16216	-	40383	10	2	9	105	-	2.49	V
94	427	Piano 2	16-17	9	2.5	Ini	1.0	0.00	0	15724	-	40383	10	2	9	105	-	2.57	V
						Med	1.0	0.00	0	12680	-	18172	10	2	20	650	-	1.43	V
						fin	1.0	0.00	0	16540	-	40383	10	2	9	105	-	2.44	V
95	428	Piano 2	16-18	13	2.5	Ini	1.0	0.00	0	12098	-	28090	10	2	9	75	-	2.32	V
						Med	1.0	0.00	0	8189	-	12640	10	2	20	125	-	1.54	V
						fin	1.0	0.00	0	11655	-	28090	10	2	9	75	-	2.41	V
96	429	Piano 2	17-19	13	2.5	Ini	1.0	0.00	0	11427	-	28090	10	2	9	75	-	2.46	V
						Med	1.0	0.00	0	7437	-	12640	10	2	20	125	-	1.70	V
						fin	1.0	0.00	0	11492	-	28090	10	2	9	75	-	2.44	V
97	430	Piano 2	18-19	9	2.5	Ini	1.0	0.00	0	15583	-	40383	10	2	9	105	-	2.59	V
						Med	1.0	0.00	0	12939	-	18172	10	2	20	650	-	1.40	V
						fin	1.0	0.00	0	16825	-	40383	10	2	9	105	-	2.40	V
98	431	Piano 2	18-23	13	2.5	Ini	1.0	0.00	0	11932	-	28090	10	2	9	75	-	2.35	V
						Med	1.0	0.00	0	8018	-	12640	10	2	20	125	-	1.58	V
						fin	1.0	0.00	0	11817	-	28090	10	2	9	75	-	2.38	V
99	432	Piano 2	19-20	14	2.5	Ini	1.0	0.00	0	3741	-	27245	10	2	4	36	-	7.28	V
						Med	1.0	0.00	0	2062	-	7265	10	2	15	218	-	3.52	V
						fin	1.0	0.00	0	2908	-	27245	10	2	4	36	-	9.37	V
100	433	Piano 2	19-24	13	2.5	Ini	1.0	0.00	0	9953	-	28090	10	2	9	75	-	2.82	V
						Med	1.0	0.00	0	7502	-	12640	10	2	20	125	-	1.69	V
						fin	1.0	0.00	0	10407	-	28090	10	2	9	75	-	2.70	V
101	434	Piano 2	20-21	5	2.5	Ini	1.0	0.00	0	12369	-	34237	10	2	9	90	-	2.77	V
						Med	1.0	0.00	0	8738	-	15406	10	2	20	115	-	1.76	V
						fin	1.0	0.00	0	11207	-	34237	10	2	9	90	-	3.05	V
102	435	Piano 2	20-27	9	2.5	Ini	1.0	0.00	0	14982	-	40383	10	2	9	105	-	2.70	V
						Med	1.0	0.00	0	8806	-	18172	10	2	20	370	-	2.06	V
						fin	1.0	0.00	0	14175	-	40383	10	2	9	105	-	2.85	V
103	436	Piano 2	21-29	9	2.5	Ini	1.0	0.00	0	18964	-	40383	10	2	9	105	-	2.13	V
						Med	1.0	0.00	0	10482	-	18172	10	2	20	370	-	1.73	V
						fin	1.0	0.00	0	17465	-	40383	10	2	9	105	-	2.31	V
104	437	Piano 2	21-50	5	2.5	Ini	1.0	0.00	0	21623	-	34237	10	2	9	90	-	1.58	V
105	438	Piano 2	22-31	9	2.5	Ini	1.0	0.00	0	16345	-	40383	10	2	9	105	-	2.47	V

						Med	1.0	0.00	0	9384	-	18172	10	2	20	370	-	1.94	V
						fin	1.0	0.00	0	16322	-	40383	10	2	9	105	-	2.47	V
106	439	Piano 2	50-22	5	2.5	Ini	1.0	0.00	0	17358	-	34237	10	2	9	90	-	1.97	V
						Med	1.0	0.00	0	12164	-	15406	10	2	20	65	-	1.27	V
						fin	1.0	0.00	0	16020	-	34237	10	2	9	90	-	2.14	V
107	440	Piano 2	23-24	9	2.5	Ini	1.0	0.00	0	16223	-	40383	10	2	9	105	-	2.49	V
						Med	1.0	0.00	0	12892	-	18172	10	2	20	650	-	1.41	V
						fin	1.0	0.00	0	17268	-	40383	10	2	9	105	-	2.34	V
108	441	Piano 2	23-25	13	2.5	Ini	1.0	0.00	0	11798	-	28090	10	2	9	75	-	2.38	V
						Med	1.0	0.00	0	7968	-	12640	10	2	20	125	-	1.59	V
						fin	1.0	0.00	0	11979	-	28090	10	2	9	75	-	2.34	V
109	442	Piano 2	24-26	13	2.5	Ini	1.0	0.00	0	11475	-	28090	10	2	9	75	-	2.45	V
						Med	1.0	0.00	0	7329	-	12640	10	2	20	125	-	1.72	V
						fin	1.0	0.00	0	11444	-	28090	10	2	9	75	-	2.45	V
110	443	Piano 2	25-26	9	2.5	Ini	1.0	0.00	0	16235	-	36289	10	2	10	105	-	2.24	V
						Med	1.0	0.00	0	13234	-	18145	10	2	20	650	-	1.37	V
						fin	1.0	0.00	0	17582	-	36289	10	2	10	105	-	2.06	V
111	444	Piano 2	25-34	13	2.5	Ini	1.0	0.00	0	10051	-	28090	10	2	9	75	-	2.79	V
						Med	1.0	0.00	0	8042	-	12640	10	2	20	135	-	1.57	V
						fin	1.0	0.00	0	10749	-	28090	10	2	9	75	-	2.61	V
112	445	Piano 2	26-27	14	2.5	Ini	1.0	0.00	0	3745	-	27245	10	2	4	36	-	7.28	V
						Med	1.0	0.00	0	2265	-	7265	10	2	15	228	-	3.21	V
						fin	1.0	0.00	0	3077	-	27245	10	2	4	36	-	8.85	V
113	446	Piano 2	26-35	13	2.5	Ini	1.0	0.00	0	9977	-	28090	10	2	9	75	-	2.82	V
						Med	1.0	0.00	0	7300	-	12640	10	2	20	135	-	1.73	V
						fin	1.0	0.00	0	10035	-	28090	10	2	9	75	-	2.80	V
114	447	Piano 2	28-27	13	2.5	Ini	1.0	0.00	0	19983	-	28090	10	2	9	90	-	1.41	V
115	448	Piano 2	27-36	5	2.5	Ini	1.0	0.00	0	10555	-	34237	10	2	9	90	-	3.24	V
						Med	1.0	0.00	0	5144	-	15406	10	2	20	210	-	2.99	V
						fin	1.0	0.00	0	9426	-	34237	10	2	9	90	-	3.63	V
116	449	Piano 2	29-28	13	2.5	Ini	1.0	0.00	0	16251	-	28090	10	2	9	145	-	1.73	V
117	450	Piano 2	32-28	5	2.5	Ini	1.0	0.00	0	16175	-	34237	10	2	9	180	-	2.12	V
118	451	Piano 2	29-30	5	2.5	Ini	1.0	0.00	0	15806	-	34237	10	2	9	150	-	2.17	V
119	452	Piano 2	29-33	5	2.5	Ini	1.0	0.00	0	15395	-	34237	10	2	9	180	-	2.22	V
120	453	Piano 2	30-31	5	2.5	Ini	1.0	0.00	0	17015	-	34237	10	2	9	90	-	2.01	V
						Med	1.0	0.00	0	13073	-	15406	10	2	20	40	-	1.18	V
						fin	1.0	0.00	0	15869	-	34237	10	2	9	90	-	2.16	V
121	454	Piano 2	30-43	9	2.5	Ini	1.0	0.00	0	15593	-	40383	10	2	9	105	-	2.59	V
						Med	1.0	0.00	0	9621	-	18172	10	2	20	390	-	1.89	V
						fin	1.0	0.00	0	14906	-	40383	10	2	9	105	-	2.71	V
122	455	Piano 2	31-44	9	2.5	Ini	1.0	0.00	0	15078	-	40383	10	2	9	105	-	2.68	V
						Med	1.0	0.00	0	9352	-	18172	10	2	20	390	-	1.94	V
						fin	1.0	0.00	0	13278	-	40383	10	2	9	105	-	3.04	V
123	456	Piano 2	32-33	5	2.5	Ini	1.0	0.00	0	12437	-	34237	10	2	9	180	-	2.75	V
124	457	Piano 2	32-37	5	2.5	Ini	1.0	0.00	0	15183	-	34237	10	2	9	180	-	2.25	V
125	458	Piano 2	33-38	5	2.5	Ini	1.0	0.00	0	13630	-	34237	10	2	9	180	-	2.51	V
126	459	Piano 2	34-35	9	2.5	Ini	1.0	0.00	0	17220	-	36289	10	2	10	105	-	2.11	V
						Med	1.0	0.00	0	13171	-	18145	10	2	20	650	-	1.38	V
						fin	1.0	0.00	0	18317	-	36289	10	2	10	105	-	1.98	V
127	460	Piano 2	34-39	13	2.5	Ini	1.0	0.00	0	8622	-	28090	10	2	9	75	-	3.26	V
						Med	1.0	0.00	0	8101	-	12640	10	2	20	135	-	1.56	V
						fin	1.0	0.00	0	9957	-	28090	10	2	9	75	-	2.82	V
128	461	Piano 2	35-40	13	2.5	Ini	1.0	0.00	0	9576	-	28090	10	2	9	75	-	2.93	V
						Med	1.0	0.00	0	6445	-	12640	10	2	20	135	-	1.96	V
						fin	1.0	0.00	0	10093	-	28090	10	2	9	75	-	2.78	V
129	462	Piano 2	37-36	13	2.5	Ini	1.0	0.00	0	18124	-	28090	10	2	9	115	-	1.55	V
130	463	Piano 2	36-41	5	2.5	Ini	1.0	0.00	0	19547	-	34237	10	2	9	180	-	1.75	V
131	464	Piano 2	37-38	5	2.5	Ini	1.0	0.00	0	11786	-	34237	10	2	9	180	-	2.90	V
132	465	Piano 2	45-39	13	2.5	Ini	1.0	0.00	0	9436	-	28090	10	2	9	75	-	2.98	V
						Med	1.0	0.00	0	6091	-	12640	10	2	20	180	-	2.08	V
						fin	1.0	0.00	0	7903	-	28090	10	2	9	75	-	3.55	V
133	466	Piano 2	39-49	9	2.5	Ini	1.0	0.00	0	16618	-	40383	10	2	9	105	-	2.43	V
						Med	1.0	0.00	0	12339	-	18172	10	2	20	495	-	1.47	V
						fin	1.0	0.00	0	12828	-	40383	10	2	9	105	-	3.15	V
134	467	Piano 2	40-41	9	2.5	Ini	1.0	0.00	0	18674	-	40383	10	2	9	105	-	2.16	V
						Med	1.0	0.00	0	10221	-	18172	10	2	20	100	-	1.78	V
						fin	1.0	0.00	0	18057	-	40383	10	2	9	105	-	2.24	V
135	468	Piano 2	46-40	5	2.5	Ini	1.0	0.00	0	8780	-	34237	10	2	9	90	-	3.90	V
						Med	1.0	0.00	0	5099	-	15406	10	2	20	152	-	3.02	V
						fin	1.0	0.00	0	9577	-	34237	10	2	9	90	-	3.57	V
136	469	Piano 2	41-42	5	2.5	Ini	1.0	0.00	0	16611	-	34237	10	2	9	90	-	2.06	V
						Med	1.0	0.00	0	12277	-	15406	10	2	20	95	-	1.25	V
						fin	1.0	0.00	0	16931	-	34237	10	2	9	90	-	2.02	V
137	470	Piano 2	42-43	5	2.5	Ini	1.0	0.00	0	23496	-	34237	10	2	9	150	-	1.46	V
138	471	Piano 2	43-44	5	2.5	Ini	1.0	0.00	0	16062	-	34237	10	2	9	90	-	2.13	V
						Med	1.0	0.00	0	15165	-	15406	10	2	20	40	-	1.02	V
						fin	1.0	0.00	0	16760	-	34237	10	2	9	90	-	2.04	V
139	472	Piano 2	45-46	5	2.5	Ini	1.0	0.00	0	11081	-	34237	10	2	9	90	-	3.09	V
						Med	1.0	0.00	0	7849	-	15406	10	2	20	573	-	1.96	V
						fin	1.0	0.00	0	11244	-	34237	10	2	9	90	-	3.04	V
140	519	Piano 3	1-2	5	2.5	Ini	1.0	0.00	0	8779	-	34237	10	2	9	90	-	3.90	V
						Med	1.0	0.00	0	5590	-	15406	10	2	20	275	-	2.76	V
						fin	1.0	0.00	0	9278	-	34237	10	2	9	90	-	3.69	V
141	520	Piano 3	1-7	13	2.5	Ini	1.0	0.00	0	7944	-	28090	10	2	9	75	-	3.54	V
						Med	1.0	0.00	0	3701	-	12640	10	2	20	125	-	3.42	V
						fin	1.0	0.00	0	7040	-	28090	10	2	9	75	-	3.99	V
142	521	Piano 3	2-3	5	2.5	Ini	1.0	0.00	0	10201	-	34237	10	2	9	90	-	3.36	V
						Med	1.0	0.00	0	5244	-	15406	10	2	20	165	-	2.94	V
						fin	1.0	0.00	0	9752	-	34237	10	2	9	90	-	3.51	V
143	522	Piano 3	2-8	14	2.5	Ini	1.0	0.00	0	2830	-	27245	10	2	4	36	-	9.63	V
						Med	1.0	0.00	0	1477	-	7265	10	2	15	203	-	4.92	V
						fin	1.0	0.00	0	2944	-	27245	10	2	4	36	-	9.26	V
144	523	Piano 3	3-4	5	2.5	Ini	1.0	0.00	0	9447	-	34237	10	2	9	90	-	3.62	V
						Med	1.0	0.00	0	5365	-	15406	10	2	20	140	-	2.87	V
						fin	1.0	0.00	0	8351	-	34237	10	2	9	90	-	4.10	V

145	524	Piano 3	3-9	14	2.5	Ini	1.0	0.00	0	4044	-	27245	10	2	4	36	-	6.74	V
						Med	1.0	0.00	0	2944	-	7265	10	2	15	203	-	2.47	V
						fin	1.0	0.00	0	4667	-	27245	10	2	4	36	-	5.84	V
146	525	Piano 3	4-5	5	2.5	Ini	1.0	0.00	0	6766	-	34237	10	2	9	90	-	5.06	V
						Med	1.0	0.00	0	3266	-	15406	10	2	20	115	-	4.72	V
						fin	1.0	0.00	0	6864	-	34237	10	2	9	90	-	4.99	V
147	526	Piano 3	4-13	9	2.5	Ini	1.0	0.00	0	10873	-	40383	10	2	9	105	-	3.71	V
						Med	1.0	0.00	0	10112	-	18172	10	2	20	370	-	1.80	V
						fin	1.0	0.00	0	14752	-	40383	10	2	9	105	-	2.74	V
148	527	Piano 3	5-6	5	2.5	Ini	1.0	0.00	0	7501	-	34237	10	2	9	90	-	4.56	V
						Med	1.0	0.00	0	4358	-	15406	10	2	20	220	-	3.53	V
						fin	1.0	0.00	0	6942	-	34237	10	2	9	90	-	4.93	V
149	528	Piano 3	5-14	9	2.5	Ini	1.0	0.00	0	12370	-	40383	10	2	9	105	-	3.26	V
						Med	1.0	0.00	0	11405	-	18172	10	2	20	370	-	1.59	V
						fin	1.0	0.00	0	16655	-	40383	10	2	9	105	-	2.42	V
150	529	Piano 3	6-15	9	2.5	Ini	1.0	0.00	0	11262	-	40383	10	2	9	105	-	3.59	V
						Med	1.0	0.00	0	7575	-	18172	10	2	20	370	-	2.40	V
						fin	1.0	0.00	0	13174	-	40383	10	2	9	105	-	3.07	V
151	530	Piano 3	7-8	5	2.5	Ini	1.0	0.00	0	10395	-	34237	10	2	9	90	-	3.29	V
						Med	1.0	0.00	0	6993	-	15406	10	2	20	275	-	2.20	V
						fin	1.0	0.00	0	11931	-	34237	10	2	9	90	-	2.87	V
152	531	Piano 3	7-10	13	2.5	Ini	1.0	0.00	0	7887	-	28090	10	2	9	75	-	3.56	V
						Med	1.0	0.00	0	3541	-	12640	10	2	20	125	-	3.57	V
						fin	1.0	0.00	0	7220	-	28090	10	2	9	75	-	3.89	V
153	532	Piano 3	8-9	5	2.5	Ini	1.0	0.00	0	12198	-	34237	10	2	9	90	-	2.81	V
						Med	1.0	0.00	0	6408	-	15406	10	2	20	165	-	2.40	V
						fin	1.0	0.00	0	10945	-	34237	10	2	9	90	-	3.13	V
154	533	Piano 3	8-11	5	2.5	Ini	1.0	0.00	0	7162	-	34237	10	2	9	90	-	4.78	V
						Med	1.0	0.00	0	3162	-	15406	10	2	20	95	-	4.87	V
						fin	1.0	0.00	0	7464	-	34237	10	2	9	90	-	4.59	V
155	534	Piano 3	9-12	13	2.5	Ini	1.0	0.00	0	6396	-	28090	10	2	9	75	-	4.39	V
						Med	1.0	0.00	0	2953	-	12640	10	2	20	125	-	4.28	V
						fin	1.0	0.00	0	6670	-	28090	10	2	9	75	-	4.21	V
156	535	Piano 3	10-11	5	2.5	Ini	1.0	0.00	0	9941	-	34237	10	2	9	90	-	3.44	V
						Med	1.0	0.00	0	7327	-	15406	10	2	20	275	-	2.10	V
						fin	1.0	0.00	0	12416	-	34237	10	2	9	90	-	2.76	V
157	536	Piano 3	10-16	13	2.5	Ini	1.0	0.00	0	8378	-	28090	10	2	9	75	-	3.35	V
						Med	1.0	0.00	0	3845	-	12640	10	2	20	125	-	3.29	V
						fin	1.0	0.00	0	7411	-	28090	10	2	9	75	-	3.79	V
158	537	Piano 3	11-12	5	2.5	Ini	1.0	0.00	0	12489	-	34237	10	2	9	90	-	2.74	V
						Med	1.0	0.00	0	6692	-	15406	10	2	20	160	-	2.30	V
						fin	1.0	0.00	0	10742	-	34237	10	2	9	90	-	3.19	V
159	538	Piano 3	12-13	14	2.5	Ini	1.0	0.00	0	2709	-	27245	10	2	4	36	-	10.06	V
						Med	1.0	0.00	0	1651	-	7265	10	2	15	253	-	4.40	V
						fin	1.0	0.00	0	1989	-	27245	10	2	4	36	-	13.70	V
160	539	Piano 3	12-17	13	2.5	Ini	1.0	0.00	0	7888	-	28090	10	2	9	75	-	3.56	V
						Med	1.0	0.00	0	3505	-	12640	10	2	20	125	-	3.61	V
						fin	1.0	0.00	0	7466	-	28090	10	2	9	75	-	3.76	V
161	540	Piano 3	13-14	5	2.5	Ini	1.0	0.00	0	8699	-	34237	10	2	9	90	-	3.94	V
						Med	1.0	0.00	0	5422	-	15406	10	2	20	115	-	2.84	V
						fin	1.0	0.00	0	9457	-	34237	10	2	9	90	-	3.62	V
162	541	Piano 3	13-20	9	2.5	Ini	1.0	0.00	0	13192	-	40383	10	2	9	105	-	3.06	V
						Med	1.0	0.00	0	8552	-	18172	10	2	20	370	-	2.12	V
						fin	1.0	0.00	0	12424	-	40383	10	2	9	105	-	3.25	V
163	542	Piano 3	14-15	5	2.5	Ini	1.0	0.00	0	7709	-	34237	10	2	9	90	-	4.44	V
						Med	1.0	0.00	0	5231	-	15406	10	2	20	220	-	2.95	V
						fin	1.0	0.00	0	6802	-	34237	10	2	9	90	-	5.03	V
164	543	Piano 3	14-21	9	2.5	Ini	1.0	0.00	0	15123	-	40383	10	2	9	105	-	2.67	V
						Med	1.0	0.00	0	9873	-	18172	10	2	20	370	-	1.84	V
						fin	1.0	0.00	0	13886	-	40383	10	2	9	105	-	2.91	V
165	544	Piano 3	15-22	9	2.5	Ini	1.0	0.00	0	11277	-	40383	10	2	9	105	-	3.58	V
						Med	1.0	0.00	0	6386	-	18172	10	2	20	370	-	2.85	V
						fin	1.0	0.00	0	10965	-	40383	10	2	9	105	-	3.68	V
166	545	Piano 3	16-17	9	2.5	Ini	1.0	0.00	0	15478	-	40383	10	2	9	105	-	2.61	V
						Med	1.0	0.00	0	12486	-	18172	10	2	20	650	-	1.46	V
						fin	1.0	0.00	0	16345	-	40383	10	2	9	105	-	2.47	V
167	546	Piano 3	16-18	13	2.5	Ini	1.0	0.00	0	7906	-	28090	10	2	9	75	-	3.55	V
						Med	1.0	0.00	0	3398	-	12640	10	2	20	125	-	3.72	V
						fin	1.0	0.00	0	7739	-	28090	10	2	9	75	-	3.63	V
168	547	Piano 3	17-19	13	2.5	Ini	1.0	0.00	0	8050	-	28090	10	2	9	75	-	3.49	V
						Med	1.0	0.00	0	3480	-	12640	10	2	20	125	-	3.63	V
						fin	1.0	0.00	0	8085	-	28090	10	2	9	75	-	3.47	V
169	548	Piano 3	18-19	9	2.5	Ini	1.0	0.00	0	15321	-	40383	10	2	9	105	-	2.64	V
						Med	1.0	0.00	0	12696	-	18172	10	2	20	650	-	1.43	V
						fin	1.0	0.00	0	16583	-	40383	10	2	9	105	-	2.44	V
170	549	Piano 3	18-23	13	2.5	Ini	1.0	0.00	0	7794	-	28090	10	2	9	75	-	3.60	V
						Med	1.0	0.00	0	3326	-	12640	10	2	20	125	-	3.80	V
						fin	1.0	0.00	0	7808	-	28090	10	2	9	75	-	3.60	V
171	550	Piano 3	19-20	14	2.5	Ini	1.0	0.00	0	3834	-	27245	10	2	4	36	-	7.11	V
						Med	1.0	0.00	0	2194	-	7265	10	2	15	218	-	3.31	V
						fin	1.0	0.00	0	2880	-	27245	10	2	4	36	-	9.46	V
172	551	Piano 3	19-24	13	2.5	Ini	1.0	0.00	0	7841	-	28090	10	2	9	75	-	3.58	V
						Med	1.0	0.00	0	3642	-	12640	10	2	20	125	-	3.47	V
						fin	1.0	0.00	0	8225	-	28090	10	2	9	75	-	3.42	V
173	552	Piano 3	20-21	5	2.5	Ini	1.0	0.00	0	9252	-	34237	10	2	9	90	-	3.70	V
						Med	1.0	0.00	0	7321	-	15406	10	2	20	115	-	2.10	V
						fin	1.0	0.00	0	8816	-	34237	10	2	9	90	-	3.88	V
174	553	Piano 3	20-27	9	2.5	Ini	1.0	0.00	0	13303	-	40383	10	2	9	105	-	3.04	V
						Med	1.0	0.00	0	8672	-	18172	10	2	20	370	-	2.10	V
						fin	1.0	0.00	0	12296	-	40383	10	2	9	105	-	3.28	V
175	554	Piano 3	21-29	9	2.5	Ini	1.0	0.00	0	15972	-	40383	10	2	9	105	-	2.53	V
						Med	1.0	0.00	0	10722	-	18172	10	2	20	370	-	1.69	V
						fin	1.0	0.00	0	13871	-	40383	10	2	9	105	-	2.91	V
176	555	Piano 3	21-50	5	2.5	Ini	1.0	0.00	0	23047	-	34237	10	2	9	90	-	1.49	V
177	556	Piano 3	22-31	9	2.5	Ini	1.0	0.00	0	11167	-	40383	10	2	9	105	-	3.62	V

						Med	1.0	0.00	0	6187	-	18172	10	2	20	370	-	2.94	V
						fin	1.0	0.00	0	11240	-	40383	10	2	9	105	-	3.59	V
178	557	Piano 3	50-22	5	2.5	Ini	1.0	0.00	0	14107	-	34237	10	2	9	90	-	2.43	V
						Med	1.0	0.00	0	9477	-	15406	10	2	20	65	-	1.63	V
						fin	1.0	0.00	0	12770	-	34237	10	2	9	90	-	2.68	V
179	558	Piano 3	23-24	9	2.5	Ini	1.0	0.00	0	15375	-	40383	10	2	9	105	-	2.63	V
						Med	1.0	0.00	0	12655	-	18172	10	2	20	650	-	1.44	V
						fin	1.0	0.00	0	16541	-	40383	10	2	9	105	-	2.44	V
180	559	Piano 3	23-25	13	2.5	Ini	1.0	0.00	0	7605	-	28090	10	2	9	75	-	3.69	V
						Med	1.0	0.00	0	3359	-	12640	10	2	20	125	-	3.76	V
						fin	1.0	0.00	0	7800	-	28090	10	2	9	75	-	3.60	V
181	560	Piano 3	24-26	13	2.5	Ini	1.0	0.00	0	8250	-	28090	10	2	9	75	-	3.40	V
						Med	1.0	0.00	0	3577	-	12640	10	2	20	125	-	3.53	V
						fin	1.0	0.00	0	8112	-	28090	10	2	9	75	-	3.46	V
182	561	Piano 3	25-26	9	2.5	Ini	1.0	0.00	0	15731	-	40383	10	2	9	105	-	2.57	V
						Med	1.0	0.00	0	12966	-	18172	10	2	20	650	-	1.40	V
						fin	1.0	0.00	0	16891	-	40383	10	2	9	105	-	2.39	V
183	562	Piano 3	25-34	13	2.5	Ini	1.0	0.00	0	6988	-	28090	10	2	9	75	-	4.02	V
						Med	1.0	0.00	0	3254	-	12640	10	2	20	135	-	3.88	V
						fin	1.0	0.00	0	7344	-	28090	10	2	9	75	-	3.82	V
184	563	Piano 3	26-27	14	2.5	Ini	1.0	0.00	0	3825	-	27245	10	2	4	36	-	7.12	V
						Med	1.0	0.00	0	2160	-	7265	10	2	15	228	-	3.36	V
						fin	1.0	0.00	0	2997	-	27245	10	2	4	36	-	9.09	V
185	564	Piano 3	26-35	13	2.5	Ini	1.0	0.00	0	7686	-	28090	10	2	9	75	-	3.65	V
						Med	1.0	0.00	0	3478	-	12640	10	2	20	135	-	3.63	V
						fin	1.0	0.00	0	7860	-	28090	10	2	9	75	-	3.57	V
186	565	Piano 3	28-27	13	2.5	Ini	1.0	0.00	0	19472	-	28090	10	2	9	90	-	1.44	V
187	566	Piano 3	27-36	5	2.5	Ini	1.0	0.00	0	9992	-	34237	10	2	9	90	-	3.43	V
						Med	1.0	0.00	0	5570	-	15406	10	2	20	210	-	2.77	V
						fin	1.0	0.00	0	8917	-	34237	10	2	9	90	-	3.84	V
188	567	Piano 3	29-28	13	2.5	Ini	1.0	0.00	0	17286	-	28090	10	2	9	145	-	1.62	V
189	568	Piano 3	32-28	5	2.5	Ini	1.0	0.00	0	9237	-	34237	10	2	9	180	-	3.71	V
190	569	Piano 3	29-30	5	2.5	Ini	1.0	0.00	0	15411	-	34237	10	2	9	150	-	2.22	V
191	570	Piano 3	29-33	5	2.5	Ini	1.0	0.00	0	11192	-	34237	10	2	9	180	-	3.06	V
192	571	Piano 3	30-31	5	2.5	Ini	1.0	0.00	0	11542	-	34237	10	2	9	90	-	2.97	V
						Med	1.0	0.00	0	9110	-	15406	10	2	20	40	-	1.69	V
						fin	1.0	0.00	0	10962	-	34237	10	2	9	90	-	3.12	V
193	572	Piano 3	43-30	9	2.5	Ini	1.0	0.00	0	13094	-	40383	10	2	9	105	-	3.08	V
						Med	1.0	0.00	0	8516	-	18172	10	2	20	390	-	2.13	V
						fin	1.0	0.00	0	13764	-	40383	10	2	9	105	-	2.93	V
194	573	Piano 3	31-44	9	2.5	Ini	1.0	0.00	0	10468	-	40383	10	2	9	105	-	3.86	V
						Med	1.0	0.00	0	5978	-	18172	10	2	20	390	-	3.04	V
						fin	1.0	0.00	0	8729	-	40383	10	2	9	105	-	4.63	V
195	574	Piano 3	32-33	5	2.5	Ini	1.0	0.00	0	8576	-	34237	10	2	9	180	-	3.99	V
196	575	Piano 3	32-37	5	2.5	Ini	1.0	0.00	0	9447	-	34237	10	2	9	180	-	3.62	V
197	576	Piano 3	33-38	5	2.5	Ini	1.0	0.00	0	8649	-	34237	10	2	9	180	-	3.96	V
198	577	Piano 3	34-35	9	2.5	Ini	1.0	0.00	0	16835	-	40383	10	2	9	105	-	2.40	V
						Med	1.0	0.00	0	12920	-	18172	10	2	20	650	-	1.41	V
						fin	1.0	0.00	0	17633	-	40383	10	2	9	105	-	2.29	V
199	578	Piano 3	34-39	13	2.5	Ini	1.0	0.00	0	7893	-	28090	10	2	9	75	-	3.56	V
						Med	1.0	0.00	0	4650	-	12640	10	2	20	135	-	2.72	V
						fin	1.0	0.00	0	9235	-	28090	10	2	9	75	-	3.04	V
200	579	Piano 3	35-40	13	2.5	Ini	1.0	0.00	0	8447	-	28090	10	2	9	75	-	3.33	V
						Med	1.0	0.00	0	3879	-	12640	10	2	20	135	-	3.26	V
						fin	1.0	0.00	0	8195	-	28090	10	2	9	75	-	3.43	V
201	580	Piano 3	37-36	13	2.5	Ini	1.0	0.00	0	16180	-	28090	10	2	9	115	-	1.74	V
202	581	Piano 3	36-41	5	2.5	Ini	1.0	0.00	0	11634	-	34237	10	2	9	180	-	2.94	V
203	582	Piano 3	37-38	5	2.5	Ini	1.0	0.00	0	9062	-	34237	10	2	9	180	-	3.78	V
204	583	Piano 3	39-49	9	2.5	Ini	1.0	0.00	0	10369	-	40383	10	2	9	105	-	3.89	V
						Med	1.0	0.00	0	6943	-	18172	10	2	20	495	-	2.62	V
						fin	1.0	0.00	0	8993	-	40383	10	2	9	105	-	4.49	V
205	584	Piano 3	40-41	9	2.5	Ini	1.0	0.00	0	15703	-	40383	10	2	9	105	-	2.57	V
						Med	1.0	0.00	0	6788	-	18172	10	2	20	100	-	2.68	V
						fin	1.0	0.00	0	15375	-	40383	10	2	9	105	-	2.63	V
206	585	Piano 3	41-42	5	2.5	Ini	1.0	0.00	0	13565	-	34237	10	2	9	90	-	2.52	V
						Med	1.0	0.00	0	9883	-	15406	10	2	20	95	-	1.56	V
						fin	1.0	0.00	0	13922	-	34237	10	2	9	90	-	2.46	V
207	586	Piano 3	42-43	5	2.5	Ini	1.0	0.00	0	16839	-	34237	10	2	9	150	-	2.03	V
208	587	Piano 3	43-44	5	2.5	Ini	1.0	0.00	0	12050	-	34237	10	2	9	90	-	2.84	V
						Med	1.0	0.00	0	11042	-	15406	10	2	20	40	-	1.40	V
						fin	1.0	0.00	0	13082	-	34237	10	2	9	90	-	2.62	V
209	632	Piano 4	20-21	13	2.5	Ini	1.0	0.00	0	7181	-	28090	10	2	9	75	-	3.91	V
						Med	1.0	0.00	0	7424	-	12640	10	2	20	165	-	1.70	V
						fin	1.0	0.00	0	8570	-	28090	10	2	9	75	-	3.28	V
210	633	Piano 4	47-20	10	2.5	Ini	1.0	0.00	0	2548	-	24686	10	2	8	60	-	9.69	V
						Med	1.0	0.00	0	2252	-	9875	10	2	20	145	-	4.39	V
						fin	1.0	0.00	0	3609	-	24686	10	2	8	60	-	6.84	V
211	634	Piano 4	48-21	10	2.5	Ini	1.0	0.00	0	3896	-	24686	10	2	8	60	-	6.34	V
						Med	1.0	0.00	0	8858	-	9875	10	2	20	145	-	1.11	V
						fin	1.0	0.00	0	11358	-	24686	10	2	8	60	-	2.17	V
212	635	Piano 4	27-29	5	2.5	Ini	1.0	0.00	0	9494	-	34237	10	2	9	90	-	3.61	V
						Med	1.0	0.00	0	5497	-	15406	10	2	20	95	-	2.80	V
						fin	1.0	0.00	0	9957	-	34237	10	2	9	90	-	3.44	V
213	636	Piano 4	27-41	5	2.5	Ini	1.0	0.00	0	6180	-	34237	10	2	9	90	-	5.54	V
						Med	1.0	0.00	0	4491	-	15406	10	2	20	420	-	3.43	V
						fin	1.0	0.00	0	5265	-	34237	10	2	9	90	-	6.50	V
214	637	Piano 4	27-47	10	2.5	Ini	1.0	0.00	0	6660	-	24686	10	2	8	60	-	3.71	V
						Med	1.0	0.00	0	4510	-	9875	10	2	20	145	-	2.19	V
						fin	1.0	0.00	0	3502	-	24686	10	2	8	60	-	7.05	V
215	638	Piano 4	29-30	5	2.5	Ini	1.0	0.00	0	17166	-	34237	10	2	9	150	-	1.99	V
216	639	Piano 4	29-33	5	2.5	Ini	1.0	0.00	0	9632	-	34237	10	2	9	180	-	3.55	V
217	640	Piano 4	29-48	10	2.5	Ini	1.0	0.00	0	15757	-	24617	10	2	8	60	-	1.56	V
						Med	1.0	0.00	0	13191	-	14067	10	2	14	145	-	1.07	V
						fin	1.0	0.00	0	5052	-	24617	10	2	8	60	-	4.87	V
218	641	Piano 4	30-43	5	2.5	Ini	1.0	0.00	0	5705	-	34237	10	2	9	90	-	6.00	V

						Med	1.0	0.00	0	3511	-	15406	10	2	20	420	-	4.39	V
						fin	1.0	0.00	0	5364	-	34237	10	2	9	90	-	6.38	V
219	642	Piano 4	32-33	5	2.5	Ini	1.0	0.00	0	3819	-	34237	10	2	9	180	-	8.97	V
220	643	Piano 4	32-37	5	2.5	Ini	1.0	0.00	0	5316	-	34237	10	2	9	180	-	6.44	V
221	644	Piano 4	33-38	5	2.5	Ini	1.0	0.00	0	4666	-	34237	10	2	9	180	-	7.34	V
222	645	Piano 4	37-38	5	2.5	Ini	1.0	0.00	0	4847	-	34237	10	2	9	180	-	7.06	V
223	646	Piano 4	38-42	5	2.5	Ini	1.0	0.00	0	9995	-	34237	10	2	9	180	-	3.43	V
224	647	Piano 4	41-42	5	2.5	Ini	1.0	0.00	0	9854	-	34237	10	2	9	90	-	3.47	V
						Med	1.0	0.00	0	6698	-	15406	10	2	20	95	-	2.30	V
						fin	1.0	0.00	0	9599	-	34237	10	2	9	90	-	3.57	V
225	648	Piano 4	42-43	5	2.5	Ini	1.0	0.00	0	11692	-	34237	10	2	9	150	-	2.93	V
226	649	Piano 4	47-48	8	2.5	Ini	1.0	0.00	0	641	-	23096	10	2	4	32	-	36.03	V
						Med	1.0	0.00	0	2202	-	7106	10	2	13	287	-	3.23	V
						fin	1.0	0.00	0	2551	-	23096	10	2	4	32	-	9.05	V

4.3.2.1.3 Verifiche SLV - Taglio in condizioni cicliche

Camp. : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop. : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;
$\cot(\theta)$: cotangente dell'angolo θ;
A_{Sag} : area del singolo sagomato;

Tagli Sollecitanti:
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$);
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$);
$\gamma_{Rd} = 1.2$;
Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;
N_{br} : numero di bracci di cui è composta la staffa;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;
: NV_min = Minimi di normativa non rispettati;

Tabella 17.II

									Tagli Sollecitanti		Tagli Resistenti								
Camp.	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**Cop. [cm]**	**Blocco**	**cot(θ)**	**A_{Sag} [cm²]**	**V_{SdXY} [daN]**	**V_{SdXZ} [daN]**	**V_{rdxy} [daN]**	**V_{rdxz} [daN]**	**ϕ [mm]**	**N_{br}**	**D_{Staffe} [cm]**	**L_{tr} [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**
1	272	Piano 1	1-2	5	2.5	Ini	1.0	0.00	90	7313	-	28014	10	2	9	90	-	3.83	V
						Med	1.0	0.00	90	6179	-	14088	10	2	20	275	-	2.28	V
						fin	1.0	0.00	90	8468	-	28014	10	2	9	90	-	3.31	V
2	273	Piano 1	1-7	5	2.5	Ini	1.0	0.00	211	11857	-	32030	10	2	9	90	-	2.70	V
						Med	1.0	0.00	211	10723	-	17537	10	2	20	95	-	1.64	V
						fin	1.0	0.00	211	11139	-	30329	10	2	9	90	-	2.72	V
3	274	Piano 1	2-3	5	2.5	Ini	1.0	0.00	100	8613	-	29022	10	2	9	90	-	3.37	V
						Med	1.0	0.00	100	6001	-	15096	10	2	20	165	-	2.52	V
						fin	1.0	0.00	100	8093	-	29022	10	2	9	90	-	3.59	V
4	275	Piano 1	2-8	14	2.5	Ini	1.0	0.00	337	2735	-	21592	10	2	4	36	-	7.90	V
						Med	1.0	0.00	337	2800	-	6457	10	2	15	203	-	2.31	V
						fin	1.0	0.00	337	3116	-	21233	10	2	4	36	-	6.81	V
5	276	Piano 1	3-4	5	2.5	Ini	1.0	0.00	108	8258	-	29299	10	2	9	90	-	3.55	V
						Med	1.0	0.00	108	6961	-	15373	10	2	20	140	-	2.21	V
						fin	1.0	0.00	108	7252	-	29299	10	2	9	90	-	4.04	V

6	277	Piano 1	3-9	14	2.5	Ini	1.0	0.00	324	4184	-	21423	10	2	4	36	-	5.12	V
						Med	1.0	0.00	324	3703	-	6467	10	2	15	203	-	1.75	V
						fin	1.0	0.00	324	4791	-	21243	10	2	4	36	-	4.43	V
7	278	Piano 1	4-5	5	2.5	Ini	1.0	0.00	318	3901	-	29808	10	2	9	90	-	7.64	V
						Med	1.0	0.00	120	1438	-	15882	10	2	20	115	-	11.04	V
						fin	1.0	0.00	190	14658	-	29588	10	2	9	90	-	2.02	V
8	282	Piano 1	4-13	9	2.5	Ini	1.0	0.00	102	12124	-	32886	10	2	9	105	-	2.71	V
						Med	1.0	0.00	102	10008	-	16157	10	2	20	370	-	1.61	V
						fin	1.0	0.00	102	14195	-	32584	10	2	9	105	-	2.30	V
9	283	Piano 1	5-6	5	2.5	Ini	1.0	0.00	322	11736	-	28337	10	2	9	90	-	2.41	V
						Med	1.0	0.00	90	1596	-	14618	10	2	20	220	-	9.16	V
						fin	1.0	0.00	214	12229	-	28217	10	2	9	90	-	2.31	V
10	288	Piano 1	5-14	9	2.5	Ini	1.0	0.00	99	15327	-	31001	10	2	10	105	-	2.02	V
						Med	1.0	0.00	99	12592	-	16817	10	2	20	370	-	1.34	V
						fin	1.0	0.00	99	17351	-	29854	10	2	10	105	-	1.72	V
11	289	Piano 1	6-15	9	2.5	Ini	1.0	0.00	48	13187	-	30606	10	2	10	105	-	2.32	V
						Med	1.0	0.00	48	11132	-	16805	10	2	20	370	-	1.51	V
						fin	1.0	0.00	48	15047	-	29842	10	2	10	105	-	1.98	V
12	290	Piano 1	7-8	5	2.5	Ini	1.0	0.00	75	7757	-	27930	10	2	9	90	-	3.60	V
						Med	1.0	0.00	75	6844	-	14004	10	2	20	275	-	2.05	V
						fin	1.0	0.00	75	9644	-	27930	10	2	9	90	-	2.90	V
13	291	Piano 1	7-10	5	2.5	Ini	1.0	0.00	117	11676	-	29770	10	2	9	90	-	2.55	V
						Med	1.0	0.00	117	9423	-	15844	10	2	20	95	-	1.68	V
						fin	1.0	0.00	117	10143	-	29770	10	2	9	90	-	2.94	V
14	292	Piano 1	8-9	5	2.5	Ini	1.0	0.00	113	9855	-	28754	10	2	9	90	-	2.92	V
						Med	1.0	0.00	113	6721	-	14828	10	2	20	165	-	2.21	V
						fin	1.0	0.00	113	8397	-	28754	10	2	9	90	-	3.42	V
15	293	Piano 1	8-11	5	2.5	Ini	1.0	0.00	19	9726	-	30347	10	2	9	90	-	3.12	V
						Med	1.0	0.00	19	9483	-	16421	10	2	20	95	-	1.73	V
						fin	1.0	0.00	19	10046	-	30347	10	2	9	90	-	3.02	V
16	294	Piano 1	9-12	5	2.5	Ini	1.0	0.00	25	9665	-	29773	10	2	9	90	-	3.08	V
						Med	1.0	0.00	25	8712	-	15847	10	2	20	95	-	1.82	V
						fin	1.0	0.00	25	10440	-	29773	10	2	9	90	-	2.85	V
17	295	Piano 1	10-11	5	2.5	Ini	1.0	0.00	78	5178	-	28172	10	2	9	90	-	5.44	V
						Med	1.0	0.00	78	6228	-	14246	10	2	20	275	-	2.29	V
						fin	1.0	0.00	78	7968	-	28172	10	2	9	90	-	3.54	V
18	296	Piano 1	10-16	5	2.5	Ini	1.0	0.00	424	13201	-	30313	10	2	9	90	-	2.30	V
						Med	1.0	0.00	424	10634	-	16387	10	2	20	95	-	1.54	V
						fin	1.0	0.00	424	10460	-	29746	10	2	9	90	-	2.84	V
19	297	Piano 1	11-12	5	2.5	Ini	1.0	0.00	76	8841	-	29174	10	2	9	90	-	3.30	V
						Med	1.0	0.00	76	7032	-	15248	10	2	20	160	-	2.17	V
						fin	1.0	0.00	76	6721	-	29174	10	2	9	90	-	4.34	V
20	298	Piano 1	12-13	14	2.5	Ini	1.0	0.00	11	1665	-	21425	10	2	4	36	-	12.87	V
						Med	1.0	0.00	11	1487	-	6649	10	2	15	223	-	4.47	V
						fin	1.0	0.00	11	1237	-	21425	10	2	4	36	-	17.33	V
21	299	Piano 1	12-17	5	2.5	Ini	1.0	0.00	239	10527	-	29791	10	2	9	90	-	2.83	V
						Med	1.0	0.00	239	8792	-	15865	10	2	20	95	-	1.80	V
						fin	1.0	0.00	239	9833	-	29791	10	2	9	90	-	3.03	V
22	300	Piano 1	13-14	5	2.5	Ini	1.0	0.00	104	7109	-	29470	10	2	9	90	-	4.15	V
						Med	1.0	0.00	104	6505	-	15544	10	2	20	115	-	2.39	V
						fin	1.0	0.00	104	6714	-	29470	10	2	9	90	-	4.39	V
23	301	Piano 1	13-20	9	2.5	Ini	1.0	0.00	15	10749	-	32582	10	2	9	105	-	3.03	V
						Med	1.0	0.00	15	6562	-	16156	10	2	20	370	-	2.46	V
						fin	1.0	0.00	15	10559	-	32582	10	2	9	105	-	3.09	V
24	302	Piano 1	14-15	5	2.5	Ini	1.0	0.00	27	6446	-	28445	10	2	9	90	-	4.41	V
						Med	1.0	0.00	27	5900	-	14519	10	2	20	220	-	2.46	V
						fin	1.0	0.00	27	4608	-	28445	10	2	9	90	-	6.17	V
25	303	Piano 1	14-21	9	2.5	Ini	1.0	0.00	12	13791	-	32900	10	2	9	105	-	2.39	V
						Med	1.0	0.00	12	9032	-	16172	10	2	20	370	-	1.79	V
						fin	1.0	0.00	12	13400	-	32598	10	2	9	105	-	2.43	V
26	304	Piano 1	15-22	9	2.5	Ini	1.0	0.00	24	12450	-	32894	10	2	9	105	-	2.64	V
						Med	1.0	0.00	24	8535	-	16166	10	2	20	370	-	1.89	V
						fin	1.0	0.00	24	11917	-	32592	10	2	9	105	-	2.73	V
27	305	Piano 1	16-18	5	2.5	Ini	1.0	0.00	119	12041	-	30308	10	2	9	90	-	2.52	V
						Med	1.0	0.00	119	9474	-	16382	10	2	20	95	-	1.73	V
						fin	1.0	0.00	119	11209	-	30308	10	2	9	90	-	2.70	V
28	306	Piano 1	17-19	5	2.5	Ini	1.0	0.00	111	10776	-	29790	10	2	9	90	-	2.76	V
						Med	1.0	0.00	111	9157	-	15864	10	2	20	95	-	1.73	V
						fin	1.0	0.00	111	10877	-	29790	10	2	9	90	-	2.74	V
29	307	Piano 1	18-23	5	2.5	Ini	1.0	0.00	46	11774	-	30304	10	2	9	90	-	2.57	V
						Med	1.0	0.00	46	9207	-	16378	10	2	20	95	-	1.78	V
						fin	1.0	0.00	46	11267	-	30304	10	2	9	90	-	2.69	V
30	308	Piano 1	19-20	14	2.5	Ini	1.0	0.00	4	2001	-	21293	10	2	4	36	-	10.64	V
						Med	1.0	0.00	4	1673	-	6517	10	2	15	213	-	3.90	V
						fin	1.0	0.00	4	1659	-	21293	10	2	4	36	-	12.83	V
31	309	Piano 1	19-24	5	2.5	Ini	1.0	0.00	44	10490	-	29787	10	2	9	90	-	2.84	V
						Med	1.0	0.00	44	9234	-	15861	10	2	20	95	-	1.72	V
						fin	1.0	0.00	44	10955	-	29787	10	2	9	90	-	2.72	V
32	310	Piano 1	20-21	5	2.5	Ini	1.0	0.00	38	8975	-	29718	10	2	9	90	-	3.31	V
						Med	1.0	0.00	38	8381	-	15243	10	2	20	110	-	1.82	V
						fin	1.0	0.00	38	7787	-	29169	10	2	9	90	-	3.75	V
33	311	Piano 1	20-27	9	2.5	Ini	1.0	0.00	7	12083	-	32586	10	2	9	105	-	2.70	V
						Med	1.0	0.00	7	7902	-	16159	10	2	20	370	-	2.04	V
						fin	1.0	0.00	7	11142	-	32586	10	2	9	105	-	2.92	V
34	312	Piano 1	21-29	9	2.5	Ini	1.0	0.00	3	14224	-	33199	10	2	9	105	-	2.33	V
						Med	1.0	0.00	3	9464	-	16169	10	2	20	370	-	1.71	V
						fin	1.0	0.00	3	12915	-	32595	10	2	9	105	-	2.52	V
35	313	Piano 1	21-50	5	2.5	Ini	1.0	0.00	48	20307	-	30687	10	2	9	90	-	1.51	V
36	314	Piano 1	22-31	9	2.5	Ini	1.0	0.00	14	12324	-	32891	10	2	9	105	-	2.67	V
						Med	1.0	0.00	14	8573	-	16163	10	2	20	370	-	1.89	V
						fin	1.0	0.00	14	12488	-	32589	10	2	9	105	-	2.61	V
37	315	Piano 1	50-22	5	2.5	Ini	1.0	0.00	8	10932	-	29492	10	2	9	90	-	2.70	V
						Med	1.0	0.00	8	10431	-	15566	10	2	20	65	-	1.49	V
						fin	1.0	0.00	8	9929	-	29492	10	2	9	90	-	2.97	V
38	316	Piano 1	23-25	5	2.5	Ini	1.0	0.00	39	11640	-	30305	10	2	9	90	-	2.60	V

						Med	1.0	0.00	39	9412	-	16379	10	2	20	95	-	1.74	V
						fin	1.0	0.00	39	11571	-	30305	10	2	9	90	-	2.62	V
39	317	Piano 1	24-26	5	2.5	Ini	1.0	0.00	38	10808	-	29786	10	2	9	90	-	2.76	V
						Med	1.0	0.00	38	9088	-	15860	10	2	20	95	-	1.75	V
						fin	1.0	0.00	38	10756	-	29786	10	2	9	90	-	2.77	V
40	318	Piano 1	25-34	5	2.5	Ini	1.0	0.00	99	11268	-	30205	10	2	9	90	-	2.68	V
						Med	1.0	0.00	99	9071	-	16279	10	2	20	105	-	1.79	V
						fin	1.0	0.00	99	11312	-	30205	10	2	9	90	-	2.67	V
41	319	Piano 1	26-27	14	2.5	Ini	1.0	0.00	69	2297	-	21302	10	2	4	36	-	9.27	V
						Med	1.0	0.00	69	2125	-	6525	10	2	15	228	-	3.07	V
						fin	1.0	0.00	69	2009	-	21302	10	2	4	36	-	10.60	V
42	320	Piano 1	26-35	5	2.5	Ini	1.0	0.00	130	10418	-	29681	10	2	9	90	-	2.85	V
						Med	1.0	0.00	130	8820	-	15755	10	2	20	105	-	1.79	V
						fin	1.0	0.00	130	10603	-	29681	10	2	9	90	-	2.80	V
43	321	Piano 1	28-27	13	2.5	Ini	1.0	0.00	65	15533	-	27987	10	2	9	90	-	1.80	V
44	322	Piano 1	27-36	5	2.5	Ini	1.0	0.00	7	6884	-	28303	10	2	9	90	-	4.11	V
						Med	1.0	0.00	7	5258	-	14377	10	2	20	210	-	2.73	V
						fin	1.0	0.00	7	5629	-	28303	10	2	9	90	-	5.03	V
45	323	Piano 1	29-28	13	2.5	Ini	1.0	0.00	157	11258	-	25660	10	2	9	145	-	2.28	V
46	324	Piano 1	32-28	5	2.5	Ini	1.0	0.00	102	9556	-	29939	10	2	9	180	-	3.13	V
47	325	Piano 1	29-30	5	2.5	Ini	1.0	0.00	328	14580	-	30240	10	2	9	150	-	2.07	V
48	326	Piano 1	29-33	5	2.5	Ini	1.0	0.00	37	8425	-	29961	10	2	9	180	-	3.56	V
49	327	Piano 1	30-31	5	2.5	Ini	1.0	0.00	104	13084	-	30276	10	2	9	90	-	2.31	V
						Med	1.0	0.00	104	12483	-	15718	10	2	20	40	-	1.26	V
						fin	1.0	0.00	104	12333	-	29644	10	2	9	90	-	2.40	V
50	328	Piano 1	43-30	9	2.5	Ini	1.0	0.00	5	12208	-	32703	10	2	9	105	-	2.68	V
						Med	1.0	0.00	5	9121	-	16277	10	2	20	390	-	1.78	V
						fin	1.0	0.00	5	12992	-	32703	10	2	9	105	-	2.52	V
51	329	Piano 1	31-44	9	2.5	Ini	1.0	0.00	3	12044	-	32684	10	2	9	105	-	2.71	V
						Med	1.0	0.00	3	9065	-	15976	10	2	20	390	-	1.76	V
						fin	1.0	0.00	3	9745	-	32402	10	2	9	105	-	3.32	V
52	330	Piano 1	32-33	5	2.5	Ini	1.0	0.00	8	5167	-	29956	10	2	9	180	-	5.80	V
53	331	Piano 1	32-37	5	2.5	Ini	1.0	0.00	58	7238	-	29938	10	2	9	180	-	4.14	V
54	332	Piano 1	33-38	5	2.5	Ini	1.0	0.00	14	7093	-	29948	10	2	9	180	-	4.22	V
55	333	Piano 1	34-39	5	2.5	Ini	1.0	0.00	452	9158	-	30221	10	2	9	90	-	3.30	V
						Med	1.0	0.00	452	9841	-	16295	10	2	20	105	-	1.66	V
						fin	1.0	0.00	452	11016	-	30221	10	2	9	90	-	2.74	V
56	334	Piano 1	35-40	5	2.5	Ini	1.0	0.00	91	10023	-	29668	10	2	9	90	-	2.96	V
						Med	1.0	0.00	91	8049	-	15742	10	2	20	105	-	1.96	V
						fin	1.0	0.00	91	10002	-	29668	10	2	9	90	-	2.97	V
57	335	Piano 1	37-36	13	2.5	Ini	1.0	0.00	61	10827	-	25762	10	2	9	115	-	2.38	V
58	336	Piano 1	36-41	5	2.5	Ini	1.0	0.00	98	14745	-	30055	10	2	9	180	-	2.04	V
59	337	Piano 1	37-38	5	2.5	Ini	1.0	0.00	15	4703	-	29945	10	2	9	180	-	6.37	V
60	338	Piano 1	45-39	13	2.5	Ini	1.0	0.00	102	8689	-	24931	10	2	9	75	-	2.87	V
						Med	1.0	0.00	102	7842	-	12660	10	2	20	180	-	1.61	V
						fin	1.0	0.00	102	6782	-	23663	10	2	9	75	-	3.49	V
61	339	Piano 1	39-49	5	2.5	Ini	1.0	0.00	37	8096	-	27496	10	2	9	90	-	3.40	V
						Med	1.0	0.00	37	5155	-	13212	10	2	20	525	-	2.56	V
						fin	1.0	0.00	37	6326	-	27138	10	2	9	90	-	4.29	V
62	340	Piano 1	41-40	9	2.5	Ini	1.0	0.00	57	11205	-	37258	10	2	9	105	-	3.33	V
						Med	1.0	0.00	57	10019	-	19676	10	2	20	100	-	1.96	V
						fin	1.0	0.00	57	11394	-	34946	10	2	9	105	-	3.07	V
63	341	Piano 1	46-40	13	2.5	Ini	1.0	0.00	8	5518	-	24471	10	2	9	75	-	4.43	V
						Med	1.0	0.00	8	5757	-	12207	10	2	20	182	-	2.12	V
						fin	1.0	0.00	8	6172	-	23633	10	2	9	75	-	3.83	V
64	342	Piano 1	41-42	5	2.5	Ini	1.0	0.00	204	14626	-	31080	10	2	9	90	-	2.12	V
						Med	1.0	0.00	204	12416	-	16574	10	2	20	85	-	1.33	V
						fin	1.0	0.00	204	15000	-	29921	10	2	9	90	-	1.99	V
65	343	Piano 1	42-43	5	2.5	Ini	1.0	0.00	299	19444	-	31796	10	2	9	150	-	1.64	V
66	344	Piano 1	43-44	5	2.5	Ini	1.0	0.00	48	14411	-	30999	10	2	9	90	-	2.15	V
						Med	1.0	0.00	48	13230	-	16440	10	2	20	40	-	1.24	V
						fin	1.0	0.00	48	14419	-	30366	10	2	9	90	-	2.11	V
67	345	Piano 1	45-46	13	2.5	Ini	1.0	0.00	7	10486	-	22848	10	2	9	75	-	2.18	V
						Med	1.0	0.00	7	8611	-	11422	10	2	20	603	-	1.33	V
						fin	1.0	0.00	7	10613	-	22848	10	2	9	75	-	2.15	V
68	401	Piano 2	1-2	5	2.5	Ini	1.0	0.00	101	8716	-	28081	10	2	9	90	-	3.22	V
						Med	1.0	0.00	101	7128	-	13803	10	2	20	275	-	1.94	V
						fin	1.0	0.00	101	9339	-	27729	10	2	9	90	-	2.97	V
69	402	Piano 2	1-7	13	2.5	Ini	1.0	0.00	184	8175	-	25692	10	2	9	75	-	3.14	V
						Med	1.0	0.00	184	7188	-	13263	10	2	20	125	-	1.85	V
						fin	1.0	0.00	184	7244	-	24188	10	2	9	75	-	3.34	V
70	403	Piano 2	2-3	5	2.5	Ini	1.0	0.00	100	9992	-	29150	10	2	9	90	-	2.92	V
						Med	1.0	0.00	100	7468	-	14741	10	2	20	165	-	1.97	V
						fin	1.0	0.00	100	9654	-	28667	10	2	9	90	-	2.97	V
71	404	Piano 2	2-8	14	2.5	Ini	1.0	0.00	323	2236	-	21229	10	2	4	36	-	9.49	V
						Med	1.0	0.00	323	2139	-	6452	10	2	15	203	-	3.02	V
						fin	1.0	0.00	323	2455	-	21229	10	2	4	36	-	8.65	V
72	405	Piano 2	3-4	5	2.5	Ini	1.0	0.00	135	9009	-	29430	10	2	9	90	-	3.27	V
						Med	1.0	0.00	135	7794	-	14990	10	2	20	140	-	1.92	V
						fin	1.0	0.00	135	7996	-	28916	10	2	9	90	-	3.62	V
73	406	Piano 2	3-9	14	2.5	Ini	1.0	0.00	281	3751	-	21234	10	2	4	36	-	5.66	V
						Med	1.0	0.00	281	3128	-	6458	10	2	15	203	-	2.06	V
						fin	1.0	0.00	281	4215	-	21234	10	2	4	36	-	5.04	V
74	407	Piano 2	4-5	5	2.5	Ini	1.0	0.00	164	6987	-	29183	10	2	9	90	-	4.18	V
						Med	1.0	0.00	164	5867	-	15256	10	2	20	115	-	2.60	V
						fin	1.0	0.00	164	6673	-	29183	10	2	9	90	-	4.37	V
75	408	Piano 2	4-13	9	2.5	Ini	1.0	0.00	153	9974	-	32551	10	2	9	105	-	3.26	V
						Med	1.0	0.00	153	7806	-	16125	10	2	20	370	-	2.07	V
						fin	1.0	0.00	153	11993	-	32551	10	2	9	105	-	2.71	V
76	409	Piano 2	5-6	5	2.5	Ini	1.0	0.00	69	7759	-	28680	10	2	9	90	-	3.70	V
						Med	1.0	0.00	69	6746	-	14336	10	2	20	220	-	2.13	V
						fin	1.0	0.00	69	6877	-	28262	10	2	9	90	-	4.11	V
77	410	Piano 2	5-14	9	2.5	Ini	1.0	0.00	145	12239	-	32565	10	2	9	105	-	2.66	V
						Med	1.0	0.00	145	9574	-	16138	10	2	20	370	-	1.69	V
						fin	1.0	0.00	145	14333	-	32565	10	2	9	105	-	2.27	V

78	411	Piano 2	6-15	9	2.5	Ini	1.0	0.00	78	10788	-	32836	10	2	9	105	-	3.04	V
						Med	1.0	0.00	78	8687	-	16107	10	2	20	370	-	1.85	V
						fin	1.0	0.00	78	12504	-	32534	10	2	9	105	-	2.60	V
79	412	Piano 2	7-8	5	2.5	Ini	1.0	0.00	109	8997	-	28122	10	2	9	90	-	3.13	V
						Med	1.0	0.00	109	7816	-	14196	10	2	20	275	-	1.82	V
						fin	1.0	0.00	109	10616	-	28122	10	2	9	90	-	2.65	V
80	413	Piano 2	7-10	13	2.5	Ini	1.0	0.00	18	7826	-	24680	10	2	9	75	-	3.15	V
						Med	1.0	0.00	18	6839	-	12753	10	2	20	125	-	1.86	V
						fin	1.0	0.00	18	6459	-	24179	10	2	9	75	-	3.74	V
81	414	Piano 2	8-9	5	2.5	Ini	1.0	0.00	157	10503	-	29125	10	2	9	90	-	2.77	V
						Med	1.0	0.00	157	7367	-	14715	10	2	20	165	-	2.00	V
						fin	1.0	0.00	157	10138	-	28642	10	2	9	90	-	2.83	V
82	415	Piano 2	8-11	5	2.5	Ini	1.0	0.00	104	7667	-	29167	10	2	9	90	-	3.80	V
						Med	1.0	0.00	104	7546	-	15241	10	2	20	95	-	2.02	V
						fin	1.0	0.00	104	8109	-	29167	10	2	9	90	-	3.60	V
83	416	Piano 2	9-12	13	2.5	Ini	1.0	0.00	56	6902	-	24179	10	2	9	75	-	3.50	V
						Med	1.0	0.00	56	5787	-	12753	10	2	20	125	-	2.20	V
						fin	1.0	0.00	56	7441	-	24179	10	2	9	75	-	3.25	V
84	417	Piano 2	10-11	5	2.5	Ini	1.0	0.00	82	8293	-	27808	10	2	9	90	-	3.35	V
						Med	1.0	0.00	82	8182	-	13882	10	2	20	275	-	1.70	V
						fin	1.0	0.00	82	10990	-	27808	10	2	9	90	-	2.53	V
85	418	Piano 2	10-16	13	2.5	Ini	1.0	0.00	153	8662	-	24701	10	2	9	75	-	2.85	V
						Med	1.0	0.00	153	7675	-	12774	10	2	20	125	-	1.66	V
						fin	1.0	0.00	153	6688	-	24200	10	2	9	75	-	3.62	V
86	419	Piano 2	11-12	5	2.5	Ini	1.0	0.00	0	10691	-	29209	10	2	9	90	-	2.73	V
						Med	1.0	0.00	0	7611	-	14793	10	2	20	160	-	1.94	V
						fin	1.0	0.00	0	9505	-	28719	10	2	9	90	-	3.02	V
87	420	Piano 2	12-13	14	2.5	Ini	1.0	0.00	158	1986	-	21258	10	2	4	36	-	10.70	V
						Med	1.0	0.00	158	1799	-	6482	10	2	15	253	-	3.60	V
						fin	1.0	0.00	158	1359	-	21258	10	2	4	36	-	15.64	V
88	421	Piano 2	12-17	13	2.5	Ini	1.0	0.00	144	7801	-	24185	10	2	9	75	-	3.10	V
						Med	1.0	0.00	144	6143	-	12759	10	2	20	125	-	2.08	V
						fin	1.0	0.00	144	7310	-	24185	10	2	9	75	-	3.31	V
89	422	Piano 2	13-14	5	2.5	Ini	1.0	0.00	203	8101	-	29071	10	2	9	90	-	3.59	V
						Med	1.0	0.00	203	7830	-	15145	10	2	20	115	-	1.93	V
						fin	1.0	0.00	203	8434	-	29071	10	2	9	90	-	3.45	V
90	423	Piano 2	13-20	9	2.5	Ini	1.0	0.00	51	10564	-	32550	10	2	9	105	-	3.08	V
						Med	1.0	0.00	51	6377	-	16124	10	2	20	370	-	2.53	V
						fin	1.0	0.00	51	10446	-	32550	10	2	9	105	-	3.12	V
91	424	Piano 2	14-15	5	2.5	Ini	1.0	0.00	74	7351	-	28574	10	2	9	90	-	3.89	V
						Med	1.0	0.00	74	6805	-	14230	10	2	20	220	-	2.09	V
						fin	1.0	0.00	74	6090	-	28156	10	2	9	90	-	4.62	V
92	425	Piano 2	14-21	9	2.5	Ini	1.0	0.00	41	13275	-	32846	10	2	9	105	-	2.47	V
						Med	1.0	0.00	41	8515	-	16420	10	2	20	370	-	1.93	V
						fin	1.0	0.00	41	13091	-	32846	10	2	9	105	-	2.51	V
93	426	Piano 2	15-22	9	2.5	Ini	1.0	0.00	3	11624	-	32820	10	2	9	105	-	2.82	V
						Med	1.0	0.00	3	7807	-	16092	10	2	20	370	-	2.06	V
						fin	1.0	0.00	3	11388	-	32519	10	2	9	105	-	2.86	V
94	427	Piano 2	16-17	9	2.5	Ini	1.0	0.00	7	12590	-	32096	10	2	9	105	-	2.55	V
						Med	1.0	0.00	7	10748	-	15491	10	2	20	650	-	1.44	V
						fin	1.0	0.00	7	13368	-	31559	10	2	9	105	-	2.36	V
95	428	Piano 2	16-18	13	2.5	Ini	1.0	0.00	159	7768	-	25198	10	2	9	75	-	3.24	V
						Med	1.0	0.00	159	6781	-	13772	10	2	20	125	-	2.03	V
						fin	1.0	0.00	159	7342	-	25198	10	2	9	75	-	3.43	V
96	429	Piano 2	17-19	13	2.5	Ini	1.0	0.00	113	8374	-	24695	10	2	9	75	-	2.95	V
						Med	1.0	0.00	113	6796	-	13269	10	2	20	125	-	1.95	V
						fin	1.0	0.00	113	8439	-	24695	10	2	9	75	-	2.93	V
97	430	Piano 2	18-19	9	2.5	Ini	1.0	0.00	13	12467	-	32149	10	2	9	105	-	2.58	V
						Med	1.0	0.00	13	10943	-	15543	10	2	20	650	-	1.42	V
						fin	1.0	0.00	13	13581	-	31611	10	2	9	105	-	2.33	V
98	431	Piano 2	18-23	13	2.5	Ini	1.0	0.00	106	7633	-	25185	10	2	9	75	-	3.30	V
						Med	1.0	0.00	106	6646	-	13759	10	2	20	125	-	2.07	V
						fin	1.0	0.00	106	7531	-	25185	10	2	9	75	-	3.34	V
99	432	Piano 2	19-20	14	2.5	Ini	1.0	0.00	11	2212	-	21333	10	2	4	36	-	9.64	V
						Med	1.0	0.00	11	2045	-	6557	10	2	15	218	-	3.21	V
						fin	1.0	0.00	11	1380	-	21333	10	2	4	36	-	15.46	V
100	433	Piano 2	19-24	13	2.5	Ini	1.0	0.00	134	8075	-	24194	10	2	9	75	-	3.00	V
						Med	1.0	0.00	134	6887	-	12768	10	2	20	125	-	1.85	V
						fin	1.0	0.00	134	8530	-	24194	10	2	9	75	-	2.84	V
101	434	Piano 2	20-21	5	2.5	Ini	1.0	0.00	101	9214	-	29821	10	2	9	90	-	3.24	V
						Med	1.0	0.00	101	8610	-	15351	10	2	20	115	-	1.78	V
						fin	1.0	0.00	101	8006	-	29277	10	2	9	90	-	3.66	V
102	435	Piano 2	20-27	9	2.5	Ini	1.0	0.00	7	11300	-	32553	10	2	9	105	-	2.88	V
						Med	1.0	0.00	7	7120	-	16127	10	2	20	370	-	2.27	V
						fin	1.0	0.00	7	10493	-	32553	10	2	9	105	-	3.10	V
103	436	Piano 2	21-29	9	2.5	Ini	1.0	0.00	1	13642	-	32832	10	2	9	105	-	2.41	V
						Med	1.0	0.00	1	8881	-	16104	10	2	20	370	-	1.81	V
						fin	1.0	0.00	1	12143	-	32530	10	2	9	105	-	2.68	V
104	437	Piano 2	21-50	5	2.5	Ini	1.0	0.00	9	20962	-	30771	10	2	9	90	-	1.47	V
105	438	Piano 2	22-31	9	2.5	Ini	1.0	0.00	8	11517	-	32824	10	2	9	105	-	2.85	V
						Med	1.0	0.00	8	7701	-	16096	10	2	20	370	-	2.09	V
						fin	1.0	0.00	8	11494	-	32522	10	2	9	105	-	2.83	V
106	439	Piano 2	50-22	5	2.5	Ini	1.0	0.00	2	12625	-	30040	10	2	9	90	-	2.38	V
						Med	1.0	0.00	2	12124	-	15511	10	2	20	65	-	1.28	V
						fin	1.0	0.00	2	11622	-	29437	10	2	9	90	-	2.53	V
107	440	Piano 2	23-24	9	2.5	Ini	1.0	0.00	31	12724	-	32303	10	2	9	105	-	2.54	V
						Med	1.0	0.00	31	11132	-	15698	10	2	20	650	-	1.41	V
						fin	1.0	0.00	31	13770	-	32124	10	2	9	105	-	2.33	V
108	441	Piano 2	23-25	13	2.5	Ini	1.0	0.00	190	7354	-	25188	10	2	9	75	-	3.43	V
						Med	1.0	0.00	190	6590	-	13762	10	2	20	125	-	2.09	V
						fin	1.0	0.00	190	7576	-	25188	10	2	9	75	-	3.32	V
109	442	Piano 2	24-26	13	2.5	Ini	1.0	0.00	245	8335	-	24697	10	2	9	75	-	2.96	V
						Med	1.0	0.00	245	6692	-	13271	10	2	20	125	-	1.98	V
						fin	1.0	0.00	245	8304	-	24697	10	2	9	75	-	2.97	V
110	443	Piano 2	25-26	9	2.5	Ini	1.0	0.00	46	12931	-	29319	10	2	10	105	-	2.27	V

						Med	1.0	0.00	46	11613	-	15673	10	2	20	650	-	1.35	V
						fin	1.0	0.00	46	14278	-	29092	10	2	10	105	-	2.04	V
111	444	Piano 2	25-34	13	2.5	Ini	1.0	0.00	40	6881	-	25084	10	2	9	75	-	3.65	V
						Med	1.0	0.00	40	6678	-	13171	10	2	20	135	-	1.97	V
						fin	1.0	0.00	40	7700	-	24597	10	2	9	75	-	3.19	V
112	445	Piano 2	26-27	14	2.5	Ini	1.0	0.00	141	2426	-	21315	10	2	4	36	-	8.79	V
						Med	1.0	0.00	141	2253	-	6539	10	2	15	228	-	2.90	V
						fin	1.0	0.00	141	1758	-	21315	10	2	4	36	-	12.13	V
113	446	Piano 2	26-35	13	2.5	Ini	1.0	0.00	35	8196	-	24086	10	2	9	75	-	2.94	V
						Med	1.0	0.00	35	6551	-	12660	10	2	20	135	-	1.93	V
						fin	1.0	0.00	35	8254	-	24086	10	2	9	75	-	2.92	V
114	447	Piano 2	28-27	13	2.5	Ini	1.0	0.00	55	15428	-	26491	10	2	9	90	-	1.72	V
115	448	Piano 2	27-36	5	2.5	Ini	1.0	0.00	73	6526	-	28284	10	2	9	90	-	4.33	V
						Med	1.0	0.00	73	4901	-	14358	10	2	20	210	-	2.93	V
						fin	1.0	0.00	73	5398	-	28284	10	2	9	90	-	5.24	V
116	449	Piano 2	29-28	13	2.5	Ini	1.0	0.00	9	13909	-	26410	10	2	9	145	-	1.90	V
117	450	Piano 2	32-28	5	2.5	Ini	1.0	0.00	126	8134	-	29937	10	2	9	180	-	3.68	V
118	451	Piano 2	29-30	5	2.5	Ini	1.0	0.00	277	15743	-	30434	10	2	9	150	-	1.93	V
119	452	Piano 2	29-33	5	2.5	Ini	1.0	0.00	231	6296	-	29992	10	2	9	180	-	4.76	V
120	453	Piano 2	30-31	5	2.5	Ini	1.0	0.00	80	13285	-	30352	10	2	9	90	-	2.28	V
						Med	1.0	0.00	80	12684	-	15793	10	2	20	40	-	1.25	V
						fin	1.0	0.00	80	12534	-	29719	10	2	9	90	-	2.37	V
121	454	Piano 2	30-43	9	2.5	Ini	1.0	0.00	86	11838	-	32362	10	2	9	105	-	2.73	V
						Med	1.0	0.00	86	7967	-	15935	10	2	20	390	-	2.00	V
						fin	1.0	0.00	86	11152	-	32362	10	2	9	105	-	2.90	V
122	455	Piano 2	31-44	9	2.5	Ini	1.0	0.00	67	10574	-	32622	10	2	9	105	-	3.09	V
						Med	1.0	0.00	67	7697	-	15915	10	2	20	390	-	2.07	V
						fin	1.0	0.00	67	8774	-	32341	10	2	9	105	-	3.69	V
123	456	Piano 2	32-33	5	2.5	Ini	1.0	0.00	260	5563	-	29954	10	2	9	180	-	5.38	V
124	457	Piano 2	32-37	5	2.5	Ini	1.0	0.00	209	6284	-	29997	10	2	9	180	-	4.77	V
125	458	Piano 2	33-38	5	2.5	Ini	1.0	0.00	112	5965	-	29955	10	2	9	180	-	5.02	V
126	459	Piano 2	34-35	9	2.5	Ini	1.0	0.00	77	13551	-	29497	10	2	10	105	-	2.18	V
						Med	1.0	0.00	77	11957	-	15851	10	2	20	650	-	1.33	V
						fin	1.0	0.00	77	14648	-	29270	10	2	10	105	-	2.00	V
127	460	Piano 2	34-39	13	2.5	Ini	1.0	0.00	275	6179	-	24626	10	2	9	75	-	3.99	V
						Med	1.0	0.00	275	6871	-	12713	10	2	20	135	-	1.85	V
						fin	1.0	0.00	275	7894	-	24138	10	2	9	75	-	3.06	V
128	461	Piano 2	35-40	13	2.5	Ini	1.0	0.00	270	6826	-	24097	10	2	9	75	-	3.53	V
						Med	1.0	0.00	270	5507	-	12672	10	2	20	135	-	2.30	V
						fin	1.0	0.00	270	7343	-	24097	10	2	9	75	-	3.28	V
129	462	Piano 2	37-36	13	2.5	Ini	1.0	0.00	377	10667	-	25804	10	2	9	115	-	2.42	V
130	463	Piano 2	36-41	5	2.5	Ini	1.0	0.00	322	10694	-	29938	10	2	9	180	-	2.80	V
131	464	Piano 2	37-38	5	2.5	Ini	1.0	0.00	91	5269	-	29956	10	2	9	180	-	5.69	V
132	465	Piano 2	45-39	13	2.5	Ini	1.0	0.00	110	5751	-	23719	10	2	9	75	-	4.12	V
						Med	1.0	0.00	110	5361	-	12293	10	2	20	180	-	2.29	V
						fin	1.0	0.00	110	4386	-	23719	10	2	9	75	-	5.41	V
133	466	Piano 2	39-49	9	2.5	Ini	1.0	0.00	54	12955	-	31844	10	2	9	105	-	2.46	V
						Med	1.0	0.00	54	8227	-	15059	10	2	20	495	-	1.83	V
						fin	1.0	0.00	54	10026	-	31486	10	2	9	105	-	3.14	V
134	467	Piano 2	40-41	9	2.5	Ini	1.0	0.00	115	11171	-	34956	10	2	9	105	-	3.13	V
						Med	1.0	0.00	115	9869	-	18530	10	2	20	100	-	1.88	V
						fin	1.0	0.00	115	10433	-	34956	10	2	9	105	-	3.35	V
135	468	Piano 2	46-40	5	2.5	Ini	1.0	0.00	65	4144	-	28711	10	2	9	90	-	6.93	V
						Med	1.0	0.00	65	4313	-	14785	10	2	20	152	-	3.43	V
						fin	1.0	0.00	65	5035	-	28711	10	2	9	90	-	5.70	V
136	469	Piano 2	41-42	5	2.5	Ini	1.0	0.00	64	14122	-	30917	10	2	9	90	-	2.19	V
						Med	1.0	0.00	64	11951	-	15856	10	2	20	95	-	1.33	V
						fin	1.0	0.00	64	14441	-	29782	10	2	9	90	-	2.06	V
137	470	Piano 2	42-43	5	2.5	Ini	1.0	0.00	34	20842	-	31706	10	2	9	150	-	1.52	V
138	471	Piano 2	43-44	5	2.5	Ini	1.0	0.00	145	14795	-	30924	10	2	9	90	-	2.09	V
						Med	1.0	0.00	145	14747	-	16366	10	2	20	40	-	1.11	V
						fin	1.0	0.00	145	15861	-	30292	10	2	9	90	-	1.91	V
139	472	Piano 2	45-46	5	2.5	Ini	1.0	0.00	13	9171	-	27094	10	2	9	90	-	2.95	V
						Med	1.0	0.00	13	7765	-	13168	10	2	20	573	-	1.70	V
						fin	1.0	0.00	13	9335	-	27094	10	2	9	90	-	2.90	V
140	519	Piano 3	1-2	5	2.5	Ini	1.0	0.00	132	6355	-	27814	10	2	9	90	-	4.38	V
						Med	1.0	0.00	132	5173	-	13888	10	2	20	275	-	2.68	V
						fin	1.0	0.00	132	6854	-	27814	10	2	9	90	-	4.06	V
141	520	Piano 3	1-7	13	2.5	Ini	1.0	0.00	202	3464	-	24217	10	2	9	75	-	6.99	V
						Med	1.0	0.00	202	2978	-	12792	10	2	20	125	-	4.30	V
						fin	1.0	0.00	202	2560	-	24217	10	2	9	75	-	9.46	V
142	521	Piano 3	2-3	5	2.5	Ini	1.0	0.00	92	6490	-	28641	10	2	9	90	-	4.41	V
						Med	1.0	0.00	92	4569	-	14715	10	2	20	165	-	3.22	V
						fin	1.0	0.00	92	6041	-	28641	10	2	9	90	-	4.74	V
143	522	Piano 3	2-8	14	2.5	Ini	1.0	0.00	356	1415	-	21236	10	2	4	36	-	15.01	V
						Med	1.0	0.00	356	1213	-	6460	10	2	15	203	-	5.33	V
						fin	1.0	0.00	356	1529	-	21236	10	2	4	36	-	13.89	V
144	523	Piano 3	3-4	5	2.5	Ini	1.0	0.00	146	5713	-	28813	10	2	9	90	-	5.04	V
						Med	1.0	0.00	146	5058	-	14887	10	2	20	140	-	2.94	V
						fin	1.0	0.00	146	4584	-	28813	10	2	9	90	-	6.29	V
145	524	Piano 3	3-9	14	2.5	Ini	1.0	0.00	290	2683	-	21245	10	2	4	36	-	7.92	V
						Med	1.0	0.00	290	2218	-	6469	10	2	15	203	-	2.92	V
						fin	1.0	0.00	290	3306	-	21245	10	2	4	36	-	6.43	V
146	525	Piano 3	4-5	5	2.5	Ini	1.0	0.00	226	3565	-	29031	10	2	9	90	-	8.14	V
						Med	1.0	0.00	226	3060	-	15105	10	2	20	115	-	4.94	V
						fin	1.0	0.00	226	3664	-	29031	10	2	9	90	-	7.92	V
147	526	Piano 3	4-13	9	2.5	Ini	1.0	0.00	192	8017	-	32609	10	2	9	105	-	4.07	V
						Med	1.0	0.00	192	6416	-	16183	10	2	20	370	-	2.52	V
						fin	1.0	0.00	192	10603	-	32005	10	2	9	105	-	3.02	V
148	527	Piano 3	5-6	5	2.5	Ini	1.0	0.00	84	4731	-	28207	10	2	9	90	-	5.96	V
						Med	1.0	0.00	84	4185	-	14281	10	2	20	220	-	3.41	V
						fin	1.0	0.00	84	4172	-	28207	10	2	9	90	-	6.76	V
149	528	Piano 3	5-14	9	2.5	Ini	1.0	0.00	178	9549	-	32682	10	2	9	105	-	3.42	V
						Med	1.0	0.00	178	7658	-	16255	10	2	20	370	-	2.12	V
						fin	1.0	0.00	178	12418	-	32078	10	2	9	105	-	2.58	V

150	529	Piano 3	6-15	9	2.5	Ini	1.0	0.00	91	7474	-	32634	10	2	9	105	-	4.37	V
						Med	1.0	0.00	91	6217	-	16207	10	2	20	370	-	2.61	V
						fin	1.0	0.00	91	9385	-	32634	10	2	9	105	-	3.48	V
151	530	Piano 3	7-8	5	2.5	Ini	1.0	0.00	163	7556	-	27865	10	2	9	90	-	3.69	V
						Med	1.0	0.00	163	6344	-	13939	10	2	20	275	-	2.20	V
						fin	1.0	0.00	163	9092	-	27865	10	2	9	90	-	3.06	V
152	531	Piano 3	7-10	13	2.5	Ini	1.0	0.00	120	3309	-	24282	10	2	9	75	-	7.34	V
						Med	1.0	0.00	120	2823	-	12857	10	2	20	125	-	4.55	V
						fin	1.0	0.00	120	2642	-	24282	10	2	9	75	-	9.19	V
153	532	Piano 3	8-9	5	2.5	Ini	1.0	0.00	178	8555	-	28689	10	2	9	90	-	3.35	V
						Med	1.0	0.00	178	5419	-	14763	10	2	20	165	-	2.72	V
						fin	1.0	0.00	178	7302	-	28689	10	2	9	90	-	3.93	V
154	533	Piano 3	8-11	5	2.5	Ini	1.0	0.00	219	3043	-	29198	10	2	9	90	-	9.60	V
						Med	1.0	0.00	219	2782	-	15272	10	2	20	95	-	5.49	V
						fin	1.0	0.00	219	3345	-	29198	10	2	9	90	-	8.73	V
155	534	Piano 3	9-12	13	2.5	Ini	1.0	0.00	97	3812	-	24217	10	2	9	75	-	6.35	V
						Med	1.0	0.00	97	2432	-	12791	10	2	20	125	-	5.26	V
						fin	1.0	0.00	97	4086	-	24217	10	2	9	75	-	5.93	V
156	535	Piano 3	10-11	5	2.5	Ini	1.0	0.00	126	6962	-	27818	10	2	9	90	-	4.00	V
						Med	1.0	0.00	126	6681	-	13892	10	2	20	275	-	2.08	V
						fin	1.0	0.00	126	9437	-	27818	10	2	9	90	-	2.95	V
157	536	Piano 3	10-16	13	2.5	Ini	1.0	0.00	180	3596	-	24315	10	2	9	75	-	6.76	V
						Med	1.0	0.00	180	3110	-	12889	10	2	20	125	-	4.14	V
						fin	1.0	0.00	180	2629	-	24315	10	2	9	75	-	9.25	V
158	537	Piano 3	11-12	5	2.5	Ini	1.0	0.00	38	8672	-	28651	10	2	9	90	-	3.30	V
						Med	1.0	0.00	38	5592	-	14725	10	2	20	160	-	2.63	V
						fin	1.0	0.00	38	6925	-	28651	10	2	9	90	-	4.14	V
159	538	Piano 3	12-13	14	2.5	Ini	1.0	0.00	259	1809	-	21251	10	2	4	36	-	11.75	V
						Med	1.0	0.00	259	1622	-	6475	10	2	15	253	-	3.99	V
						fin	1.0	0.00	259	1089	-	21251	10	2	4	36	-	19.52	V
160	539	Piano 3	12-17	13	2.5	Ini	1.0	0.00	367	4611	-	24185	10	2	9	75	-	5.25	V
						Med	1.0	0.00	367	2953	-	12759	10	2	20	125	-	4.32	V
						fin	1.0	0.00	367	4190	-	24185	10	2	9	75	-	5.77	V
161	540	Piano 3	13-14	5	2.5	Ini	1.0	0.00	291	5018	-	29064	10	2	9	90	-	5.79	V
						Med	1.0	0.00	291	5260	-	15138	10	2	20	115	-	2.88	V
						fin	1.0	0.00	291	5864	-	29064	10	2	9	90	-	4.96	V
162	541	Piano 3	13-20	9	2.5	Ini	1.0	0.00	106	9696	-	32586	10	2	9	105	-	3.36	V
						Med	1.0	0.00	106	5509	-	16159	10	2	20	370	-	2.93	V
						fin	1.0	0.00	106	9166	-	32586	10	2	9	105	-	3.56	V
163	542	Piano 3	14-15	5	2.5	Ini	1.0	0.00	104	5649	-	28162	10	2	9	90	-	4.99	V
						Med	1.0	0.00	104	5103	-	14236	10	2	20	220	-	2.79	V
						fin	1.0	0.00	104	4674	-	28162	10	2	9	90	-	6.03	V
164	543	Piano 3	14-21	9	2.5	Ini	1.0	0.00	92	11556	-	32967	10	2	9	105	-	2.85	V
						Med	1.0	0.00	92	6797	-	16239	10	2	20	370	-	2.39	V
						fin	1.0	0.00	92	10772	-	32666	10	2	9	105	-	3.03	V
165	544	Piano 3	15-22	9	2.5	Ini	1.0	0.00	37	8153	-	32614	10	2	9	105	-	4.00	V
						Med	1.0	0.00	37	4985	-	16187	10	2	20	370	-	3.25	V
						fin	1.0	0.00	37	7842	-	32614	10	2	9	105	-	4.16	V
166	545	Piano 3	16-17	9	2.5	Ini	1.0	0.00	10	12247	-	32079	10	2	9	105	-	2.62	V
						Med	1.0	0.00	10	10191	-	15474	10	2	20	650	-	1.52	V
						fin	1.0	0.00	10	12811	-	31542	10	2	9	105	-	2.46	V
167	546	Piano 3	16-18	13	2.5	Ini	1.0	0.00	213	3150	-	24363	10	2	9	75	-	7.73	V
						Med	1.0	0.00	213	2664	-	12937	10	2	20	125	-	4.86	V
						fin	1.0	0.00	213	2983	-	24363	10	2	9	75	-	8.17	V
168	547	Piano 3	17-19	13	2.5	Ini	1.0	0.00	254	4539	-	24196	10	2	9	75	-	5.33	V
						Med	1.0	0.00	254	2931	-	12770	10	2	20	125	-	4.36	V
						fin	1.0	0.00	254	4574	-	24196	10	2	9	75	-	5.29	V
169	548	Piano 3	18-19	9	2.5	Ini	1.0	0.00	13	12159	-	32037	10	2	9	105	-	2.63	V
						Med	1.0	0.00	13	10357	-	15432	10	2	20	650	-	1.49	V
						fin	1.0	0.00	13	12995	-	31500	10	2	9	105	-	2.42	V
170	549	Piano 3	18-23	13	2.5	Ini	1.0	0.00	202	3082	-	24375	10	2	9	75	-	7.91	V
						Med	1.0	0.00	202	2611	-	12949	10	2	20	125	-	4.96	V
						fin	1.0	0.00	202	3096	-	24375	10	2	9	75	-	7.87	V
171	550	Piano 3	19-20	14	2.5	Ini	1.0	0.00	16	2342	-	21312	10	2	4	36	-	9.10	V
						Med	1.0	0.00	16	2175	-	6536	10	2	15	218	-	3.00	V
						fin	1.0	0.00	16	1387	-	21312	10	2	4	36	-	15.36	V
172	551	Piano 3	19-24	13	2.5	Ini	1.0	0.00	262	4373	-	24181	10	2	9	75	-	5.53	V
						Med	1.0	0.00	262	3115	-	12755	10	2	20	125	-	4.09	V
						fin	1.0	0.00	262	4758	-	24181	10	2	9	75	-	5.08	V
173	552	Piano 3	20-21	5	2.5	Ini	1.0	0.00	163	7793	-	29050	10	2	9	90	-	3.73	V
						Med	1.0	0.00	163	7189	-	15124	10	2	20	115	-	2.10	V
						fin	1.0	0.00	163	7357	-	29050	10	2	9	90	-	3.95	V
174	553	Piano 3	20-27	9	2.5	Ini	1.0	0.00	21	10197	-	32521	10	2	9	105	-	3.19	V
						Med	1.0	0.00	21	6017	-	16095	10	2	20	370	-	2.67	V
						fin	1.0	0.00	21	9547	-	32521	10	2	9	105	-	3.41	V
175	554	Piano 3	21-29	9	2.5	Ini	1.0	0.00	4	12441	-	32841	10	2	9	105	-	2.64	V
						Med	1.0	0.00	4	7680	-	16113	10	2	20	370	-	2.10	V
						fin	1.0	0.00	4	10574	-	32540	10	2	9	105	-	3.08	V
176	555	Piano 3	21-50	5	2.5	Ini	1.0	0.00	29	13988	-	31561	10	2	9	90	-	2.26	V
177	556	Piano 3	22-31	9	2.5	Ini	1.0	0.00	39	7996	-	32618	10	2	9	105	-	4.08	V
						Med	1.0	0.00	39	4901	-	16191	10	2	20	370	-	3.30	V
						fin	1.0	0.00	39	8069	-	32618	10	2	9	105	-	4.04	V
178	557	Piano 3	50-22	5	2.5	Ini	1.0	0.00	2	9939	-	29683	10	2	9	90	-	2.99	V
						Med	1.0	0.00	2	9437	-	15757	10	2	20	65	-	1.67	V
						fin	1.0	0.00	2	8936	-	29683	10	2	9	90	-	3.32	V
179	558	Piano 3	23-24	9	2.5	Ini	1.0	0.00	43	12405	-	32092	10	2	9	105	-	2.59	V
						Med	1.0	0.00	43	10532	-	15487	10	2	20	650	-	1.47	V
						fin	1.0	0.00	43	13170	-	31555	10	2	9	105	-	2.40	V
180	559	Piano 3	23-25	13	2.5	Ini	1.0	0.00	360	2925	-	24369	10	2	9	75	-	8.33	V
						Med	1.0	0.00	360	2634	-	12943	10	2	20	125	-	4.91	V
						fin	1.0	0.00	360	3119	-	24369	10	2	9	75	-	7.81	V
181	560	Piano 3	24-26	13	2.5	Ini	1.0	0.00	457	4660	-	24185	10	2	9	75	-	5.19	V
						Med	1.0	0.00	457	3018	-	12759	10	2	20	125	-	4.23	V
						fin	1.0	0.00	457	4522	-	24185	10	2	9	75	-	5.35	V
182	561	Piano 3	25-26	9	2.5	Ini	1.0	0.00	59	12595	-	32027	10	2	9	105	-	2.54	V

						Med	1.0	0.00	59	10960	-	15422	10	2	20	650	-	1.41	V
						fin	1.0	0.00	59	13625	-	31490	10	2	9	105	-	2.31	V
183	562	Piano 3	25-34	13	2.5	Ini	1.0	0.00	110	2704	-	24240	10	2	9	75	-	8.97	V
						Med	1.0	0.00	110	2556	-	12814	10	2	20	135	-	5.01	V
						fin	1.0	0.00	110	3059	-	24240	10	2	9	75	-	7.92	V
184	563	Piano 3	26-27	14	2.5	Ini	1.0	0.00	195	2314	-	21340	10	2	4	36	-	9.22	V
						Med	1.0	0.00	195	2142	-	6564	10	2	15	228	-	3.06	V
						fin	1.0	0.00	195	1486	-	21340	10	2	4	36	-	14.36	V
185	564	Piano 3	26-35	13	2.5	Ini	1.0	0.00	94	4394	-	24079	10	2	9	75	-	5.48	V
						Med	1.0	0.00	94	2865	-	12653	10	2	20	135	-	4.42	V
						fin	1.0	0.00	94	4567	-	24079	10	2	9	75	-	5.27	V
186	565	Piano 3	28-27	13	2.5	Ini	1.0	0.00	181	10845	-	26716	10	2	9	90	-	2.46	V
187	566	Piano 3	27-36	5	2.5	Ini	1.0	0.00	121	7641	-	28289	10	2	9	90	-	3.70	V
						Med	1.0	0.00	121	4835	-	14363	10	2	20	210	-	2.97	V
						fin	1.0	0.00	121	6565	-	28289	10	2	9	90	-	4.31	V
188	567	Piano 3	29-28	13	2.5	Ini	1.0	0.00	106	12669	-	25783	10	2	9	145	-	2.04	V
189	568	Piano 3	32-28	5	2.5	Ini	1.0	0.00	294	4703	-	29971	10	2	9	180	-	6.37	V
190	569	Piano 3	29-30	5	2.5	Ini	1.0	0.00	200	10779	-	30560	10	2	9	150	-	2.84	V
191	570	Piano 3	29-33	5	2.5	Ini	1.0	0.00	358	4242	-	30079	10	2	9	180	-	7.09	V
192	571	Piano 3	30-31	5	2.5	Ini	1.0	0.00	304	9363	-	29669	10	2	9	90	-	3.17	V
						Med	1.0	0.00	304	8763	-	15743	10	2	20	40	-	1.80	V
						fin	1.0	0.00	304	8612	-	29669	10	2	9	90	-	3.44	V
193	572	Piano 3	43-30	9	2.5	Ini	1.0	0.00	156	9375	-	32345	10	2	9	105	-	3.45	V
						Med	1.0	0.00	156	6173	-	15919	10	2	20	390	-	2.58	V
						fin	1.0	0.00	156	10044	-	31783	10	2	9	105	-	3.16	V
194	573	Piano 3	31-44	9	2.5	Ini	1.0	0.00	131	7096	-	32426	10	2	9	105	-	4.57	V
						Med	1.0	0.00	131	4890	-	15999	10	2	20	390	-	3.27	V
						fin	1.0	0.00	131	5358	-	32426	10	2	9	105	-	6.05	V
195	574	Piano 3	32-33	5	2.5	Ini	1.0	0.00	472	4000	-	29953	10	2	9	180	-	7.49	V
196	575	Piano 3	32-37	5	2.5	Ini	1.0	0.00	343	3933	-	30017	10	2	9	180	-	7.63	V
197	576	Piano 3	33-38	5	2.5	Ini	1.0	0.00	189	4088	-	29992	10	2	9	180	-	7.34	V
198	577	Piano 3	34-35	9	2.5	Ini	1.0	0.00	95	13163	-	32447	10	2	9	105	-	2.47	V
						Med	1.0	0.00	95	11270	-	16021	10	2	20	650	-	1.42	V
						fin	1.0	0.00	95	13961	-	32447	10	2	9	105	-	2.32	V
199	578	Piano 3	34-39	13	2.5	Ini	1.0	0.00	393	3352	-	24175	10	2	9	75	-	7.21	V
						Med	1.0	0.00	393	3856	-	12749	10	2	20	135	-	3.31	V
						fin	1.0	0.00	393	4359	-	24175	10	2	9	75	-	5.55	V
200	579	Piano 3	35-40	13	2.5	Ini	1.0	0.00	530	4732	-	24100	10	2	9	75	-	5.09	V
						Med	1.0	0.00	530	2872	-	12674	10	2	20	135	-	4.41	V
						fin	1.0	0.00	530	4481	-	24100	10	2	9	75	-	5.38	V
201	580	Piano 3	37-36	13	2.5	Ini	1.0	0.00	686	7758	-	25851	10	2	9	115	-	3.33	V
202	581	Piano 3	36-41	5	2.5	Ini	1.0	0.00	557	6531	-	29938	10	2	9	180	-	4.58	V
203	582	Piano 3	37-38	5	2.5	Ini	1.0	0.00	160	4226	-	29961	10	2	9	180	-	7.09	V
204	583	Piano 3	39-49	9	2.5	Ini	1.0	0.00	78	8052	-	31701	10	2	9	105	-	3.94	V
						Med	1.0	0.00	78	5255	-	15275	10	2	20	495	-	2.91	V
						fin	1.0	0.00	78	6676	-	31701	10	2	9	105	-	4.75	V
205	584	Piano 3	40-41	9	2.5	Ini	1.0	0.00	350	7171	-	35282	10	2	9	105	-	4.92	V
						Med	1.0	0.00	350	6413	-	18856	10	2	20	100	-	2.94	V
						fin	1.0	0.00	350	6844	-	35282	10	2	9	105	-	5.16	V
206	585	Piano 3	41-42	5	2.5	Ini	1.0	0.00	92	11564	-	29959	10	2	9	90	-	2.59	V
						Med	1.0	0.00	92	9494	-	15465	10	2	20	95	-	1.63	V
						fin	1.0	0.00	92	11921	-	29391	10	2	9	90	-	2.47	V
207	586	Piano 3	42-43	5	2.5	Ini	1.0	0.00	284	14370	-	30532	10	2	9	150	-	2.12	V
208	587	Piano 3	43-44	5	2.5	Ini	1.0	0.00	249	10646	-	29766	10	2	9	90	-	2.80	V
						Med	1.0	0.00	249	10796	-	15840	10	2	20	40	-	1.47	V
						fin	1.0	0.00	249	11397	-	29766	10	2	9	90	-	2.61	V
209	632	Piano 4	20-21	13	2.5	Ini	1.0	0.00	17	6517	-	24283	10	2	9	75	-	3.73	V
						Med	1.0	0.00	17	7385	-	12413	10	2	20	165	-	1.68	V
						fin	1.0	0.00	17	7732	-	23839	10	2	9	75	-	3.08	V
210	633	Piano 4	47-20	10	2.5	Ini	1.0	0.00	4	1489	-	20020	10	2	8	60	-	13.45	V
						Med	1.0	0.00	4	2152	-	9066	10	2	20	145	-	4.21	V
						fin	1.0	0.00	4	2418	-	20020	10	2	8	60	-	8.28	V
211	634	Piano 4	48-21	10	2.5	Ini	1.0	0.00	1	2533	-	21880	10	2	8	60	-	8.64	V
						Med	1.0	0.00	1	6415	-	10926	10	2	20	145	-	1.70	V
						fin	1.0	0.00	1	7667	-	21880	10	2	8	60	-	2.85	V
212	635	Piano 4	27-29	5	2.5	Ini	1.0	0.00	78	5321	-	29173	10	2	9	90	-	5.48	V
						Med	1.0	0.00	78	5353	-	15247	10	2	20	95	-	2.85	V
						fin	1.0	0.00	78	5885	-	29173	10	2	9	90	-	4.96	V
213	636	Piano 4	27-41	5	2.5	Ini	1.0	0.00	100	4861	-	26578	10	2	9	90	-	5.47	V
						Med	1.0	0.00	100	2991	-	12652	10	2	20	420	-	4.23	V
						fin	1.0	0.00	100	4126	-	26578	10	2	9	90	-	6.44	V
214	637	Piano 4	27-47	10	2.5	Ini	1.0	0.00	89	5121	-	20429	10	2	8	60	-	3.99	V
						Med	1.0	0.00	89	4202	-	9055	10	2	20	145	-	2.15	V
						fin	1.0	0.00	89	1962	-	20009	10	2	8	60	-	10.20	V
215	638	Piano 4	29-30	5	2.5	Ini	1.0	0.00	114	10663	-	30421	10	2	9	150	-	2.85	V
216	639	Piano 4	29-33	5	2.5	Ini	1.0	0.00	239	5903	-	29489	10	2	9	180	-	5.00	V
217	640	Piano 4	29-48	10	2.5	Ini	1.0	0.00	102	10241	-	23248	10	2	8	60	-	2.27	V
						Med	1.0	0.00	102	8334	-	14382	10	2	14	145	-	1.73	V
						fin	1.0	0.00	102	2795	-	21121	10	2	8	60	-	7.56	V
218	641	Piano 4	30-43	5	2.5	Ini	1.0	0.00	84	4238	-	26622	10	2	9	90	-	6.28	V
						Med	1.0	0.00	84	2681	-	12696	10	2	20	420	-	4.73	V
						fin	1.0	0.00	84	3897	-	26622	10	2	9	90	-	6.83	V
219	642	Piano 4	32-33	5	2.5	Ini	1.0	0.00	120	2096	-	29969	10	2	9	180	-	14.30	V
220	643	Piano 4	32-37	5	2.5	Ini	1.0	0.00	149	2712	-	29941	10	2	9	180	-	11.04	V
221	644	Piano 4	33-38	5	2.5	Ini	1.0	0.00	38	2989	-	30114	10	2	9	180	-	10.07	V
222	645	Piano 4	37-38	5	2.5	Ini	1.0	0.00	157	2557	-	29996	10	2	9	180	-	11.73	V
223	646	Piano 4	38-42	5	2.5	Ini	1.0	0.00	375	5507	-	30114	10	2	9	180	-	5.47	V
224	647	Piano 4	41-42	5	2.5	Ini	1.0	0.00	175	7129	-	29237	10	2	9	90	-	4.10	V
						Med	1.0	0.00	175	6597	-	15311	10	2	20	95	-	2.32	V
						fin	1.0	0.00	175	6771	-	29237	10	2	9	90	-	4.32	V
225	648	Piano 4	42-43	5	2.5	Ini	1.0	0.00	150	6522	-	30236	10	2	9	150	-	4.64	V
226	649	Piano 4	47-48	8	2.5	Ini	1.0	0.00	61	357	-	18162	10	2	4	32	-	50.85	V
						Med	1.0	0.00	61	1596	-	6336	10	2	13	287	-	3.97	V
						fin	1.0	0.00	61	1773	-	18162	10	2	4	32	-	10.25	V

4.3.2.1.4 Verifiche SLD - Flessione Composta.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta

Azioni Sollecitanti:
N_{Sd} : Sforzo Normale Sollecitante;
M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
Azioni Resistenti:
N_{Rd} : Sforzo Normale Resistente;
M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Vedi tabella 18.I

						Azioni Sollecitanti			Azioni Resistenti				
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**X [cm]**	**N_{sd} [daN]**	**M_{sdxz} [daNm]**	**M_{sdxy} [daNm]**	**N_{rd} [daN]**	**M_{rdxz} [daNm]**	**M_{rdxy} [daNm]**	**S**	**Esito**
1	272	1	1-2	5	0	0	-9193	-	0	-14519	-	1.58	V
					57	0	6900	-	0	14519	-	2.10	V
					530	0	-10446	-	0	-14519	-	1.39	V
2	273	1	1-7	5	0	0	-18371	-	0	-28455	-	1.55	V
					34	0	12336	-	-2	19175	-	1.55	V
					305	0	-12086	-	0	-19176	-	1.59	V
3	274	1	2-3	5	0	0	-10516	-	0	-14519	-	1.38	V
					43	0	-7084	-	0	-14519	-	2.05	V
					405	0	-9132	-	0	-14519	-	1.59	V
4	275	1	2-8	14	0	0	3757	-	-1	6500	-	1.73	V
					34	0	3105	-	2	5070	-	1.63	V
					305	0	-2982	-	2	-5070	-	1.70	V
5	276	1	3-4	5	0	0	-10607	-	0	-14519	-	1.37	V
					280	0	7754	-	0	14519	-	1.87	V
					375	0	9678	-	0	14519	-	1.50	V
6	277	1	3-9	14	0	0	3327	-	-4	5077	-	1.53	V
					34	0	3107	-	2	5070	-	1.63	V
					305	0	-3670	-	2	-5070	-	1.38	V
7	278	1	4-5	5	0	0	799	-	0	14519	-	18.17	V
					74	0	-1447	-	0	-14519	-	10.04	V
					365	0	4584	-	0	14519	-	3.17	V
8	282	1	4-13	9	0	0	-19978	-	0	-28342	-	1.42	V
					73	0	15198	-	1	22795	-	1.50	V
					610	0	-18324	-	0	-28342	-	1.55	V
9	283	1	5-6	5	0	0	3936	-	0	14519	-	3.69	V
					50	0	-1520	-	0	-14519	-	9.55	V
					490	0	4647	-	0	14519	-	3.12	V
10	288	1	5-14	9	0	0	19158	-	1	28633	-	1.49	V
					218	0	15617	-	-1	21624	-	1.38	V
					610	0	-24793	-	0	-35576	-	1.43	V
11	289	1	6-15	9	0	0	-26271	-	0	-35611	-	1.36	V
					73	0	19268	-	0	28630	-	1.49	V
					610	0	-23765	-	0	-35576	-	1.50	V
12	290	1	7-8	5	0	0	-8046	-	0	-14519	-	1.80	V
					57	0	6831	-	0	14519	-	2.13	V
					530	0	-11309	-	-1	-19175	-	1.70	V
13	291	1	7-10	5	0	0	-12980	-	-1	-19175	-	1.48	V
					241	0	9438	-	-1	14518	-	1.54	V
					305	0	11606	-	0	19176	-	1.65	V
14	292	1	8-9	5	0	0	-10787	-	0	-14519	-	1.35	V
					302	0	7142	-	0	14519	-	2.03	V
					405	0	-9388	-	0	-14519	-	1.55	V
15	293	1	8-11	5	0	0	12497	-	0	19176	-	1.53	V
					241	0	10504	-	0	19176	-	1.83	V
					305	0	13296	-	0	19176	-	1.44	V
16	294	1	9-12	5	0	0	10391	-	-1	14518	-	1.40	V
					34	0	8438	-	-1	14518	-	1.72	V
					305	0	-10794	-	-1	-19175	-	1.78	V
17	295	1	10-11	5	0	0	8360	-	0	14519	-	1.74	V
					57	0	7749	-	0	14519	-	1.87	V
					530	0	-11076	-	0	-14519	-	1.31	V
18	296	1	10-16	5	0	0	-15599	-	0	-23805	-	1.53	V
					241	0	9782	-	-1	14518	-	1.48	V

					305	0	12361	-	0	19176	-	1.55	V
19	297	1	11-12	5	0	0	-11040	-	0	-14519	-	1.32	V
					298	0	7597	-	0	14519	-	1.91	V
					415	0	9279	-	0	14519	-	1.56	V
20	298	1	12-13	14	0	0	-1728	-	2	-5070	-	2.93	V
					37	0	-1131	-	2	-5070	-	4.48	V
					365	0	1114	-	2	5070	-	4.55	V
21	299	1	12-17	5	0	0	-11409	-	-1	-19175	-	1.68	V
					241	0	7972	-	-1	14518	-	1.82	V
					305	0	9946	-	-1	14518	-	1.46	V
22	300	1	13-14	5	0	0	-8468	-	0	-14519	-	1.71	V
					258	0	7178	-	0	14519	-	2.02	V
					365	0	9116	-	0	14519	-	1.59	V
23	301	1	13-20	9	0	0	-14212	-	1	-22795	-	1.60	V
					508	0	-7946	-	1	-22795	-	2.87	V
					610	0	-14762	-	1	-22795	-	1.54	V
24	302	1	14-15	5	0	0	-10342	-	0	-14519	-	1.40	V
					350	0	7889	-	0	14519	-	1.84	V
					490	0	9947	-	0	14519	-	1.46	V
25	303	1	14-21	9	0	0	-20061	-	0	-28342	-	1.41	V
					508	0	-12311	-	1	-22795	-	1.85	V
					610	0	-21046	-	0	-28342	-	1.35	V
26	304	1	15-22	9	0	0	-19950	-	0	-28342	-	1.42	V
					508	0	-12488	-	1	-22795	-	1.83	V
					610	0	-20447	-	0	-28342	-	1.39	V
27	305	1	16-18	5	0	0	-13410	-	0	-19176	-	1.43	V
					241	0	9333	-	0	19176	-	2.05	V
					305	0	-12703	-	0	-19176	-	1.51	V
28	306	1	17-19	5	0	0	10369	-	-1	14518	-	1.40	V
					34	0	8289	-	-1	14518	-	1.75	V
					305	0	10062	-	-1	14518	-	1.44	V
29	307	1	18-23	5	0	0	-13180	-	0	-19176	-	1.45	V
					34	0	-9175	-	0	-19176	-	2.09	V
					305	0	-12961	-	0	-19176	-	1.48	V
30	308	1	19-20	14	0	0	-2177	-	2	-5070	-	2.33	V
					36	0	-1515	-	2	-5070	-	3.35	V
					360	0	1484	-	2	5070	-	3.42	V
31	309	1	19-24	5	0	0	10235	-	-1	14518	-	1.42	V
					34	0	8130	-	-1	14518	-	1.79	V
					305	0	9618	-	-1	14518	-	1.51	V
32	310	1	20-21	5	0	0	9130	-	-1	14518	-	1.59	V
					254	0	8957	-	0	14519	-	1.62	V
					365	0	-9896	-	0	-14518	-	1.47	V
33	311	1	20-27	9	0	0	-16548	-	1	-22795	-	1.38	V
					73	0	-8724	-	1	-22795	-	2.61	V
					610	0	-14531	-	1	-22795	-	1.57	V
34	312	1	21-29	9	0	0	-22185	-	-1	-33864	-	1.53	V
					73	0	-12831	-	1	-22795	-	1.78	V
					610	0	-16147	-	1	-22795	-	1.41	V
35	313	1	21-50	5	0	0	9492	-	0	14519	-	1.53	V
					11	0	7395	-	0	14519	-	1.96	V
					165	0	-7475	-	0	-14519	-	1.94	V
36	314	1	22-31	9	0	0	-21194	-	0	-28342	-	1.34	V
					73	0	-12930	-	1	-22795	-	1.76	V
					610	0	-20354	-	0	-28342	-	1.39	V
37	315	1	50-22	5	0	0	-10756	-	0	-14519	-	1.35	V
					214	0	10392	-	0	14519	-	1.40	V
					325	0	13208	-	-1	19175	-	1.45	V
38	316	1	23-25	5	0	0	-12937	-	0	-19176	-	1.48	V
					241	0	-9411	-	0	-19176	-	2.04	V
					305	0	-13374	-	0	-19176	-	1.43	V
39	317	1	24-26	5	0	0	9883	-	-1	14518	-	1.47	V
					241	0	7994	-	-1	14518	-	1.82	V
					305	0	10048	-	-1	14518	-	1.44	V
40	318	1	25-34	5	0	0	-12348	-	0	-19176	-	1.55	V
					36	0	9122	-	0	19176	-	2.10	V
					315	0	-13018	-	0	-19176	-	1.47	V
41	319	1	26-27	14	0	0	-2603	-	2	-5070	-	1.95	V
					38	0	-1801	-	2	-5070	-	2.82	V
					375	0	-2005	-	2	-5070	-	2.53	V
42	320	1	26-35	5	0	0	9772	-	-1	14518	-	1.49	V
					249	0	8398	-	-1	14518	-	1.73	V
					315	0	10402	-	-1	14518	-	1.40	V
43	321	1	28-27	13	0	0	-3826	-	1	-15556	-	4.07	V
					79	0	-7752	-	1	-15556	-	2.01	V
					140	0	-9264	-	1	-15556	-	1.68	V
44	322	1	27-36	5	0	0	-10224	-	0	-14519	-	1.42	V
					49	0	-7157	-	0	-14519	-	2.03	V
					420	0	-6015	-	0	-14519	-	2.41	V
45	323	1	29-28	13	0	0	8266	-	0	11805	-	1.43	V
					18	0	6665	-	0	11805	-	1.77	V
					195	0	-6170	-	0	-11805	-	1.91	V
46	324	1	32-28	5	0	0	-5247	-	0	-14519	-	2.77	V
					158	0	7891	-	0	14519	-	1.84	V
					210	0	9449	-	0	14519	-	1.54	V
47	325	1	29-30	5	0	0	-10265	-	0	-14519	-	1.41	V
					19	0	7905	-	0	14519	-	1.84	V
					210	0	9786	-	0	14519	-	1.48	V
48	326	1	29-33	5	0	0	-9371	-	0	-14519	-	1.55	V
					23	0	-7507	-	0	-14519	-	1.93	V
					210	0	-5476	-	0	-14519	-	2.65	V
49	327	1	30-31	5	0	0	-11463	-	-1	-19175	-	1.67	V
					193	0	-9399	-	0	-14518	-	1.54	V
					295	0	-12036	-	-1	-19175	-	1.59	V
50	328	1	43-30	9	0	0	-17893	-	0	-28342	-	1.58	V

					75	0	13531	-	1	22794	-	1.68	V
					630	0	-18752	-	0	-28342	-	1.51	V
51	329	1	31-44	9	0	0	-21172	-	0	-28342	-	1.34	V
					525	0	15581	-	1	22795	-	1.46	V
					630	0	16363	-	1	22794	-	1.39	V
52	330	1	32-33	5	0	0	3609	-	0	14519	-	4.02	V
					158	0	3557	-	0	14519	-	4.08	V
					210	0	4468	-	0	14519	-	3.25	V
53	331	1	32-37	5	0	0	-4590	-	0	-14519	-	3.16	V
					158	0	6042	-	0	14519	-	2.40	V
					210	0	7449	-	0	14519	-	1.95	V
54	332	1	33-38	5	0	0	-3888	-	0	-14519	-	3.73	V
					158	0	6184	-	0	14519	-	2.35	V
					210	0	7510	-	0	14519	-	1.93	V
55	333	1	34-39	5	0	0	12302	-	0	19176	-	1.56	V
					36	0	9370	-	0	19176	-	2.05	V
					315	0	-15072	-	1	-23818	-	1.58	V
56	334	1	35-40	5	0	0	9861	-	-1	14518	-	1.47	V
					249	0	9444	-	-1	14518	-	1.54	V
					315	0	-13817	-	0	-19176	-	1.39	V
57	335	1	37-36	13	0	0	-2996	-	0	-11805	-	3.94	V
					101	0	7168	-	0	11805	-	1.65	V
					150	0	8472	-	0	11805	-	1.39	V
58	336	1	36-41	5	0	0	-7293	-	0	-14519	-	1.99	V
					135	0	10195	-	0	14519	-	1.42	V
					210	0	15347	-	1	23818	-	1.55	V
59	337	1	37-38	5	0	0	-2794	-	0	-14519	-	5.20	V
					158	0	-4026	-	0	-14519	-	3.61	V
					210	0	-4972	-	0	-14519	-	2.92	V
60	338	1	45-39	13	0	0	-13818	-	0	-19294	-	1.40	V
					41	0	-10197	-	1	-15556	-	1.53	V
					360	0	-8452	-	0	-11803	-	1.40	V
61	339	1	39-49	5	0	0	-15167	-	1	-23818	-	1.57	V
					88	0	-8739	-	0	-14518	-	1.66	V
					750	0	-105	-	0	-14518	-	138.36	V
62	340	1	41-40	9	0	0	-23280	-	0	-33895	-	1.46	V
					78	0	15801	-	1	22795	-	1.44	V
					360	0	-8079	-	1	-22795	-	2.82	V
63	341	1	46-40	13	0	0	-9936	-	1	-15556	-	1.57	V
					42	0	-7541	-	0	-11805	-	1.57	V
					366	0	-9713	-	1	-15556	-	1.60	V
64	342	1	41-42	5	0	0	13392	-	-1	19175	-	1.43	V
					232	0	-10572	-	0	-14518	-	1.37	V
					330	0	13566	-	-1	19175	-	1.41	V
65	343	1	42-43	5	0	0	-13323	-	0	-19176	-	1.44	V
					131	0	10302	-	0	19176	-	1.86	V
					210	0	13525	-	0	19176	-	1.42	V
66	344	1	43-44	5	0	0	-11683	-	0	-19176	-	1.64	V
					193	0	-12774	-	0	-19176	-	1.50	V
					295	0	-16509	-	0	-23823	-	1.44	V
67	345	1	45-46	13	0	0	-17398	-	-1	-23006	-	1.32	V
					377	0	6963	-	-3	15556	-	2.23	V
					813	0	-17800	-	-1	-23006	-	1.29	V
68	401	2	1-2	5	0	0	-12647	-	-1	-19175	-	1.52	V
					57	0	8331	-	0	14519	-	1.74	V
					530	0	-12458	-	-1	-19175	-	1.54	V
69	402	2	1-7	13	0	0	-12247	-	0	-19294	-	1.58	V
					34	0	7514	-	0	11803	-	1.57	V
					305	0	-8546	-	0	-11805	-	1.38	V
70	403	2	2-3	5	0	0	-12885	-	-1	-19175	-	1.49	V
					43	0	-8853	-	0	-14519	-	1.64	V
					405	0	9224	-	-1	14518	-	1.57	V
71	404	2	2-8	14	0	0	-2891	-	2	-5070	-	1.75	V
					34	0	2190	-	2	5070	-	2.31	V
					305	0	-2413	-	2	-5070	-	2.10	V
72	405	2	3-4	5	0	0	-12902	-	-1	-19175	-	1.49	V
					40	0	-9445	-	0	-14519	-	1.54	V
					375	0	-10251	-	0	-14519	-	1.42	V
73	406	2	3-9	14	0	0	-3199	-	2	-5070	-	1.58	V
					34	0	2142	-	2	5070	-	2.37	V
					305	0	-3317	-	2	-5070	-	1.53	V
74	407	2	4-5	5	0	0	-6090	-	0	-14519	-	2.38	V
					258	0	7730	-	0	14519	-	1.88	V
					365	0	-9538	-	0	-14519	-	1.52	V
75	408	2	4-13	9	0	0	-11477	-	1	-22795	-	1.99	V
					145	0	9386	-	1	22795	-	2.43	V
					610	0	-14961	-	1	-22795	-	1.52	V
76	409	2	5-6	5	0	0	-11630	-	-1	-19175	-	1.65	V
					350	0	8420	-	0	14519	-	1.72	V
					490	0	-10328	-	0	-14519	-	1.41	V
77	410	2	5-14	9	0	0	-16740	-	1	-22795	-	1.36	V
					145	0	11370	-	1	22795	-	2.00	V
					610	0	-20213	-	0	-28342	-	1.40	V
78	411	2	6-15	9	0	0	-18056	-	0	-28342	-	1.57	V
					73	0	12196	-	1	22795	-	1.87	V
					610	0	-19946	-	0	-28342	-	1.42	V
79	412	2	7-8	5	0	0	-11128	-	-1	-19175	-	1.72	V
					57	0	8435	-	-1	14518	-	1.72	V
					530	0	-13560	-	-1	-19175	-	1.41	V
80	413	2	7-10	13	0	0	7768	-	0	11803	-	1.52	V
					241	0	7417	-	0	11805	-	1.59	V
					305	0	-7821	-	0	-11803	-	1.51	V
81	414	2	8-9	5	0	0	-11871	-	-1	-19175	-	1.62	V
					302	0	-8496	-	0	-14519	-	1.71	V
					405	0	-12539	-	-1	-19175	-	1.53	V

82	415	2	8-11	5	0	0	10374	-	0	14519	-	1.40	V
					241	0	8381	-	0	14519	-	1.73	V
					305	0	10539	-	0	14519	-	1.38	V
83	416	2	9-12	13	0	0	-7795	-	0	-11805	-	1.51	V
					34	0	-5615	-	0	-11805	-	2.10	V
					305	0	-6994	-	0	-11805	-	1.69	V
84	417	2	10-11	5	0	0	-9271	-	0	-14519	-	1.57	V
					57	0	8842	-	0	14519	-	1.64	V
					530	0	-14327	-	-1	-19175	-	1.34	V
85	418	2	10-16	13	0	0	-11588	-	1	-15556	-	1.34	V
					34	0	-8486	-	0	-11805	-	1.39	V
					305	0	-8398	-	0	-11803	-	1.41	V
86	419	2	11-12	5	0	0	-12671	-	-1	-19175	-	1.51	V
					43	0	-8388	-	0	-14519	-	1.73	V
					400	0	9402	-	-1	14518	-	1.54	V
87	420	2	12-13	14	0	0	-2309	-	2	-5070	-	2.20	V
					41	0	-1564	-	2	-5070	-	3.24	V
					380	0	1535	-	2	5070	-	3.30	V
88	421	2	12-17	13	0	0	-7691	-	0	-11805	-	1.53	V
					241	0	-5794	-	0	-11805	-	2.04	V
					305	0	-8111	-	0	-11805	-	1.46	V
89	422	2	13-14	5	0	0	-9802	-	0	-14519	-	1.48	V
					258	0	-8602	-	0	-14519	-	1.69	V
					365	0	10538	-	-1	14518	-	1.38	V
90	423	2	13-20	9	0	0	-14339	-	1	-22795	-	1.59	V
					73	0	-7494	-	1	-22795	-	3.04	V
					610	0	-13685	-	1	-22795	-	1.67	V
91	424	2	14-15	5	0	0	-12180	-	-1	-19175	-	1.57	V
					350	0	9120	-	0	14519	-	1.59	V
					490	0	-10175	-	0	-14518	-	1.43	V
92	425	2	14-21	9	0	0	-19792	-	0	-28342	-	1.43	V
					508	0	-11049	-	0	-28342	-	2.57	V
					610	0	-19667	-	0	-28342	-	1.44	V
93	426	2	15-22	9	0	0	-19137	-	0	-28342	-	1.48	V
					508	0	-11464	-	1	-22795	-	1.99	V
					610	0	-19215	-	0	-28342	-	1.47	V
94	427	2	16-17	9	0	0	-20765	-	0	-28342	-	1.36	V
					430	0	11083	-	-1	28300	-	2.55	V
					950	0	-24211	-	-1	-33864	-	1.40	V
95	428	2	16-18	13	0	0	-9986	-	1	-15556	-	1.56	V
					241	0	7233	-	1	15556	-	2.15	V
					305	0	-9358	-	1	-15556	-	1.66	V
96	429	2	17-19	13	0	0	7407	-	0	11803	-	1.59	V
					34	0	6038	-	0	11803	-	1.95	V
					305	0	7108	-	0	11803	-	1.66	V
97	430	2	18-19	9	0	0	-20175	-	0	-28342	-	1.40	V
					430	0	11124	-	-1	28300	-	2.54	V
					950	0	-24870	-	-1	-33864	-	1.36	V
98	431	2	18-23	13	0	0	-9786	-	1	-15556	-	1.59	V
					34	0	-7052	-	1	-15556	-	2.21	V
					305	0	-9703	-	1	-15556	-	1.60	V
99	432	2	19-20	14	0	0	-2487	-	2	-5070	-	2.04	V
					36	0	-1738	-	2	-5070	-	2.92	V
					360	0	1814	-	2	5070	-	2.80	V
100	433	2	19-24	13	0	0	-8450	-	0	-11805	-	1.40	V
					241	0	-6418	-	0	-11805	-	1.84	V
					305	0	-9129	-	1	-15556	-	1.70	V
101	434	2	20-21	5	0	0	9053	-	-1	14518	-	1.60	V
					258	0	9362	-	0	14519	-	1.55	V
					365	0	-10209	-	0	-14518	-	1.42	V
102	435	2	20-27	9	0	0	-14411	-	1	-22795	-	1.58	V
					290	0	5868	-	1	22795	-	3.88	V
					610	0	-13070	-	1	-22795	-	1.74	V
103	436	2	21-29	9	0	0	-20237	-	0	-28342	-	1.40	V
					73	0	-11233	-	1	-22795	-	2.03	V
					610	0	-14543	-	1	-22795	-	1.57	V
104	437	2	21-50	5	0	0	9653	-	0	14519	-	1.50	V
					11	0	7456	-	0	14519	-	1.95	V
					165	0	-8115	-	0	-14519	-	1.79	V
105	438	2	22-31	9	0	0	-19392	-	0	-28342	-	1.46	V
					73	0	-11555	-	1	-22795	-	1.97	V
					610	0	-18637	-	0	-28342	-	1.52	V
106	439	2	50-22	5	0	0	-13333	-	-1	-19175	-	1.44	V
					31	0	-9642	-	0	-14519	-	1.51	V
					325	0	14771	-	0	23805	-	1.61	V
107	440	2	23-24	9	0	0	-21119	-	-1	-33864	-	1.60	V
					430	0	11171	-	1	28347	-	2.54	V
					950	0	-25546	-	-1	-33864	-	1.33	V
108	441	2	23-25	13	0	0	-9407	-	1	-15556	-	1.65	V
					241	0	-7070	-	1	-15556	-	2.20	V
					305	0	-9797	-	1	-15556	-	1.59	V
109	442	2	24-26	13	0	0	7016	-	0	11803	-	1.68	V
					241	0	5734	-	0	11803	-	2.06	V
					305	0	7069	-	0	11803	-	1.67	V
110	443	2	25-26	9	0	0	-21757	-	0	-35576	-	1.64	V
					215	0	12077	-	0	21623	-	1.79	V
					950	0	-27420	-	0	-35576	-	1.30	V
111	444	2	25-34	13	0	0	9154	-	1	15556	-	1.70	V
					36	0	7151	-	0	11803	-	1.65	V
					315	0	8242	-	0	11803	-	1.43	V
112	445	2	26-27	14	0	0	-2743	-	2	-5070	-	1.85	V
					38	0	-1892	-	2	-5070	-	2.68	V
					375	0	2253	-	2	5070	-	2.25	V
113	446	2	26-35	13	0	0	-8653	-	0	-11805	-	1.36	V
					249	0	-6651	-	0	-11805	-	1.77	V

					315	0	7447	-	0	11803	-	1.58	V
114	447	2	28-27	13	0	0	-4128	-	0	-11805	-	2.86	V
					79	0	7219	-	0	11805	-	1.64	V
					140	0	8748	-	0	11805	-	1.35	V
115	448	2	27-36	5	0	0	-9210	-	0	-14519	-	1.58	V
					49	0	-6291	-	0	-14519	-	2.31	V
					420	0	-5967	-	0	-14519	-	2.43	V
116	449	2	29-28	13	0	0	9880	-	1	15556	-	1.57	V
					18	0	7807	-	0	11805	-	1.51	V
					195	0	-8320	-	0	-11805	-	1.42	V
117	450	2	32-28	5	0	0	-4803	-	0	-14519	-	3.02	V
					158	0	6613	-	0	14519	-	2.20	V
					210	0	7906	-	0	14519	-	1.84	V
118	451	2	29-30	5	0	0	-10736	-	0	-14519	-	1.35	V
					131	0	8206	-	0	14519	-	1.77	V
					210	0	10833	-	0	14519	-	1.34	V
119	452	2	29-33	5	0	0	-7313	-	0	-14519	-	1.99	V
					23	0	-5839	-	0	-14519	-	2.49	V
					210	0	-5639	-	0	-14519	-	2.57	V
120	453	2	30-31	5	0	0	-12173	-	-1	-19175	-	1.58	V
					193	0	-9584	-	0	-14518	-	1.51	V
					295	0	-12378	-	-1	-19175	-	1.55	V
121	454	2	30-43	9	0	0	-16817	-	1	-22795	-	1.36	V
					450	0	10991	-	1	22795	-	2.07	V
					630	0	-15687	-	1	-22795	-	1.45	V
122	455	2	31-44	9	0	0	-18738	-	0	-28342	-	1.51	V
					525	0	12502	-	1	22795	-	1.82	V
					630	0	-16697	-	1	-22795	-	1.37	V
123	456	2	32-33	5	0	0	-3983	-	0	-14519	-	3.64	V
					158	0	3805	-	0	14519	-	3.82	V
					210	0	4807	-	0	14519	-	3.02	V
124	457	2	32-37	5	0	0	-4509	-	0	-14519	-	3.22	V
					158	0	5064	-	0	14519	-	2.87	V
					210	0	6316	-	0	14519	-	2.30	V
125	458	2	33-38	5	0	0	-3741	-	0	-14519	-	3.88	V
					158	0	4981	-	0	14519	-	2.91	V
					210	0	6105	-	0	14519	-	2.38	V
126	459	2	34-35	9	0	0	-24060	-	-1	-42462	-	1.76	V
					215	0	12641	-	1	21621	-	1.71	V
					950	0	-28697	-	-1	-42462	-	1.48	V
127	460	2	34-39	13	0	0	-7695	-	0	-11803	-	1.53	V
					249	0	-7521	-	0	-11805	-	1.57	V
					315	0	-10413	-	1	-15556	-	1.49	V
128	461	2	35-40	13	0	0	-8512	-	0	-11805	-	1.39	V
					249	0	-6727	-	0	-11805	-	1.75	V
					315	0	-9627	-	1	-15556	-	1.62	V
129	462	2	37-36	13	0	0	-3130	-	0	-11805	-	3.77	V
					101	0	7166	-	0	11805	-	1.65	V
					150	0	8485	-	0	11805	-	1.39	V
130	463	2	36-41	5	0	0	-5418	-	0	-14519	-	2.68	V
					158	0	9243	-	0	14519	-	1.57	V
					210	0	11008	-	-1	19175	-	1.74	V
131	464	2	37-38	5	0	0	-3472	-	0	-14519	-	4.18	V
					158	0	-4295	-	0	-14519	-	3.38	V
					210	0	-5337	-	0	-14519	-	2.72	V
132	465	2	45-39	13	0	0	-8469	-	0	-11805	-	1.39	V
					289	0	7035	-	0	11805	-	1.68	V
					360	0	8927	-	1	15556	-	1.74	V
133	466	2	39-49	9	0	0	-24031	-	-1	-33864	-	1.41	V
					176	0	14921	-	1	22795	-	1.53	V
					750	0	-98	-	0	-28342	-	289.67	V
134	467	2	40-41	9	0	0	-8158	-	1	-22795	-	2.79	V
					233	0	15732	-	1	22795	-	1.45	V
					355	0	-22609	-	0	-33895	-	1.50	V
135	468	2	46-40	5	0	0	-6723	-	0	-14519	-	2.16	V
					291	0	-8323	-	0	-14519	-	1.74	V
					366	0	-10305	-	0	-14519	-	1.41	V
136	469	2	41-42	5	0	0	12440	-	-1	19175	-	1.54	V
					241	0	-10920	-	0	-14518	-	1.33	V
					335	0	13841	-	-1	19175	-	1.39	V
137	470	2	42-43	5	0	0	-14406	-	0	-19176	-	1.33	V
					131	0	11266	-	0	19176	-	1.70	V
					210	0	-12381	-	-1	-19175	-	1.55	V
138	471	2	43-44	5	0	0	13110	-	0	19176	-	1.46	V
					193	0	-13744	-	0	-19176	-	1.40	V
					295	0	-17886	-	0	-23823	-	1.33	V
139	472	2	45-46	5	0	0	-16517	-	0	-23805	-	1.44	V
					377	0	6426	-	0	14516	-	2.26	V
					813	0	-16796	-	0	-23805	-	1.42	V
140	519	3	1-2	5	0	0	-9002	-	0	-14519	-	1.61	V
					57	0	6269	-	0	14519	-	2.32	V
					530	0	-8191	-	0	-14519	-	1.77	V
141	520	3	1-7	13	0	0	-5272	-	0	-11805	-	2.24	V
					34	0	-3986	-	0	-11805	-	2.96	V
					305	0	3457	-	0	11805	-	3.41	V
142	521	3	2-3	5	0	0	-7973	-	0	-14519	-	1.82	V
					43	0	-5403	-	0	-14519	-	2.69	V
					405	0	-6806	-	0	-14519	-	2.13	V
143	522	3	2-8	14	0	0	-1487	-	2	-5070	-	3.41	V
					34	0	1133	-	2	5070	-	4.47	V
					305	0	-1281	-	2	-5070	-	3.96	V
144	523	3	3-4	5	0	0	-8106	-	0	-14519	-	1.79	V
					40	0	-5920	-	0	-14519	-	2.45	V
					375	0	6950	-	0	14519	-	2.09	V
145	524	3	3-9	14	0	0	-1628	-	2	-5070	-	3.11	V

					69	0	1305	-	2	5070	-	3.89	V
					305	0	-2188	-	2	-5070	-	2.32	V
146	525	3	4-5	5	0	0	-2167	-	0	-14519	-	6.70	V
					258	0	4342	-	0	14519	-	3.34	V
					365	0	-5442	-	0	-14519	-	2.67	V
147	526	3	4-13	9	0	0	-5193	-	1	-22795	-	4.39	V
					218	0	8483	-	0	22790	-	2.69	V
					610	0	-11109	-	1	-22795	-	2.05	V
148	527	3	5-6	5	0	0	-6843	-	0	-14519	-	2.12	V
					350	0	5090	-	0	14519	-	2.85	V
					490	0	6248	-	0	14519	-	2.32	V
149	528	3	5-14	9	0	0	-8088	-	1	-22795	-	2.82	V
					218	0	9502	-	0	22790	-	2.40	V
					610	0	-14351	-	0	-28342	-	1.97	V
150	529	3	6-15	9	0	0	-9110	-	1	-22795	-	2.50	V
					145	0	8078	-	1	22795	-	2.82	V
					610	0	-13236	-	1	-22795	-	1.72	V
151	530	3	7-8	5	0	0	-8097	-	0	-14519	-	1.79	V
					57	0	6378	-	0	14519	-	2.28	V
					530	0	-9772	-	0	-14519	-	1.49	V
152	531	3	7-10	13	0	0	-4701	-	0	-11805	-	2.51	V
					34	0	-3476	-	0	-11805	-	3.40	V
					305	0	3594	-	0	11805	-	3.28	V
153	532	3	8-9	5	0	0	-8357	-	0	-14519	-	1.74	V
					302	0	5522	-	0	14519	-	2.63	V
					405	0	-7501	-	0	-14519	-	1.94	V
154	533	3	8-11	5	0	0	-3332	-	0	-14519	-	4.36	V
					241	0	-3077	-	0	-14519	-	4.72	V
					305	0	-4222	-	0	-14519	-	3.44	V
155	534	3	9-12	13	0	0	-3526	-	0	-11805	-	3.35	V
					34	0	-2341	-	0	-11805	-	5.04	V
					305	0	-3184	-	0	-11805	-	3.71	V
156	535	3	10-11	5	0	0	-6693	-	0	-14519	-	2.17	V
					57	0	6843	-	0	14519	-	2.12	V
					530	0	-10648	-	0	-14519	-	1.36	V
157	536	3	10-16	13	0	0	-4726	-	0	-11805	-	2.50	V
					34	0	-3405	-	0	-11805	-	3.47	V
					305	0	4311	-	0	11805	-	2.74	V
158	537	3	11-12	5	0	0	-9233	-	0	-14519	-	1.57	V
					43	0	-5830	-	0	-14519	-	2.49	V
					400	0	-7187	-	0	-14519	-	2.02	V
159	538	3	12-13	14	0	0	-2030	-	2	-5070	-	2.50	V
					41	0	-1356	-	2	-5070	-	3.74	V
					380	0	1232	-	2	5070	-	4.11	V
160	539	3	12-17	13	0	0	-3979	-	0	-11805	-	2.97	V
					34	0	-2521	-	0	-11805	-	4.68	V
					305	0	-3678	-	0	-11805	-	3.21	V
161	540	3	13-14	5	0	0	5769	-	0	14519	-	2.52	V
					258	0	-5974	-	0	-14519	-	2.43	V
					365	0	-7943	-	0	-14519	-	1.83	V
162	541	3	13-20	9	0	0	-11817	-	1	-22795	-	1.93	V
					290	0	4559	-	1	22795	-	5.00	V
					610	0	-10342	-	1	-22795	-	2.20	V
163	542	3	14-15	5	0	0	-8594	-	0	-14519	-	1.69	V
					350	0	6530	-	0	14519	-	2.22	V
					490	0	8145	-	0	14519	-	1.78	V
164	543	3	14-21	9	0	0	-14876	-	0	-28342	-	1.91	V
					73	0	-7335	-	1	-22795	-	3.11	V
					610	0	-13044	-	1	-22795	-	1.75	V
165	544	3	15-22	9	0	0	-11813	-	1	-22795	-	1.93	V
					73	0	-6344	-	1	-22795	-	3.59	V
					610	0	-11186	-	1	-22795	-	2.04	V
166	545	3	16-17	9	0	0	-18737	-	0	-28342	-	1.51	V
					430	0	11432	-	-1	28300	-	2.48	V
					950	0	-21305	-	-1	-33864	-	1.59	V
167	546	3	16-18	13	0	0	-4019	-	0	-11805	-	2.94	V
					241	0	3071	-	0	11805	-	3.84	V
					305	0	3852	-	0	11805	-	3.06	V
168	547	3	17-19	13	0	0	-3873	-	0	-11805	-	3.05	V
					34	0	-2447	-	0	-11805	-	4.82	V
					305	0	-3880	-	0	-11805	-	3.04	V
169	548	3	18-19	9	0	0	-18452	-	0	-28342	-	1.54	V
					430	0	11415	-	-1	28300	-	2.48	V
					950	0	-21960	-	-1	-33864	-	1.54	V
170	549	3	18-23	13	0	0	-3917	-	0	-11805	-	3.01	V
					241	0	2920	-	0	11805	-	4.04	V
					305	0	-3983	-	0	-11805	-	2.96	V
171	550	3	19-20	14	0	0	-2518	-	2	-5070	-	2.01	V
					36	0	-1742	-	2	-5070	-	2.91	V
					360	0	2012	-	2	5070	-	2.52	V
172	551	3	19-24	13	0	0	-3711	-	0	-11805	-	3.18	V
					241	0	-2733	-	0	-11805	-	4.32	V
					305	0	-4227	-	0	-11805	-	2.79	V
173	552	3	20-21	5	0	0	-9473	-	0	-14519	-	1.53	V
					37	0	7535	-	0	14519	-	1.93	V
					365	0	9270	-	0	14519	-	1.57	V
174	553	3	20-27	9	0	0	-12038	-	1	-22795	-	1.89	V
					290	0	5524	-	1	22795	-	4.13	V
					610	0	-10851	-	1	-22795	-	2.10	V
175	554	3	21-29	9	0	0	-16554	-	0	-28342	-	1.71	V
					290	0	6433	-	0	22790	-	3.54	V
					610	0	-11063	-	1	-22795	-	2.06	V
176	555	3	21-50	5	0	0	7129	-	0	14519	-	2.04	V
					11	0	5712	-	0	14519	-	2.54	V
					165	0	-4611	-	0	-14519	-	3.15	V

177	556	3	22-31	9	0	0	-11279	-	1	-22795	-	2.02	V
					508	0	-5989	-	1	-22795	-	3.81	V
					610	0	-11398	-	1	-22795	-	2.00	V
178	557	3	50-22	5	0	0	-10282	-	0	-14519	-	1.41	V
					214	0	8654	-	0	14519	-	1.68	V
					325	0	11144	-	-1	19175	-	1.72	V
179	558	3	23-24	9	0	0	-19345	-	0	-28342	-	1.47	V
					430	0	11464	-	-1	28300	-	2.47	V
					950	0	-22662	-	-1	-33864	-	1.49	V
180	559	3	23-25	13	0	0	-3724	-	0	-11805	-	3.17	V
					241	0	-2937	-	0	-11805	-	4.02	V
					305	0	-4100	-	0	-11805	-	2.88	V
181	560	3	24-26	13	0	0	-4115	-	0	-11805	-	2.87	V
					34	0	-2644	-	0	-11805	-	4.47	V
					305	0	-4031	-	0	-11805	-	2.93	V
182	561	3	25-26	9	0	0	-19899	-	0	-28342	-	1.42	V
					430	0	11527	-	-1	28300	-	2.46	V
					950	0	-24224	-	-1	-33864	-	1.40	V
183	562	3	25-34	13	0	0	3809	-	0	11805	-	3.10	V
					36	0	3062	-	0	11805	-	3.86	V
					315	0	-3859	-	0	-11805	-	3.06	V
184	563	3	26-27	14	0	0	-2630	-	2	-5070	-	1.93	V
					38	0	-1825	-	2	-5070	-	2.78	V
					375	0	2052	-	2	5070	-	2.47	V
185	564	3	26-35	13	0	0	-3742	-	0	-11805	-	3.15	V
					249	0	-2765	-	0	-11805	-	4.27	V
					315	0	-4253	-	0	-11805	-	2.78	V
186	565	3	28-27	13	0	0	-3397	-	0	-11805	-	3.47	V
					79	0	5862	-	0	11805	-	2.01	V
					140	0	6872	-	0	11805	-	1.72	V
187	566	3	27-36	5	0	0	-7806	-	0	-14519	-	1.86	V
					49	0	-4431	-	0	-14519	-	3.28	V
					420	0	-5233	-	0	-14519	-	2.77	V
188	567	3	29-28	13	0	0	8690	-	0	11805	-	1.36	V
					18	0	6969	-	0	11805	-	1.69	V
					195	0	-7237	-	0	-11805	-	1.63	V
189	568	3	32-28	5	0	0	-3458	-	0	-14519	-	4.20	V
					158	0	2901	-	0	14519	-	5.00	V
					210	0	3472	-	0	14519	-	4.18	V
190	569	3	29-30	5	0	0	7501	-	0	14519	-	1.94	V
					19	0	5880	-	0	14519	-	2.47	V
					210	0	6453	-	0	14519	-	2.25	V
191	570	3	29-33	5	0	0	-3867	-	0	-14519	-	3.75	V
					158	0	-3609	-	0	-14519	-	4.02	V
					210	0	-4860	-	0	-14519	-	2.99	V
192	571	3	30-31	5	0	0	-8638	-	0	-14519	-	1.68	V
					193	0	8062	-	0	14519	-	1.80	V
					295	0	10203	-	0	14519	-	1.42	V
193	572	3	43-30	9	0	0	-10339	-	1	-22795	-	2.20	V
					300	0	8148	-	0	22790	-	2.80	V
					630	0	-11821	-	1	-22795	-	1.93	V
194	573	3	31-44	9	0	0	-11381	-	1	-22795	-	2.00	V
					525	0	6927	-	1	22795	-	3.29	V
					630	0	-7775	-	1	-22795	-	2.93	V
195	574	3	32-33	5	0	0	-2657	-	0	-14519	-	5.46	V
					158	0	2693	-	0	14519	-	5.39	V
					210	0	3344	-	0	14519	-	4.34	V
196	575	3	32-37	5	0	0	-3724	-	0	-14519	-	3.90	V
					158	0	2795	-	0	14519	-	5.19	V
					210	0	3555	-	0	14519	-	4.08	V
197	576	3	33-38	5	0	0	-3279	-	0	-14519	-	4.43	V
					158	0	-2835	-	0	-14519	-	5.12	V
					210	0	3560	-	0	14519	-	4.08	V
198	577	3	34-35	9	0	0	-21918	-	1	-33884	-	1.55	V
					430	0	11681	-	1	28349	-	2.43	V
					950	0	-25242	-	1	-33884	-	1.34	V
199	578	3	34-39	13	0	0	4616	-	0	11805	-	2.56	V
					249	0	-5261	-	0	-11805	-	2.24	V
					315	0	-6906	-	0	-11805	-	1.71	V
200	579	3	35-40	13	0	0	-4361	-	0	-11805	-	2.71	V
					249	0	3037	-	0	11805	-	3.89	V
					315	0	-4578	-	0	-11805	-	2.58	V
201	580	3	37-36	13	0	0	-2703	-	0	-11805	-	4.37	V
					101	0	4778	-	0	11805	-	2.47	V
					150	0	5663	-	0	11805	-	2.08	V
202	581	3	36-41	5	0	0	-3497	-	0	-14519	-	4.15	V
					158	0	5347	-	0	14519	-	2.72	V
					210	0	6124	-	0	14519	-	2.37	V
203	582	3	37-38	5	0	0	-3119	-	0	-14519	-	4.65	V
					158	0	-3134	-	0	-14519	-	4.63	V
					210	0	-3903	-	0	-14519	-	3.72	V
204	583	3	39-49	9	0	0	-16437	-	1	-22795	-	1.39	V
					264	0	13417	-	1	22795	-	1.70	V
					750	0	-36	-	1	-22795	-	629.34	V
205	584	3	40-41	9	0	0	-2429	-	1	-22795	-	9.39	V
					271	0	15019	-	1	22795	-	1.52	V
					355	0	17091	-	1	28347	-	1.66	V
206	585	3	41-42	5	0	0	8996	-	-1	14518	-	1.61	V
					241	0	8900	-	0	14519	-	1.63	V
					335	0	10557	-	-1	14518	-	1.38	V
207	586	3	42-43	5	0	0	-9563	-	0	-14519	-	1.52	V
					131	0	7531	-	0	14519	-	1.93	V
					210	0	9844	-	0	14519	-	1.47	V
208	587	3	43-44	5	0	0	8923	-	0	14519	-	1.63	V
					193	0	-10088	-	0	-14519	-	1.44	V

					295	0	-12962	-	0	-19176	-	1.48	V
209	632	4	20-21	13	0	0	-6755	-	0	-11803	-	1.75	V
					276	0	-7951	-	0	-11805	-	1.48	V
					365	0	-10545	-	1	-15556	-	1.48	V
210	633	4	47-20	10	0	0	3187	-	-1	6225	-	1.95	V
					33	0	2923	-	-1	6225	-	2.13	V
					305	0	-2313	-	-1	-6225	-	2.69	V
211	634	4	48-21	10	0	0	7640	-	0	14757	-	1.93	V
					33	0	7136	-	0	14757	-	2.07	V
					305	0	-6959	-	-1	-11938	-	1.72	V
212	635	4	27-29	5	0	0	-6343	-	0	-14519	-	2.29	V
					34	0	-4826	-	0	-14519	-	3.01	V
					335	0	-5907	-	0	-14519	-	2.46	V
213	636	4	27-41	5	0	0	-5961	-	0	-14519	-	2.44	V
					300	0	3415	-	0	14521	-	4.25	V
					630	0	-4001	-	0	-14519	-	3.63	V
214	637	4	27-47	10	0	0	-5217	-	0	-9092	-	1.74	V
					33	0	-3578	-	-1	-6225	-	1.74	V
					305	0	3223	-	-1	6225	-	1.93	V
215	638	4	29-30	5	0	0	6341	-	0	14519	-	2.29	V
					131	0	-5250	-	0	-14519	-	2.77	V
					210	0	-6978	-	0	-14519	-	2.08	V
216	639	4	29-33	5	0	0	-7744	-	0	-14521	-	1.88	V
					23	0	-6423	-	0	-14521	-	2.26	V
					210	0	-3063	-	0	-14519	-	4.74	V
217	640	4	29-48	10	0	0	-10909	-	-1	-21850	-	2.00	V
					232	0	7081	-	0	14859	-	2.10	V
					305	0	7707	-	1	18399	-	2.39	V
218	641	4	30-43	5	0	0	-5588	-	0	-14519	-	2.60	V
					300	0	2673	-	0	14519	-	5.43	V
					630	0	-4607	-	0	-14519	-	3.15	V
219	642	4	32-33	5	0	0	1200	-	0	14519	-	12.10	V
					158	0	977	-	0	14519	-	14.86	V
					210	0	-1340	-	0	-14519	-	10.84	V
220	643	4	32-37	5	0	0	1593	-	0	14519	-	9.11	V
					23	0	1451	-	0	14519	-	10.01	V
					210	0	-1573	-	0	-14519	-	9.23	V
221	644	4	33-38	5	0	0	-1829	-	0	-14519	-	7.94	V
					158	0	-3315	-	0	-14519	-	4.38	V
					210	0	-3917	-	0	-14519	-	3.71	V
222	645	4	37-38	5	0	0	1681	-	0	14519	-	8.64	V
					23	0	1356	-	0	14519	-	10.71	V
					210	0	-1650	-	0	-14519	-	8.80	V
223	646	4	38-42	5	0	0	-4657	-	0	-14519	-	3.12	V
					23	0	-3417	-	0	-14519	-	4.25	V
					210	0	2945	-	0	14519	-	4.93	V
224	647	4	41-42	5	0	0	-8516	-	0	-14519	-	1.70	V
					34	0	-6405	-	0	-14519	-	2.27	V
					335	0	-6779	-	0	-14519	-	2.14	V
225	648	4	42-43	5	0	0	-2421	-	0	-14519	-	6.00	V
					131	0	4370	-	0	14519	-	3.32	V
					210	0	5213	-	0	14519	-	2.79	V
226	649	4	47-48	8	0	0	406	-	1	4256	-	10.49	V
					306	0	-3024	-	-1	-6560	-	2.17	V
					380	0	-3843	-	0	-7687	-	2.00	V

4.3.2.1.5 Verifiche SLD - Taglio

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;
$\cot(\theta)$: cotangente dell'angolo θ;
A_{Sag} : area del singolo sagomato;

Tagli Sollecitanti:
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;

N_{br} : numero di bracci di cui è composta la staffa;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;
: NV_min = Minimi di normativa non rispettati;

Tabella 19.I

									Tagli Sollecitanti		Tagli Resistenti								
Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Blocco	cot(θ)	A_{Sag} [cm²]	V_{SdXY} [daN]	V_{SdXZ} [daN]	V_{rdxy} [daN]	V_{rdxz} [daN]	ϕ [mm]	N_{br}	D_{Staffe} [cm]	L_{tr} [cm]	S_{XY}	S_{XZ}	Esito
1	272	Piano 1	1-2	5	2.5	Ini	1.00	0.00	121	7207	-	32351	10	2	9	90	-	5.46	V
						Med	1.00	0.00	121	6551	-	16336	10	2	20	275	-	2.70	V
						fin	1.00	0.00	121	8362	-	32351	10	2	9	90	-	4.71	V
2	273	Piano 1	1-7	5	2.5	Ini	1.00	0.00	274	12190	-	37330	10	2	9	90	-	3.23	V
						Med	1.00	0.00	274	11201	-	20620	10	2	20	95	-	1.58	V
						fin	1.00	0.00	274	11473	-	35246	10	2	9	90	-	3.43	V
3	274	Piano 1	2-3	5	2.5	Ini	1.00	0.00	108	8396	-	33559	10	2	9	90	-	4.69	V
						Med	1.00	0.00	108	6579	-	17544	10	2	20	165	-	2.69	V
						fin	1.00	0.00	108	7875	-	33559	10	2	9	90	-	5.00	V
4	275	Piano 1	2-8	14	2.5	Ini	1.00	0.00	410	2701	-	24936	10	2	4	36	-	11.60	V
						Med	1.00	0.00	410	2917	-	7505	10	2	15	203	-	2.86	V
						fin	1.00	0.00	410	3083	-	24497	10	2	4	36	-	10.16	V
5	276	Piano 1	3-4	5	2.5	Ini	1.00	0.00	132	8060	-	33882	10	2	9	90	-	4.89	V
						Med	1.00	0.00	132	7087	-	17867	10	2	20	140	-	2.50	V
						fin	1.00	0.00	132	7054	-	33882	10	2	9	90	-	5.58	V
6	277	Piano 1	3-9	14	2.5	Ini	1.00	0.00	390	4113	-	24727	10	2	4	36	-	7.62	V
						Med	1.00	0.00	390	4150	-	7515	10	2	15	203	-	2.01	V
						fin	1.00	0.00	390	4720	-	24507	10	2	4	36	-	6.64	V
7	278	Piano 1	4-5	5	2.5	Ini	1.00	0.00	350	3161	-	34442	10	2	9	90	-	12.45	V
						Med	1.00	0.00	132	1658	-	18427	10	2	20	115	-	10.68	V
						fin	1.00	0.00	209	13917	-	34218	10	2	9	90	-	2.83	V
8	282	Piano 1	4-13	9	2.5	Ini	1.00	0.00	121	11858	-	38029	10	2	9	105	-	3.92	V
						Med	1.00	0.00	121	10897	-	18769	10	2	20	370	-	1.92	V
						fin	1.00	0.00	121	13929	-	37660	10	2	9	105	-	3.33	V
9	283	Piano 1	5-6	5	2.5	Ini	1.00	0.00	351	10505	-	32773	10	2	9	90	-	3.75	V
						Med	1.00	0.00	100	1660	-	16967	10	2	20	220	-	10.68	V
						fin	1.00	0.00	229	11265	-	32652	10	2	9	90	-	3.50	V
10	288	Piano 1	5-14	9	2.5	Ini	1.00	0.00	113	15071	-	35938	10	2	10	105	-	2.77	V
						Med	1.00	0.00	113	13650	-	19570	10	2	20	370	-	1.53	V
						fin	1.00	0.00	113	17096	-	34534	10	2	10	105	-	2.44	V
11	289	Piano 1	6-15	9	2.5	Ini	1.00	0.00	53	13470	-	35458	10	2	10	105	-	3.10	V
						Med	1.00	0.00	53	12495	-	19558	10	2	20	370	-	1.67	V
						fin	1.00	0.00	53	15330	-	34522	10	2	10	105	-	2.72	V
12	290	Piano 1	7-8	5	2.5	Ini	1.00	0.00	97	7619	-	32266	10	2	9	90	-	5.17	V
						Med	1.00	0.00	97	7294	-	16251	10	2	20	275	-	2.43	V
						fin	1.00	0.00	97	9506	-	32266	10	2	9	90	-	4.14	V
13	291	Piano 1	7-10	5	2.5	Ini	1.00	0.00	135	11940	-	34560	10	2	9	90	-	3.30	V
						Med	1.00	0.00	135	9974	-	18545	10	2	20	95	-	1.78	V
						fin	1.00	0.00	135	10407	-	34560	10	2	9	90	-	3.78	V
14	292	Piano 1	8-9	5	2.5	Ini	1.00	0.00	128	9596	-	33290	10	2	9	90	-	4.10	V
						Med	1.00	0.00	128	7416	-	17275	10	2	20	165	-	2.39	V
						fin	1.00	0.00	128	8138	-	33290	10	2	9	90	-	4.84	V
15	293	Piano 1	8-11	5	2.5	Ini	1.00	0.00	58	9529	-	35264	10	2	9	90	-	4.13	V
						Med	1.00	0.00	58	9358	-	19249	10	2	20	95	-	1.89	V
						fin	1.00	0.00	58	9849	-	35264	10	2	9	90	-	4.00	V
16	294	Piano 1	9-12	5	2.5	Ini	1.00	0.00	80	9230	-	34563	10	2	9	90	-	4.27	V
						Med	1.00	0.00	80	8496	-	18548	10	2	20	95	-	2.09	V
						fin	1.00	0.00	80	10004	-	34563	10	2	9	90	-	3.94	V
17	295	Piano 1	10-11	5	2.5	Ini	1.00	0.00	95	5035	-	32510	10	2	9	90	-	7.82	V
						Med	1.00	0.00	95	6451	-	16495	10	2	20	275	-	2.75	V
						fin	1.00	0.00	95	7825	-	32510	10	2	9	90	-	5.03	V
18	296	Piano 1	10-16	5	2.5	Ini	1.00	0.00	491	13460	-	35230	10	2	9	90	-	2.93	V
						Med	1.00	0.00	491	11206	-	19215	10	2	20	95	-	1.58	V
						fin	1.00	0.00	491	10719	-	34535	10	2	9	90	-	3.67	V
19	297	Piano 1	11-12	5	2.5	Ini	1.00	0.00	117	8664	-	33722	10	2	9	90	-	4.54	V
						Med	1.00	0.00	117	7328	-	17707	10	2	20	160	-	2.42	V
						fin	1.00	0.00	117	6544	-	33722	10	2	9	90	-	6.02	V
20	298	Piano 1	12-13	14	2.5	Ini	1.00	0.00	28	1629	-	24691	10	2	4	36	-	19.23	V
						Med	1.00	0.00	28	1464	-	7698	10	2	15	223	-	5.71	V
						fin	1.00	0.00	28	1201	-	24691	10	2	4	36	-	26.09	V
21	299	Piano 1	12-17	5	2.5	Ini	1.00	0.00	271	10056	-	34581	10	2	9	90	-	3.92	V
						Med	1.00	0.00	271	8545	-	18566	10	2	20	95	-	2.07	V
						fin	1.00	0.00	271	9362	-	34581	10	2	9	90	-	4.21	V
22	300	Piano 1	13-14	5	2.5	Ini	1.00	0.00	122	6766	-	34098	10	2	9	90	-	5.82	V
						Med	1.00	0.00	122	6274	-	18083	10	2	20	115	-	2.82	V
						fin	1.00	0.00	122	6371	-	34098	10	2	9	90	-	6.18	V
23	301	Piano 1	13-20	9	2.5	Ini	1.00	0.00	16	10641	-	37658	10	2	9	105	-	4.36	V
						Med	1.00	0.00	16	7609	-	18767	10	2	20	370	-	2.75	V
						fin	1.00	0.00	16	10451	-	37658	10	2	9	105	-	4.44	V
24	302	Piano 1	14-15	5	2.5	Ini	1.00	0.00	31	6164	-	32881	10	2	9	90	-	6.39	V
						Med	1.00	0.00	31	5673	-	16866	10	2	20	220	-	3.12	V
						fin	1.00	0.00	31	4472	-	32881	10	2	9	90	-	8.80	V
25	303	Piano 1	14-21	9	2.5	Ini	1.00	0.00	13	13629	-	38044	10	2	9	105	-	3.41	V
						Med	1.00	0.00	13	10183	-	18784	10	2	20	370	-	2.05	V
						fin	1.00	0.00	13	13238	-	37674	10	2	9	105	-	3.51	V
26	304	Piano 1	15-22	9	2.5	Ini	1.00	0.00	28	12492	-	38038	10	2	9	105	-	3.72	V
						Med	1.00	0.00	28	9656	-	18778	10	2	20	370	-	2.16	V

						fin	1.00	0.00	28	11959	-	37668	10	2	9	105	-	3.88	V
27	305	Piano 1	16-18	5	2.5	Ini	1.00	0.00	139	12364	-	35226	10	2	9	90	-	3.18	V
						Med	1.00	0.00	139	10109	-	19211	10	2	20	95	-	1.75	V
						fin	1.00	0.00	139	11532	-	35226	10	2	9	90	-	3.41	V
28	306	Piano 1	17-19	5	2.5	Ini	1.00	0.00	149	10254	-	34580	10	2	9	90	-	3.84	V
						Med	1.00	0.00	149	8853	-	18565	10	2	20	95	-	2.00	V
						fin	1.00	0.00	149	10355	-	34580	10	2	9	90	-	3.80	V
29	307	Piano 1	18-23	5	2.5	Ini	1.00	0.00	55	12117	-	35221	10	2	9	90	-	3.25	V
						Med	1.00	0.00	55	9862	-	19206	10	2	20	95	-	1.80	V
						fin	1.00	0.00	55	11609	-	35221	10	2	9	90	-	3.39	V
30	308	Piano 1	19-20	14	2.5	Ini	1.00	0.00	16	1939	-	24557	10	2	4	36	-	16.16	V
						Med	1.00	0.00	16	1774	-	7565	10	2	15	213	-	4.71	V
						fin	1.00	0.00	16	1598	-	24557	10	2	4	36	-	19.61	V
31	309	Piano 1	19-24	5	2.5	Ini	1.00	0.00	86	9959	-	34577	10	2	9	90	-	3.95	V
						Med	1.00	0.00	86	8923	-	18562	10	2	20	95	-	1.99	V
						fin	1.00	0.00	86	10424	-	34577	10	2	9	90	-	3.78	V
32	310	Piano 1	20-21	5	2.5	Ini	1.00	0.00	47	8562	-	34477	10	2	9	90	-	4.60	V
						Med	1.00	0.00	47	8071	-	17789	10	2	20	110	-	2.20	V
						fin	1.00	0.00	47	7470	-	33804	10	2	9	90	-	5.27	V
33	311	Piano 1	20-27	9	2.5	Ini	1.00	0.00	13	11839	-	37661	10	2	9	105	-	3.92	V
						Med	1.00	0.00	13	8813	-	18771	10	2	20	370	-	2.37	V
						fin	1.00	0.00	13	10898	-	37661	10	2	9	105	-	4.26	V
34	312	Piano 1	21-29	9	2.5	Ini	1.00	0.00	3	14094	-	38410	10	2	9	105	-	3.30	V
						Med	1.00	0.00	3	10648	-	18781	10	2	20	370	-	1.96	V
						fin	1.00	0.00	3	12785	-	37671	10	2	9	105	-	3.63	V
35	313	Piano 1	21-50	5	2.5	Ini	1.00	0.00	58	19095	-	35686	10	2	9	90	-	2.06	V
36	314	Piano 1	22-31	9	2.5	Ini	1.00	0.00	19	12381	-	38034	10	2	9	105	-	3.75	V
						Med	1.00	0.00	19	9710	-	18775	10	2	20	370	-	2.15	V
						fin	1.00	0.00	19	12545	-	37665	10	2	9	105	-	3.70	V
37	315	Piano 1	50-22	5	2.5	Ini	1.00	0.00	9	10450	-	34209	10	2	9	90	-	3.77	V
						Med	1.00	0.00	9	9958	-	18194	10	2	20	65	-	1.78	V
						fin	1.00	0.00	9	9604	-	34209	10	2	9	90	-	4.10	V
38	316	Piano 1	23-25	5	2.5	Ini	1.00	0.00	52	11946	-	35222	10	2	9	90	-	3.30	V
						Med	1.00	0.00	52	10006	-	19207	10	2	20	95	-	1.77	V
						fin	1.00	0.00	52	11877	-	35222	10	2	9	90	-	3.31	V
39	317	Piano 1	24-26	5	2.5	Ini	1.00	0.00	65	10276	-	34576	10	2	9	90	-	3.83	V
						Med	1.00	0.00	65	8775	-	18561	10	2	20	95	-	2.02	V
						fin	1.00	0.00	65	10225	-	34576	10	2	9	90	-	3.85	V
40	318	Piano 1	25-34	5	2.5	Ini	1.00	0.00	108	11522	-	35099	10	2	9	90	-	3.42	V
						Med	1.00	0.00	108	9696	-	19084	10	2	20	105	-	1.83	V
						fin	1.00	0.00	108	11566	-	35099	10	2	9	90	-	3.40	V
41	319	Piano 1	26-27	14	2.5	Ini	1.00	0.00	90	2224	-	24566	10	2	4	36	-	14.09	V
						Med	1.00	0.00	90	2058	-	7573	10	2	15	228	-	4.06	V
						fin	1.00	0.00	90	1936	-	24566	10	2	4	36	-	16.19	V
42	320	Piano 1	26-35	5	2.5	Ini	1.00	0.00	170	10090	-	34450	10	2	9	90	-	3.90	V
						Med	1.00	0.00	170	8774	-	18435	10	2	20	105	-	2.02	V
						fin	1.00	0.00	170	10275	-	34450	10	2	9	90	-	3.83	V
43	321	Piano 1	28-27	13	2.5	Ini	1.00	0.00	90	15150	-	32617	10	2	9	90	-	2.13	V
44	322	Piano 1	27-36	5	2.5	Ini	1.00	0.00	12	6696	-	32756	10	2	9	90	-	5.88	V
						Med	1.00	0.00	12	5195	-	16741	10	2	20	210	-	3.41	V
						fin	1.00	0.00	12	5441	-	32756	10	2	9	90	-	7.24	V
45	323	Piano 1	29-28	13	2.5	Ini	1.00	0.00	231	11046	-	29825	10	2	9	145	-	2.92	V
46	324	Piano 1	32-28	5	2.5	Ini	1.00	0.00	135	9083	-	34774	10	2	9	180	-	4.33	V
47	325	Piano 1	29-30	5	2.5	Ini	1.00	0.00	415	13769	-	35130	10	2	9	150	-	2.86	V
48	326	Piano 1	29-33	5	2.5	Ini	1.00	0.00	54	8391	-	34796	10	2	9	180	-	4.69	V
49	327	Piano 1	30-31	5	2.5	Ini	1.00	0.00	152	12524	-	35181	10	2	9	90	-	3.14	V
						Med	1.00	0.00	152	12033	-	18391	10	2	20	40	-	1.47	V
						fin	1.00	0.00	152	11815	-	34406	10	2	9	90	-	3.33	V
50	328	Piano 1	43-30	9	2.5	Ini	1.00	0.00	10	12140	-	37802	10	2	9	105	-	3.83	V
						Med	1.00	0.00	10	10214	-	18912	10	2	20	390	-	2.05	V
						fin	1.00	0.00	10	12924	-	37802	10	2	9	105	-	3.59	V
51	329	Piano 1	31-44	9	2.5	Ini	1.00	0.00	11	12214	-	37783	10	2	9	105	-	3.80	V
						Med	1.00	0.00	11	10129	-	18548	10	2	20	390	-	2.06	V
						fin	1.00	0.00	11	9915	-	37438	10	2	9	105	-	4.68	V
52	330	Piano 1	32-33	5	2.5	Ini	1.00	0.00	53	4970	-	34791	10	2	9	180	-	7.92	V
53	331	Piano 1	32-37	5	2.5	Ini	1.00	0.00	85	7178	-	34773	10	2	9	180	-	5.48	V
54	332	Piano 1	33-38	5	2.5	Ini	1.00	0.00	38	6815	-	34783	10	2	9	180	-	5.78	V
55	333	Piano 1	34-39	5	2.5	Ini	1.00	0.00	526	9312	-	35115	10	2	9	90	-	4.23	V
						Med	1.00	0.00	526	10180	-	19100	10	2	20	105	-	1.74	V
						fin	1.00	0.00	526	11170	-	35115	10	2	9	90	-	3.52	V
56	334	Piano 1	35-40	5	2.5	Ini	1.00	0.00	109	10154	-	34437	10	2	9	90	-	3.88	V
						Med	1.00	0.00	109	8653	-	18422	10	2	20	105	-	2.05	V
						fin	1.00	0.00	109	10133	-	34437	10	2	9	90	-	3.89	V
57	335	Piano 1	37-36	13	2.5	Ini	1.00	0.00	109	11005	-	29992	10	2	9	115	-	2.94	V
58	336	Piano 1	36-41	5	2.5	Ini	1.00	0.00	171	14065	-	34891	10	2	9	180	-	2.80	V
59	337	Piano 1	37-38	5	2.5	Ini	1.00	0.00	40	4561	-	34780	10	2	9	180	-	8.63	V
60	338	Piano 1	45-39	13	2.5	Ini	1.00	0.00	131	8955	-	28977	10	2	9	75	-	3.61	V
						Med	1.00	0.00	131	8188	-	14802	10	2	20	180	-	1.78	V
						fin	1.00	0.00	131	7048	-	27424	10	2	9	75	-	4.58	V
61	339	Piano 1	39-49	5	2.5	Ini	1.00	0.00	44	8029	-	31693	10	2	9	90	-	4.90	V
						Med	1.00	0.00	44	6527	-	15239	10	2	20	525	-	2.71	V
						fin	1.00	0.00	44	6259	-	31254	10	2	9	90	-	6.29	V
62	340	Piano 1	41-40	9	2.5	Ini	1.00	0.00	75	10787	-	43399	10	2	9	105	-	4.31	V
						Med	1.00	0.00	75	9656	-	23093	10	2	20	100	-	2.16	V
						fin	1.00	0.00	75	10976	-	40567	10	2	9	105	-	4.23	V
63	341	Piano 1	46-40	13	2.5	Ini	1.00	0.00	61	5633	-	28415	10	2	9	75	-	5.73	V
						Med	1.00	0.00	61	5839	-	14248	10	2	20	182	-	2.49	V
						fin	1.00	0.00	61	6287	-	27388	10	2	9	75	-	5.14	V
64	342	Piano 1	41-42	5	2.5	Ini	1.00	0.00	243	14025	-	36151	10	2	9	90	-	2.81	V
						Med	1.00	0.00	243	12085	-	19427	10	2	20	85	-	1.47	V
						fin	1.00	0.00	243	14399	-	34732	10	2	9	90	-	2.73	V
65	343	Piano 1	42-43	5	2.5	Ini	1.00	0.00	367	18709	-	37008	10	2	9	150	-	2.10	V
66	344	Piano 1	43-44	5	2.5	Ini	1.00	0.00	64	13726	-	36046	10	2	9	90	-	2.87	V
						Med	1.00	0.00	64	12761	-	19256	10	2	20	40	-	1.39	V
						fin	1.00	0.00	64	13733	-	35271	10	2	9	90	-	2.87	V

67	345	Piano 1	45-46	13	2.5	Ini	1.00	0.00	18	10357	-	26399	10	2	9	75	-	3.12	V
						Med	1.00	0.00	18	8889	-	13259	10	2	20	603	-	1.64	V
						fin	1.00	0.00	18	10484	-	26399	10	2	9	75	-	3.08	V
68	401	Piano 2	1-2	5	2.5	Ini	1.00	0.00	117	8468	-	32495	10	2	9	90	-	4.65	V
						Med	1.00	0.00	117	7342	-	16049	10	2	20	275	-	2.41	V
						fin	1.00	0.00	117	9092	-	32064	10	2	9	90	-	4.33	V
69	402	Piano 2	1-7	13	2.5	Ini	1.00	0.00	214	8755	-	29911	10	2	9	75	-	3.69	V
						Med	1.00	0.00	214	8037	-	15543	10	2	20	125	-	1.81	V
						fin	1.00	0.00	214	7824	-	28068	10	2	9	75	-	4.13	V
70	403	Piano 2	2-3	5	2.5	Ini	1.00	0.00	111	9772	-	33794	10	2	9	90	-	4.03	V
						Med	1.00	0.00	111	8016	-	17187	10	2	20	165	-	2.21	V
						fin	1.00	0.00	111	9434	-	33202	10	2	9	90	-	4.17	V
71	404	Piano 2	2-8	14	2.5	Ini	1.00	0.00	366	2247	-	24492	10	2	4	36	-	13.95	V
						Med	1.00	0.00	366	2301	-	7500	10	2	15	203	-	3.63	V
						fin	1.00	0.00	366	2466	-	24492	10	2	4	36	-	12.70	V
72	405	Piano 2	3-4	5	2.5	Ini	1.00	0.00	154	8844	-	34126	10	2	9	90	-	4.45	V
						Med	1.00	0.00	154	7933	-	17482	10	2	20	140	-	2.23	V
						fin	1.00	0.00	154	7831	-	33497	10	2	9	90	-	5.03	V
73	406	Piano 2	3-9	14	2.5	Ini	1.00	0.00	316	3708	-	24498	10	2	4	36	-	8.45	V
						Med	1.00	0.00	316	3602	-	7505	10	2	15	203	-	2.32	V
						fin	1.00	0.00	316	4172	-	24498	10	2	4	36	-	7.51	V
74	407	Piano 2	4-5	5	2.5	Ini	1.00	0.00	182	6657	-	33809	10	2	9	90	-	5.91	V
						Med	1.00	0.00	182	5746	-	17794	10	2	20	115	-	3.08	V
						fin	1.00	0.00	182	6343	-	33809	10	2	9	90	-	6.21	V
75	408	Piano 2	4-13	9	2.5	Ini	1.00	0.00	172	9845	-	37627	10	2	9	105	-	4.72	V
						Med	1.00	0.00	172	8833	-	18736	10	2	20	370	-	2.37	V
						fin	1.00	0.00	172	11865	-	37627	10	2	9	105	-	3.91	V
76	409	Piano 2	5-6	5	2.5	Ini	1.00	0.00	77	7500	-	33209	10	2	9	90	-	5.25	V
						Med	1.00	0.00	77	6589	-	16683	10	2	20	220	-	2.69	V
						fin	1.00	0.00	77	6619	-	32698	10	2	9	90	-	5.95	V
77	410	Piano 2	5-14	9	2.5	Ini	1.00	0.00	161	12303	-	37640	10	2	9	105	-	3.77	V
						Med	1.00	0.00	161	10951	-	18750	10	2	20	370	-	1.91	V
						fin	1.00	0.00	161	14397	-	37640	10	2	9	105	-	3.23	V
78	411	Piano 2	6-15	9	2.5	Ini	1.00	0.00	87	11295	-	37979	10	2	9	105	-	4.11	V
						Med	1.00	0.00	87	10247	-	18719	10	2	20	370	-	2.04	V
						fin	1.00	0.00	87	13011	-	37609	10	2	9	105	-	3.57	V
79	412	Piano 2	7-8	5	2.5	Ini	1.00	0.00	125	8855	-	32536	10	2	9	90	-	4.45	V
						Med	1.00	0.00	125	8263	-	16521	10	2	20	275	-	2.14	V
						fin	1.00	0.00	125	10475	-	32536	10	2	9	90	-	3.76	V
80	413	Piano 2	7-10	13	2.5	Ini	1.00	0.00	21	8352	-	28674	10	2	9	75	-	3.87	V
						Med	1.00	0.00	21	7634	-	14920	10	2	20	125	-	1.90	V
						fin	1.00	0.00	21	6984	-	28059	10	2	9	75	-	4.63	V
81	414	Piano 2	8-9	5	2.5	Ini	1.00	0.00	174	10255	-	33769	10	2	9	90	-	3.84	V
						Med	1.00	0.00	174	8072	-	17162	10	2	20	165	-	2.19	V
						fin	1.00	0.00	174	9891	-	33177	10	2	9	90	-	3.98	V
82	415	Piano 2	8-11	5	2.5	Ini	1.00	0.00	123	7684	-	33829	10	2	9	90	-	5.12	V
						Med	1.00	0.00	123	7635	-	17814	10	2	20	95	-	2.32	V
						fin	1.00	0.00	123	8126	-	33829	10	2	9	90	-	4.84	V
83	416	Piano 2	9-12	13	2.5	Ini	1.00	0.00	69	6616	-	28060	10	2	9	75	-	4.88	V
						Med	1.00	0.00	69	5952	-	14920	10	2	20	125	-	2.44	V
						fin	1.00	0.00	69	7155	-	28060	10	2	9	75	-	4.51	V
84	417	Piano 2	10-11	5	2.5	Ini	1.00	0.00	95	8086	-	32143	10	2	9	90	-	4.87	V
						Med	1.00	0.00	95	8566	-	16128	10	2	20	275	-	2.07	V
						fin	1.00	0.00	95	10784	-	32143	10	2	9	90	-	3.65	V
85	418	Piano 2	10-16	13	2.5	Ini	1.00	0.00	178	9189	-	28694	10	2	9	75	-	3.52	V
						Med	1.00	0.00	178	8471	-	14940	10	2	20	125	-	1.72	V
						fin	1.00	0.00	178	7275	-	28080	10	2	9	75	-	4.44	V
86	419	Piano 2	11-12	5	2.5	Ini	1.00	0.00	11	10595	-	33863	10	2	9	90	-	3.72	V
						Med	1.00	0.00	11	8420	-	17249	10	2	20	160	-	2.10	V
						fin	1.00	0.00	11	9408	-	33264	10	2	9	90	-	4.18	V
87	420	Piano 2	12-13	14	2.5	Ini	1.00	0.00	182	1930	-	24522	10	2	4	36	-	16.23	V
						Med	1.00	0.00	182	1765	-	7529	10	2	15	253	-	4.73	V
						fin	1.00	0.00	182	1303	-	24522	10	2	4	36	-	24.04	V
88	421	Piano 2	12-17	13	2.5	Ini	1.00	0.00	170	7492	-	28065	10	2	9	75	-	4.31	V
						Med	1.00	0.00	170	6289	-	14925	10	2	20	125	-	2.31	V
						fin	1.00	0.00	170	7001	-	28065	10	2	9	75	-	4.61	V
89	422	Piano 2	13-14	5	2.5	Ini	1.00	0.00	226	7700	-	33697	10	2	9	90	-	5.11	V
						Med	1.00	0.00	226	7542	-	17682	10	2	20	115	-	2.35	V
						fin	1.00	0.00	226	8033	-	33697	10	2	9	90	-	4.90	V
90	423	Piano 2	13-20	9	2.5	Ini	1.00	0.00	58	10489	-	37626	10	2	9	105	-	4.43	V
						Med	1.00	0.00	58	7457	-	18735	10	2	20	370	-	2.80	V
						fin	1.00	0.00	58	10372	-	37626	10	2	9	105	-	4.48	V
91	424	Piano 2	14-15	5	2.5	Ini	1.00	0.00	82	7041	-	33102	10	2	9	90	-	5.59	V
						Med	1.00	0.00	82	6550	-	16576	10	2	20	220	-	2.70	V
						fin	1.00	0.00	82	5780	-	32591	10	2	9	90	-	6.81	V
92	425	Piano 2	14-21	9	2.5	Ini	1.00	0.00	46	13260	-	37990	10	2	9	105	-	3.50	V
						Med	1.00	0.00	46	9814	-	19100	10	2	20	370	-	2.13	V
						fin	1.00	0.00	46	13077	-	37990	10	2	9	105	-	3.55	V
93	426	Piano 2	15-22	9	2.5	Ini	1.00	0.00	6	11881	-	37964	10	2	9	105	-	3.91	V
						Med	1.00	0.00	6	9117	-	18704	10	2	20	370	-	2.29	V
						fin	1.00	0.00	6	11646	-	37594	10	2	9	105	-	3.99	V
94	427	Piano 2	16-17	9	2.5	Ini	1.00	0.00	9	12471	-	36975	10	2	9	105	-	3.72	V
						Med	1.00	0.00	9	10690	-	17866	10	2	20	650	-	1.95	V
						fin	1.00	0.00	9	13249	-	36317	10	2	9	105	-	3.51	V
95	428	Piano 2	16-18	13	2.5	Ini	1.00	0.00	182	8307	-	29303	10	2	9	75	-	3.89	V
						Med	1.00	0.00	182	7589	-	16164	10	2	20	125	-	1.92	V
						fin	1.00	0.00	182	7880	-	29303	10	2	9	75	-	4.10	V
96	429	Piano 2	17-19	13	2.5	Ini	1.00	0.00	132	8028	-	28688	10	2	9	75	-	4.02	V
						Med	1.00	0.00	132	6898	-	15548	10	2	20	125	-	2.11	V
						fin	1.00	0.00	132	8093	-	28688	10	2	9	75	-	3.99	V
97	430	Piano 2	18-19	9	2.5	Ini	1.00	0.00	14	12332	-	37030	10	2	9	105	-	3.77	V
						Med	1.00	0.00	14	10869	-	17920	10	2	20	650	-	1.92	V
						fin	1.00	0.00	14	13446	-	36372	10	2	9	105	-	3.45	V
98	431	Piano 2	18-23	13	2.5	Ini	1.00	0.00	123	8126	-	29290	10	2	9	75	-	3.98	V
						Med	1.00	0.00	123	7408	-	16151	10	2	20	125	-	1.96	V

						fin	1.00	0.00	123	8024	-	29290	10	2	9	75	-	4.03	V
99	432	Piano 2	19-20	14	2.5	Ini	1.00	0.00	16	2150	-	24598	10	2	4	36	-	14.57	V
						Med	1.00	0.00	16	1984	-	7605	10	2	15	218	-	4.21	V
						fin	1.00	0.00	16	1317	-	24598	10	2	4	36	-	23.78	V
100	433	Piano 2	19-24	13	2.5	Ini	1.00	0.00	156	7712	-	28074	10	2	9	75	-	4.19	V
						Med	1.00	0.00	156	6971	-	14934	10	2	20	125	-	2.09	V
						fin	1.00	0.00	156	8166	-	28074	10	2	9	75	-	3.96	V
101	434	Piano 2	20-21	5	2.5	Ini	1.00	0.00	112	8691	-	34570	10	2	9	90	-	4.53	V
						Med	1.00	0.00	112	8200	-	17889	10	2	20	115	-	2.16	V
						fin	1.00	0.00	112	7572	-	33904	10	2	9	90	-	5.20	V
102	435	Piano 2	20-27	9	2.5	Ini	1.00	0.00	9	11145	-	37629	10	2	9	105	-	4.17	V
						Med	1.00	0.00	9	8119	-	18739	10	2	20	370	-	2.57	V
						fin	1.00	0.00	9	10338	-	37629	10	2	9	105	-	4.49	V
103	436	Piano 2	21-29	9	2.5	Ini	1.00	0.00	3	13608	-	37976	10	2	9	105	-	3.41	V
						Med	1.00	0.00	3	10162	-	18716	10	2	20	370	-	2.06	V
						fin	1.00	0.00	3	12109	-	37606	10	2	9	105	-	3.84	V
104	437	Piano 2	21-50	5	2.5	Ini	1.00	0.00	15	19986	-	35770	10	2	9	90	-	1.97	V
105	438	Piano 2	22-31	9	2.5	Ini	1.00	0.00	11	11764	-	37968	10	2	9	105	-	3.95	V
						Med	1.00	0.00	11	9000	-	18708	10	2	20	370	-	2.32	V
						fin	1.00	0.00	11	11741	-	37598	10	2	9	105	-	3.96	V
106	439	Piano 2	50-22	5	2.5	Ini	1.00	0.00	3	12139	-	34893	10	2	9	90	-	3.24	V
						Med	1.00	0.00	3	11648	-	18139	10	2	20	65	-	1.52	V
						fin	1.00	0.00	3	11293	-	34154	10	2	9	90	-	3.49	V
107	440	Piano 2	23-24	9	2.5	Ini	1.00	0.00	34	12566	-	37224	10	2	9	105	-	3.70	V
						Med	1.00	0.00	34	11035	-	18114	10	2	20	650	-	1.89	V
						fin	1.00	0.00	34	13611	-	37005	10	2	9	105	-	3.41	V
108	441	Piano 2	23-25	13	2.5	Ini	1.00	0.00	215	7878	-	29294	10	2	9	75	-	4.10	V
						Med	1.00	0.00	215	7382	-	16154	10	2	20	125	-	1.97	V
						fin	1.00	0.00	215	8100	-	29294	10	2	9	75	-	3.99	V
109	442	Piano 2	24-26	13	2.5	Ini	1.00	0.00	275	7993	-	28690	10	2	9	75	-	4.04	V
						Med	1.00	0.00	275	6798	-	15550	10	2	20	125	-	2.14	V
						fin	1.00	0.00	275	7962	-	28690	10	2	9	75	-	4.06	V
110	443	Piano 2	25-26	9	2.5	Ini	1.00	0.00	50	12771	-	33791	10	2	10	105	-	3.27	V
						Med	1.00	0.00	50	11515	-	18081	10	2	20	650	-	1.81	V
						fin	1.00	0.00	50	14118	-	33513	10	2	10	105	-	2.96	V
111	444	Piano 2	25-34	13	2.5	Ini	1.00	0.00	52	7362	-	29162	10	2	9	75	-	4.39	V
						Med	1.00	0.00	52	7463	-	15425	10	2	20	135	-	1.95	V
						fin	1.00	0.00	52	8181	-	28565	10	2	9	75	-	3.95	V
112	445	Piano 2	26-27	14	2.5	Ini	1.00	0.00	155	2355	-	24580	10	2	4	36	-	13.30	V
						Med	1.00	0.00	155	2189	-	7587	10	2	15	228	-	3.82	V
						fin	1.00	0.00	155	1687	-	24580	10	2	4	36	-	18.57	V
113	446	Piano 2	26-35	13	2.5	Ini	1.00	0.00	47	7916	-	27945	10	2	9	75	-	4.08	V
						Med	1.00	0.00	47	6779	-	14805	10	2	20	135	-	2.14	V
						fin	1.00	0.00	47	7974	-	27945	10	2	9	75	-	4.05	V
114	447	Piano 2	28-27	13	2.5	Ini	1.00	0.00	64	15110	-	30777	10	2	9	90	-	2.14	V
115	448	Piano 2	27-36	5	2.5	Ini	1.00	0.00	81	6395	-	32737	10	2	9	90	-	6.16	V
						Med	1.00	0.00	81	4895	-	16722	10	2	20	210	-	3.62	V
						fin	1.00	0.00	81	5266	-	32737	10	2	9	90	-	7.48	V
116	449	Piano 2	29-28	13	2.5	Ini	1.00	0.00	18	13650	-	30729	10	2	9	145	-	2.37	V
117	450	Piano 2	32-28	5	2.5	Ini	1.00	0.00	142	7939	-	34773	10	2	9	180	-	4.96	V
118	451	Piano 2	29-30	5	2.5	Ini	1.00	0.00	310	14787	-	35325	10	2	9	150	-	2.66	V
119	452	Piano 2	29-33	5	2.5	Ini	1.00	0.00	255	6822	-	34827	10	2	9	180	-	5.77	V
120	453	Piano 2	30-31	5	2.5	Ini	1.00	0.00	90	12847	-	35257	10	2	9	90	-	3.06	V
						Med	1.00	0.00	90	12356	-	18467	10	2	20	40	-	1.43	V
						fin	1.00	0.00	90	12138	-	34482	10	2	9	90	-	3.24	V
121	454	Piano 2	30-43	9	2.5	Ini	1.00	0.00	96	11987	-	37397	10	2	9	105	-	3.87	V
						Med	1.00	0.00	96	9277	-	18507	10	2	20	390	-	2.25	V
						fin	1.00	0.00	96	11300	-	37397	10	2	9	105	-	4.11	V
122	455	Piano 2	31-44	9	2.5	Ini	1.00	0.00	75	10986	-	37721	10	2	9	105	-	4.23	V
						Med	1.00	0.00	75	8972	-	18486	10	2	20	390	-	2.33	V
						fin	1.00	0.00	75	9185	-	37376	10	2	9	105	-	5.06	V
123	456	Piano 2	32-33	5	2.5	Ini	1.00	0.00	290	5375	-	34790	10	2	9	180	-	7.33	V
124	457	Piano 2	32-37	5	2.5	Ini	1.00	0.00	233	6498	-	34832	10	2	9	180	-	6.06	V
125	458	Piano 2	33-38	5	2.5	Ini	1.00	0.00	126	5926	-	34790	10	2	9	180	-	6.64	V
126	459	Piano 2	34-35	9	2.5	Ini	1.00	0.00	84	13385	-	34018	10	2	10	105	-	3.12	V
						Med	1.00	0.00	84	11854	-	18308	10	2	20	650	-	1.76	V
						fin	1.00	0.00	84	14483	-	33741	10	2	10	105	-	2.88	V
127	460	Piano 2	34-39	13	2.5	Ini	1.00	0.00	309	6574	-	28594	10	2	9	75	-	4.91	V
						Med	1.00	0.00	309	7571	-	14857	10	2	20	135	-	1.92	V
						fin	1.00	0.00	309	8289	-	27997	10	2	9	75	-	3.90	V
128	461	Piano 2	35-40	13	2.5	Ini	1.00	0.00	296	7140	-	27957	10	2	9	75	-	4.52	V
						Med	1.00	0.00	296	6015	-	14817	10	2	20	135	-	2.42	V
						fin	1.00	0.00	296	7657	-	27957	10	2	9	75	-	4.22	V
129	462	Piano 2	37-36	13	2.5	Ini	1.00	0.00	423	11114	-	30034	10	2	9	115	-	2.91	V
130	463	Piano 2	36-41	5	2.5	Ini	1.00	0.00	369	10578	-	34773	10	2	9	180	-	3.72	V
131	464	Piano 2	37-38	5	2.5	Ini	1.00	0.00	102	5100	-	34792	10	2	9	180	-	7.72	V
132	465	Piano 2	45-39	13	2.5	Ini	1.00	0.00	136	6032	-	27480	10	2	9	75	-	5.36	V
						Med	1.00	0.00	136	5678	-	14340	10	2	20	180	-	2.56	V
						fin	1.00	0.00	136	4826	-	27480	10	2	9	75	-	6.69	V
133	466	Piano 2	39-49	9	2.5	Ini	1.00	0.00	58	12860	-	36758	10	2	9	105	-	3.61	V
						Med	1.00	0.00	58	10044	-	17429	10	2	20	495	-	2.08	V
						fin	1.00	0.00	58	9931	-	36319	10	2	9	105	-	4.68	V
134	467	Piano 2	40-41	9	2.5	Ini	1.00	0.00	131	10857	-	40577	10	2	9	105	-	4.28	V
						Med	1.00	0.00	131	9736	-	21687	10	2	20	100	-	2.15	V
						fin	1.00	0.00	131	10119	-	40577	10	2	9	105	-	4.59	V
135	468	Piano 2	46-40	5	2.5	Ini	1.00	0.00	95	4440	-	33269	10	2	9	90	-	8.87	V
						Med	1.00	0.00	95	4729	-	17254	10	2	20	152	-	3.75	V
						fin	1.00	0.00	95	5331	-	33269	10	2	9	90	-	7.39	V
136	469	Piano 2	41-42	5	2.5	Ini	1.00	0.00	77	13610	-	35961	10	2	9	90	-	2.89	V
						Med	1.00	0.00	77	11744	-	18557	10	2	20	95	-	1.51	V
						fin	1.00	0.00	77	13929	-	34572	10	2	9	90	-	2.83	V
137	470	Piano 2	42-43	5	2.5	Ini	1.00	0.00	45	20224	-	36918	10	2	9	150	-	1.95	V
138	471	Piano 2	43-44	5	2.5	Ini	1.00	0.00	161	14137	-	35971	10	2	9	90	-	2.78	V
						Med	1.00	0.00	161	14292	-	19181	10	2	20	40	-	1.24	V
						fin	1.00	0.00	161	15203	-	35196	10	2	9	90	-	2.59	V

139	472	Piano 2	45-46	5	2.5	Ini	1.00	0.00	24	9032	-	31246	10	2	9	90	-	4.36	V
						Med	1.00	0.00	24	7694	-	15231	10	2	20	573	-	2.30	V
						fin	1.00	0.00	24	9196	-	31246	10	2	9	90	-	4.28	V
140	519	Piano 3	1-2	5	2.5	Ini	1.00	0.00	145	6074	-	32149	10	2	9	90	-	6.48	V
						Med	1.00	0.00	145	5243	-	16134	10	2	20	275	-	3.38	V
						fin	1.00	0.00	145	6573	-	32149	10	2	9	90	-	5.99	V
141	520	Piano 3	1-7	13	2.5	Ini	1.00	0.00	218	3822	-	28098	10	2	9	75	-	8.45	V
						Med	1.00	0.00	218	3469	-	14958	10	2	20	125	-	4.19	V
						fin	1.00	0.00	218	2918	-	28098	10	2	9	75	-	11.07	V
142	521	Piano 3	2-3	5	2.5	Ini	1.00	0.00	101	6279	-	33176	10	2	9	90	-	6.27	V
						Med	1.00	0.00	101	4943	-	17161	10	2	20	165	-	3.58	V
						fin	1.00	0.00	101	5830	-	33176	10	2	9	90	-	6.75	V
143	522	Piano 3	2-8	14	2.5	Ini	1.00	0.00	387	1443	-	24500	10	2	4	36	-	21.72	V
						Med	1.00	0.00	387	1391	-	7507	10	2	15	203	-	6.01	V
						fin	1.00	0.00	387	1557	-	24500	10	2	4	36	-	20.13	V
144	523	Piano 3	3-4	5	2.5	Ini	1.00	0.00	163	5577	-	33394	10	2	9	90	-	7.06	V
						Med	1.00	0.00	163	5085	-	17379	10	2	20	140	-	3.48	V
						fin	1.00	0.00	163	4448	-	33394	10	2	9	90	-	8.85	V
145	524	Piano 3	3-9	14	2.5	Ini	1.00	0.00	316	2702	-	24509	10	2	4	36	-	11.60	V
						Med	1.00	0.00	316	2755	-	7516	10	2	15	203	-	3.03	V
						fin	1.00	0.00	316	3325	-	24509	10	2	4	36	-	9.42	V
146	525	Piano 3	4-5	5	2.5	Ini	1.00	0.00	251	3184	-	33657	10	2	9	90	-	12.37	V
						Med	1.00	0.00	251	2791	-	17642	10	2	20	115	-	6.35	V
						fin	1.00	0.00	251	3283	-	33657	10	2	9	90	-	11.99	V
147	526	Piano 3	4-13	9	2.5	Ini	1.00	0.00	213	8021	-	37685	10	2	9	105	-	5.79	V
						Med	1.00	0.00	213	7575	-	18795	10	2	20	370	-	2.76	V
						fin	1.00	0.00	213	10609	-	36945	10	2	9	105	-	4.38	V
148	527	Piano 3	5-6	5	2.5	Ini	1.00	0.00	90	4365	-	32642	10	2	9	90	-	9.02	V
						Med	1.00	0.00	90	3873	-	16627	10	2	20	220	-	4.57	V
						fin	1.00	0.00	90	3805	-	32642	10	2	9	90	-	10.35	V
149	528	Piano 3	5-14	9	2.5	Ini	1.00	0.00	196	9656	-	37758	10	2	9	105	-	4.81	V
						Med	1.00	0.00	196	9079	-	18868	10	2	20	370	-	2.30	V
						fin	1.00	0.00	196	12525	-	37018	10	2	9	105	-	3.71	V
150	529	Piano 3	6-15	9	2.5	Ini	1.00	0.00	98	7722	-	37709	10	2	9	105	-	6.01	V
						Med	1.00	0.00	98	7340	-	18819	10	2	20	370	-	2.85	V
						fin	1.00	0.00	98	9634	-	37709	10	2	9	105	-	4.82	V
151	530	Piano 3	7-8	5	2.5	Ini	1.00	0.00	179	7329	-	32200	10	2	9	90	-	5.37	V
						Med	1.00	0.00	179	6691	-	16185	10	2	20	275	-	2.65	V
						fin	1.00	0.00	179	8866	-	32200	10	2	9	90	-	4.44	V
152	531	Piano 3	7-10	13	2.5	Ini	1.00	0.00	137	3648	-	28163	10	2	9	75	-	8.86	V
						Med	1.00	0.00	137	3294	-	15023	10	2	20	125	-	4.41	V
						fin	1.00	0.00	137	2981	-	28163	10	2	9	75	-	10.84	V
153	532	Piano 3	8-9	5	2.5	Ini	1.00	0.00	199	8248	-	33224	10	2	9	90	-	4.77	V
						Med	1.00	0.00	199	6065	-	17209	10	2	20	165	-	2.92	V
						fin	1.00	0.00	199	6996	-	33224	10	2	9	90	-	5.63	V
154	533	Piano 3	8-11	5	2.5	Ini	1.00	0.00	249	3122	-	33860	10	2	9	90	-	12.61	V
						Med	1.00	0.00	249	2933	-	17845	10	2	20	95	-	6.04	V
						fin	1.00	0.00	249	3424	-	33860	10	2	9	90	-	11.50	V
155	534	Piano 3	9-12	13	2.5	Ini	1.00	0.00	117	3723	-	28097	10	2	9	75	-	8.68	V
						Med	1.00	0.00	117	2793	-	14957	10	2	20	125	-	5.20	V
						fin	1.00	0.00	117	3996	-	28097	10	2	9	75	-	8.08	V
156	535	Piano 3	10-11	5	2.5	Ini	1.00	0.00	140	6741	-	32153	10	2	9	90	-	5.84	V
						Med	1.00	0.00	140	7036	-	16138	10	2	20	275	-	2.52	V
						fin	1.00	0.00	140	9216	-	32153	10	2	9	90	-	4.27	V
157	536	Piano 3	10-16	13	2.5	Ini	1.00	0.00	197	3930	-	28195	10	2	9	75	-	8.22	V
						Med	1.00	0.00	197	3577	-	15055	10	2	20	125	-	4.06	V
						fin	1.00	0.00	197	2988	-	28195	10	2	9	75	-	10.81	V
158	537	Piano 3	11-12	5	2.5	Ini	1.00	0.00	49	8520	-	33195	10	2	9	90	-	4.62	V
						Med	1.00	0.00	49	6346	-	17180	10	2	20	160	-	2.79	V
						fin	1.00	0.00	49	6773	-	33195	10	2	9	90	-	5.81	V
159	538	Piano 3	12-13	14	2.5	Ini	1.00	0.00	292	1751	-	24515	10	2	4	36	-	17.89	V
						Med	1.00	0.00	292	1586	-	7522	10	2	15	253	-	5.27	V
						fin	1.00	0.00	292	1031	-	24515	10	2	4	36	-	30.38	V
160	539	Piano 3	12-17	13	2.5	Ini	1.00	0.00	401	4512	-	28065	10	2	9	75	-	7.16	V
						Med	1.00	0.00	401	3308	-	14925	10	2	20	125	-	4.39	V
						fin	1.00	0.00	401	4090	-	28065	10	2	9	75	-	7.90	V
161	540	Piano 3	13-14	5	2.5	Ini	1.00	0.00	322	4603	-	33690	10	2	9	90	-	8.55	V
						Med	1.00	0.00	322	4957	-	17675	10	2	20	115	-	3.57	V
						fin	1.00	0.00	322	5449	-	33690	10	2	9	90	-	7.23	V
162	541	Piano 3	13-20	9	2.5	Ini	1.00	0.00	120	9689	-	37661	10	2	9	105	-	4.79	V
						Med	1.00	0.00	120	6657	-	18771	10	2	20	370	-	3.14	V
						fin	1.00	0.00	120	9160	-	37661	10	2	9	105	-	5.07	V
163	542	Piano 3	14-15	5	2.5	Ini	1.00	0.00	111	5277	-	32597	10	2	9	90	-	7.46	V
						Med	1.00	0.00	111	4785	-	16582	10	2	20	220	-	3.70	V
						fin	1.00	0.00	111	4302	-	32597	10	2	9	90	-	9.15	V
164	543	Piano 3	14-21	9	2.5	Ini	1.00	0.00	102	11593	-	38111	10	2	9	105	-	4.01	V
						Med	1.00	0.00	102	8146	-	18851	10	2	20	370	-	2.57	V
						fin	1.00	0.00	102	10808	-	37742	10	2	9	105	-	4.30	V
165	544	Piano 3	15-22	9	2.5	Ini	1.00	0.00	41	8340	-	37690	10	2	9	105	-	5.57	V
						Med	1.00	0.00	41	6046	-	18799	10	2	20	370	-	3.46	V
						fin	1.00	0.00	41	8029	-	37690	10	2	9	105	-	5.78	V
166	545	Piano 3	16-17	9	2.5	Ini	1.00	0.00	14	12080	-	36958	10	2	9	105	-	3.84	V
						Med	1.00	0.00	14	10085	-	17848	10	2	20	650	-	2.07	V
						fin	1.00	0.00	14	12645	-	36300	10	2	9	105	-	3.67	V
167	546	Piano 3	16-18	13	2.5	Ini	1.00	0.00	229	3501	-	28244	10	2	9	75	-	9.23	V
						Med	1.00	0.00	229	3147	-	15104	10	2	20	125	-	4.62	V
						fin	1.00	0.00	229	3334	-	28244	10	2	9	75	-	9.69	V
168	547	Piano 3	17-19	13	2.5	Ini	1.00	0.00	270	4424	-	28076	10	2	9	75	-	7.30	V
						Med	1.00	0.00	270	3264	-	14936	10	2	20	125	-	4.45	V
						fin	1.00	0.00	270	4459	-	28076	10	2	9	75	-	7.24	V
169	548	Piano 3	18-19	9	2.5	Ini	1.00	0.00	14	11997	-	36915	10	2	9	105	-	3.87	V
						Med	1.00	0.00	14	10256	-	17805	10	2	20	650	-	2.04	V
						fin	1.00	0.00	14	12832	-	36257	10	2	9	105	-	3.62	V
170	549	Piano 3	18-23	13	2.5	Ini	1.00	0.00	216	3403	-	28256	10	2	9	75	-	9.49	V
						Med	1.00	0.00	216	3064	-	15116	10	2	20	125	-	4.74	V

						fin	1.00	0.00	216	3417	-	28256	10	2	9	75	-	9.45	V
171	550	Piano 3	19-20	14	2.5	Ini	1.00	0.00	25	2228	-	24577	10	2	4	36	-	14.06	V
						Med	1.00	0.00	25	2062	-	7584	10	2	15	218	-	4.05	V
						fin	1.00	0.00	25	1273	-	24577	10	2	4	36	-	24.61	V
172	551	Piano 3	19-24	13	2.5	Ini	1.00	0.00	282	4235	-	28061	10	2	9	75	-	7.63	V
						Med	1.00	0.00	282	3425	-	14921	10	2	20	125	-	4.24	V
						fin	1.00	0.00	282	4620	-	28061	10	2	9	75	-	6.99	V
173	552	Piano 3	20-21	5	2.5	Ini	1.00	0.00	182	7146	-	33676	10	2	9	90	-	5.51	V
						Med	1.00	0.00	182	6655	-	17661	10	2	20	115	-	2.66	V
						fin	1.00	0.00	182	6710	-	33676	10	2	9	90	-	5.87	V
174	553	Piano 3	20-27	9	2.5	Ini	1.00	0.00	23	10182	-	37597	10	2	9	105	-	4.56	V
						Med	1.00	0.00	23	7155	-	18707	10	2	20	370	-	2.92	V
						fin	1.00	0.00	23	9532	-	37597	10	2	9	105	-	4.87	V
175	554	Piano 3	21-29	9	2.5	Ini	1.00	0.00	7	12487	-	37985	10	2	9	105	-	3.72	V
						Med	1.00	0.00	7	9041	-	18725	10	2	20	370	-	2.31	V
						fin	1.00	0.00	7	10621	-	37615	10	2	9	105	-	4.37	V
176	555	Piano 3	21-50	5	2.5	Ini	1.00	0.00	37	13059	-	36563	10	2	9	90	-	3.01	V
177	556	Piano 3	22-31	9	2.5	Ini	1.00	0.00	45	8179	-	37694	10	2	9	105	-	5.68	V
						Med	1.00	0.00	45	5958	-	18803	10	2	20	370	-	3.51	V
						fin	1.00	0.00	45	8252	-	37694	10	2	9	105	-	5.63	V
178	557	Piano 3	50-22	5	2.5	Ini	1.00	0.00	7	9397	-	34400	10	2	9	90	-	4.19	V
						Med	1.00	0.00	7	8905	-	18385	10	2	20	65	-	1.99	V
						fin	1.00	0.00	7	8550	-	34400	10	2	9	90	-	4.60	V
179	558	Piano 3	23-24	9	2.5	Ini	1.00	0.00	47	12229	-	36971	10	2	9	105	-	3.80	V
						Med	1.00	0.00	47	10417	-	17862	10	2	20	650	-	2.01	V
						fin	1.00	0.00	47	12994	-	36313	10	2	9	105	-	3.57	V
180	559	Piano 3	23-25	13	2.5	Ini	1.00	0.00	388	3273	-	28250	10	2	9	75	-	9.87	V
						Med	1.00	0.00	388	3115	-	15111	10	2	20	125	-	4.67	V
						fin	1.00	0.00	388	3468	-	28250	10	2	9	75	-	9.32	V
181	560	Piano 3	24-26	13	2.5	Ini	1.00	0.00	491	4555	-	28066	10	2	9	75	-	7.09	V
						Med	1.00	0.00	491	3360	-	14926	10	2	20	125	-	4.33	V
						fin	1.00	0.00	491	4416	-	28066	10	2	9	75	-	7.31	V
182	561	Piano 3	25-26	9	2.5	Ini	1.00	0.00	65	12408	-	36905	10	2	9	105	-	3.74	V
						Med	1.00	0.00	65	10836	-	17795	10	2	20	650	-	1.93	V
						fin	1.00	0.00	65	13439	-	36247	10	2	9	105	-	3.46	V
183	562	Piano 3	25-34	13	2.5	Ini	1.00	0.00	114	3003	-	28099	10	2	9	75	-	10.76	V
						Med	1.00	0.00	114	3005	-	14959	10	2	20	135	-	4.84	V
						fin	1.00	0.00	114	3358	-	28099	10	2	9	75	-	9.62	V
184	563	Piano 3	26-27	14	2.5	Ini	1.00	0.00	207	2242	-	24604	10	2	4	36	-	13.97	V
						Med	1.00	0.00	207	2077	-	7612	10	2	15	228	-	4.02	V
						fin	1.00	0.00	207	1415	-	24604	10	2	4	36	-	22.15	V
185	564	Piano 3	26-35	13	2.5	Ini	1.00	0.00	95	4292	-	27938	10	2	9	75	-	7.53	V
						Med	1.00	0.00	95	3271	-	14798	10	2	20	135	-	4.44	V
						fin	1.00	0.00	95	4466	-	27938	10	2	9	75	-	7.23	V
186	565	Piano 3	28-27	13	2.5	Ini	1.00	0.00	198	10825	-	31003	10	2	9	90	-	2.98	V
187	566	Piano 3	27-36	5	2.5	Ini	1.00	0.00	132	7623	-	32743	10	2	9	90	-	5.16	V
						Med	1.00	0.00	132	5034	-	16728	10	2	20	210	-	3.52	V
						fin	1.00	0.00	132	6548	-	32743	10	2	9	90	-	6.01	V
188	567	Piano 3	29-28	13	2.5	Ini	1.00	0.00	114	12301	-	29948	10	2	9	145	-	2.63	V
189	568	Piano 3	32-28	5	2.5	Ini	1.00	0.00	318	4793	-	34807	10	2	9	180	-	8.21	V
190	569	Piano 3	29-30	5	2.5	Ini	1.00	0.00	225	9934	-	35451	10	2	9	150	-	3.96	V
191	570	Piano 3	29-33	5	2.5	Ini	1.00	0.00	391	5728	-	34915	10	2	9	180	-	6.87	V
192	571	Piano 3	30-31	5	2.5	Ini	1.00	0.00	340	8923	-	34431	10	2	9	90	-	4.41	V
						Med	1.00	0.00	340	8432	-	18416	10	2	20	40	-	2.10	V
						fin	1.00	0.00	340	8213	-	34431	10	2	9	90	-	4.79	V
193	572	Piano 3	43-30	9	2.5	Ini	1.00	0.00	173	9603	-	37381	10	2	9	105	-	4.84	V
						Med	1.00	0.00	173	7562	-	18491	10	2	20	390	-	2.76	V
						fin	1.00	0.00	173	10272	-	36691	10	2	9	105	-	4.52	V
194	573	Piano 3	31-44	9	2.5	Ini	1.00	0.00	145	7346	-	37461	10	2	9	105	-	6.32	V
						Med	1.00	0.00	145	5802	-	18571	10	2	20	390	-	3.60	V
						fin	1.00	0.00	145	5608	-	37461	10	2	9	105	-	8.28	V
195	574	Piano 3	32-33	5	2.5	Ini	1.00	0.00	511	3816	-	34788	10	2	9	180	-	10.32	V
196	575	Piano 3	32-37	5	2.5	Ini	1.00	0.00	370	4307	-	34853	10	2	9	180	-	9.14	V
197	576	Piano 3	33-38	5	2.5	Ini	1.00	0.00	203	4223	-	34827	10	2	9	180	-	9.32	V
198	577	Piano 3	34-35	9	2.5	Ini	1.00	0.00	104	12964	-	37407	10	2	9	105	-	3.58	V
						Med	1.00	0.00	104	11134	-	18516	10	2	20	650	-	1.88	V
						fin	1.00	0.00	104	13763	-	37407	10	2	9	105	-	3.37	V
199	578	Piano 3	34-39	13	2.5	Ini	1.00	0.00	423	3724	-	28033	10	2	9	75	-	8.67	V
						Med	1.00	0.00	423	4360	-	14894	10	2	20	135	-	3.33	V
						fin	1.00	0.00	423	4713	-	28033	10	2	9	75	-	6.85	V
200	579	Piano 3	35-40	13	2.5	Ini	1.00	0.00	566	4843	-	27959	10	2	9	75	-	6.67	V
						Med	1.00	0.00	566	3663	-	14820	10	2	20	135	-	3.97	V
						fin	1.00	0.00	566	4592	-	27959	10	2	9	75	-	7.04	V
201	580	Piano 3	37-36	13	2.5	Ini	1.00	0.00	739	8100	-	30081	10	2	9	115	-	3.99	V
202	581	Piano 3	36-41	5	2.5	Ini	1.00	0.00	593	6830	-	34773	10	2	9	180	-	5.76	V
203	582	Piano 3	37-38	5	2.5	Ini	1.00	0.00	172	4053	-	34797	10	2	9	180	-	9.71	V
204	583	Piano 3	39-49	9	2.5	Ini	1.00	0.00	85	7924	-	36536	10	2	9	105	-	5.86	V
						Med	1.00	0.00	85	6258	-	17646	10	2	20	495	-	3.34	V
						fin	1.00	0.00	85	6548	-	36536	10	2	9	105	-	7.09	V
205	584	Piano 3	40-41	9	2.5	Ini	1.00	0.00	374	6998	-	40904	10	2	9	105	-	6.64	V
						Med	1.00	0.00	374	6346	-	22014	10	2	20	100	-	3.29	V
						fin	1.00	0.00	374	6671	-	40904	10	2	9	105	-	6.96	V
206	585	Piano 3	41-42	5	2.5	Ini	1.00	0.00	112	10969	-	34749	10	2	9	90	-	3.59	V
						Med	1.00	0.00	112	9191	-	18039	10	2	20	95	-	1.93	V
						fin	1.00	0.00	112	11326	-	34054	10	2	9	90	-	3.48	V
207	586	Piano 3	42-43	5	2.5	Ini	1.00	0.00	331	13622	-	35423	10	2	9	150	-	2.89	V
208	587	Piano 3	43-44	5	2.5	Ini	1.00	0.00	276	9825	-	34529	10	2	9	90	-	4.01	V
						Med	1.00	0.00	276	10044	-	18514	10	2	20	40	-	1.76	V
						fin	1.00	0.00	276	10535	-	34529	10	2	9	90	-	3.74	V
209	632	Piano 4	20-21	13	2.5	Ini	1.00	0.00	17	5619	-	28176	10	2	9	75	-	5.75	V
						Med	1.00	0.00	17	6346	-	14492	10	2	20	165	-	2.29	V
						fin	1.00	0.00	17	6677	-	27632	10	2	9	75	-	4.84	V
210	633	Piano 4	47-20	10	2.5	Ini	1.00	0.00	5	1354	-	23137	10	2	8	60	-	20.97	V
						Med	1.00	0.00	5	1862	-	10540	10	2	20	145	-	6.10	V
						fin	1.00	0.00	5	2175	-	23137	10	2	8	60	-	13.05	V

211	634	Piano 4	48-21	10	2.5	Ini	1.00	0.00	1	3179	-	25378	10	2	8	60	-	8.93	V
						Med	1.00	0.00	1	6309	-	12780	10	2	20	145	-	1.80	V
						fin	1.00	0.00	1	8091	-	25378	10	2	8	60	-	3.51	V
212	635	Piano 4	27-29	5	2.5	Ini	1.00	0.00	84	4502	-	33835	10	2	9	90	-	8.75	V
						Med	1.00	0.00	84	4602	-	17820	10	2	20	95	-	3.85	V
						fin	1.00	0.00	84	5066	-	33835	10	2	9	90	-	7.77	V
213	636	Piano 4	27-41	5	2.5	Ini	1.00	0.00	110	4866	-	30649	10	2	9	90	-	8.09	V
						Med	1.00	0.00	110	3744	-	14634	10	2	20	420	-	4.73	V
						fin	1.00	0.00	110	4131	-	30649	10	2	9	90	-	9.53	V
214	637	Piano 4	27-47	10	2.5	Ini	1.00	0.00	107	4743	-	23640	10	2	8	60	-	5.99	V
						Med	1.00	0.00	107	3986	-	10528	10	2	20	145	-	2.85	V
						fin	1.00	0.00	107	1887	-	23126	10	2	8	60	-	15.04	V
215	638	Piano 4	29-30	5	2.5	Ini	1.00	0.00	117	9265	-	35311	10	2	9	150	-	4.25	V
216	639	Piano 4	29-33	5	2.5	Ini	1.00	0.00	267	6096	-	34172	10	2	9	180	-	6.46	V
217	640	Piano 4	29-48	10	2.5	Ini	1.00	0.00	125	11243	-	27055	10	2	8	60	-	2.52	V
						Med	1.00	0.00	125	9409	-	16780	10	2	14	145	-	1.72	V
						fin	1.00	0.00	125	3749	-	24451	10	2	8	60	-	7.55	V
218	641	Piano 4	30-43	5	2.5	Ini	1.00	0.00	91	4254	-	30693	10	2	9	90	-	9.25	V
						Med	1.00	0.00	91	3320	-	14678	10	2	20	420	-	5.34	V
						fin	1.00	0.00	91	3913	-	30693	10	2	9	90	-	10.06	V
219	642	Piano 4	32-33	5	2.5	Ini	1.00	0.00	134	1874	-	34805	10	2	9	180	-	21.01	V
220	643	Piano 4	32-37	5	2.5	Ini	1.00	0.00	164	2933	-	34776	10	2	9	180	-	13.42	V
221	644	Piano 4	33-38	5	2.5	Ini	1.00	0.00	41	2962	-	34950	10	2	9	180	-	13.29	V
222	645	Piano 4	37-38	5	2.5	Ini	1.00	0.00	172	2315	-	34831	10	2	9	180	-	17.01	V
223	646	Piano 4	38-42	5	2.5	Ini	1.00	0.00	407	5866	-	34950	10	2	9	180	-	6.71	V
224	647	Piano 4	41-42	5	2.5	Ini	1.00	0.00	195	6260	-	33899	10	2	9	90	-	6.29	V
						Med	1.00	0.00	195	5795	-	17884	10	2	20	95	-	3.06	V
						fin	1.00	0.00	195	5901	-	33899	10	2	9	90	-	6.67	V
225	648	Piano 4	42-43	5	2.5	Ini	1.00	0.00	156	5242	-	35126	10	2	9	150	-	7.51	V
226	649	Piano 4	47-48	8	2.5	Ini	1.00	0.00	75	441	-	20965	10	2	4	32	-	60.23	V
						Med	1.00	0.00	75	1570	-	7366	10	2	13	287	-	5.21	V
						fin	1.00	0.00	75	1823	-	20965	10	2	4	32	-	14.57	V

4.3.2.1.6 Verifiche SLD - Torsione

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;
Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Aree ferro:
A_{Staffe} : valore dell'area delle staffe della sezione;
A_{Long} : valore dell'area dell'armatura longitudinale disposta per torsione;
Momenti Torcenti:
Mt_S : valore del Momento Torcente sollecitante di calcolo;
Mt_R : valore del Momento Torcente resistente di calcolo;
S : Coefficiente di sicurezza;

Tabella 20.I

4.3.2.1.7 Verifiche SLD - Taglio-Torsione

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;

Blocco:
Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;

Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Tag_Tor : $T_{Ed} / T_{Rcd} + V_{Ed} / V_{Rcd}$
T_{Ed} : Momento torcente sollecitante
T_{Rcd} : Momento torcente resistente del calcestruzzo
V_{Ed} : taglio sollecitante
V_{Rcd} : Taglio resistente del calcestruzzo

Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Vedi tabella 21.I

Campata	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	cot(θ)	Blocco	Tag_Tor	S	Esito
1	272	Piano 1	1-2	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
2	273	Piano 1	1-7	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
3	274	Piano 1	2-3	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
4	275	Piano 1	2-8	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
5	276	Piano 1	3-4	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
6	277	Piano 1	3-9	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
7	278	Piano 1	4-5	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
8	282	Piano 1	4-13	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
9	283	Piano 1	5-6	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
10	288	Piano 1	5-14	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
11	289	Piano 1	6-15	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
12	290	Piano 1	7-8	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
13	291	Piano 1	7-10	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
14	292	Piano 1	8-9	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
15	293	Piano 1	8-11	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
16	294	Piano 1	9-12	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
17	295	Piano 1	10-11	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
18	296	Piano 1	10-16	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
19	297	Piano 1	11-12	5	2.5	1.0	Ini	0.00	100000.00	V

						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
20	298	Piano 1	12-13	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
21	299	Piano 1	12-17	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
22	300	Piano 1	13-14	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
23	301	Piano 1	13-20	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
24	302	Piano 1	14-15	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
25	303	Piano 1	14-21	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
26	304	Piano 1	15-22	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
27	305	Piano 1	16-18	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
28	306	Piano 1	17-19	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
29	307	Piano 1	18-23	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
30	308	Piano 1	19-20	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
31	309	Piano 1	19-24	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
32	310	Piano 1	20-21	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
33	311	Piano 1	20-27	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
34	312	Piano 1	21-29	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
35	313	Piano 1	21-50	5	2.5	1.0	Ini	0.00	100000.00	V
36	314	Piano 1	22-31	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
37	315	Piano 1	50-22	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
38	316	Piano 1	23-25	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
39	317	Piano 1	24-26	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
40	318	Piano 1	25-34	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
41	319	Piano 1	26-27	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
42	320	Piano 1	26-35	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
43	321	Piano 1	28-27	13	2.5	1.0	Ini	0.00	100000.00	V
44	322	Piano 1	27-36	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V

						1.0	fin	0.00	100000.00	V
45	323	Piano 1	29-28	13	2.5	1.0	Ini	0.00	100000.00	V
46	324	Piano 1	32-28	5	2.5	1.0	Ini	0.00	100000.00	V
47	325	Piano 1	29-30	5	2.5	1.0	Ini	0.00	100000.00	V
48	326	Piano 1	29-33	5	2.5	1.0	Ini	0.00	100000.00	V
49	327	Piano 1	30-31	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
50	328	Piano 1	43-30	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
51	329	Piano 1	31-44	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
52	330	Piano 1	32-33	5	2.5	1.0	Ini	0.00	100000.00	V
53	331	Piano 1	32-37	5	2.5	1.0	Ini	0.00	100000.00	V
54	332	Piano 1	33-38	5	2.5	1.0	Ini	0.00	100000.00	V
55	333	Piano 1	34-39	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
56	334	Piano 1	35-40	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
57	335	Piano 1	37-36	13	2.5	1.0	Ini	0.00	100000.00	V
58	336	Piano 1	36-41	5	2.5	1.0	Ini	0.00	100000.00	V
59	337	Piano 1	37-38	5	2.5	1.0	Ini	0.00	100000.00	V
60	338	Piano 1	45-39	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
61	339	Piano 1	39-49	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
62	340	Piano 1	41-40	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
63	341	Piano 1	46-40	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
64	342	Piano 1	41-42	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
65	343	Piano 1	42-43	5	2.5	1.0	Ini	0.00	100000.00	V
66	344	Piano 1	43-44	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
67	345	Piano 1	45-46	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
68	401	Piano 2	1-2	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
69	402	Piano 2	1-7	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
70	403	Piano 2	2-3	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
71	404	Piano 2	2-8	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
72	405	Piano 2	3-4	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
73	406	Piano 2	3-9	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
74	407	Piano 2	4-5	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
75	408	Piano 2	4-13	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V

76	409	Piano 2	5-6	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
77	410	Piano 2	5-14	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
78	411	Piano 2	6-15	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
79	412	Piano 2	7-8	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
80	413	Piano 2	7-10	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
81	414	Piano 2	8-9	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
82	415	Piano 2	8-11	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
83	416	Piano 2	9-12	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
84	417	Piano 2	10-11	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
85	418	Piano 2	10-16	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
86	419	Piano 2	11-12	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
87	420	Piano 2	12-13	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
88	421	Piano 2	12-17	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
89	422	Piano 2	13-14	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
90	423	Piano 2	13-20	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
91	424	Piano 2	14-15	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
92	425	Piano 2	14-21	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
93	426	Piano 2	15-22	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
94	427	Piano 2	16-17	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
95	428	Piano 2	16-18	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
96	429	Piano 2	17-19	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
97	430	Piano 2	18-19	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
98	431	Piano 2	18-23	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
99	432	Piano 2	19-20	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V

100	433	Piano 2	19-24	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
101	434	Piano 2	20-21	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
102	435	Piano 2	20-27	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
103	436	Piano 2	21-29	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
104	437	Piano 2	21-50	5	2.5	1.0	Ini	0.00	100000.00	V
105	438	Piano 2	22-31	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
106	439	Piano 2	50-22	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
107	440	Piano 2	23-24	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
108	441	Piano 2	23-25	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
109	442	Piano 2	24-26	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
110	443	Piano 2	25-26	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
111	444	Piano 2	25-34	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
112	445	Piano 2	26-27	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
113	446	Piano 2	26-35	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
114	447	Piano 2	28-27	13	2.5	1.0	Ini	0.00	100000.00	V
115	448	Piano 2	27-36	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
116	449	Piano 2	29-28	13	2.5	1.0	Ini	0.00	100000.00	V
117	450	Piano 2	32-28	5	2.5	1.0	Ini	0.00	100000.00	V
118	451	Piano 2	29-30	5	2.5	1.0	Ini	0.00	100000.00	V
119	452	Piano 2	29-33	5	2.5	1.0	Ini	0.00	100000.00	V
120	453	Piano 2	30-31	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
121	454	Piano 2	30-43	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
122	455	Piano 2	31-44	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
123	456	Piano 2	32-33	5	2.5	1.0	Ini	0.00	100000.00	V
124	457	Piano 2	32-37	5	2.5	1.0	Ini	0.00	100000.00	V
125	458	Piano 2	33-38	5	2.5	1.0	Ini	0.00	100000.00	V
126	459	Piano 2	34-35	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
127	460	Piano 2	34-39	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
128	461	Piano 2	35-40	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
129	462	Piano 2	37-36	13	2.5	1.0	Ini	0.00	100000.00	V
130	463	Piano 2	36-41	5	2.5	1.0	Ini	0.00	100000.00	V
131	464	Piano 2	37-38	5	2.5	1.0	Ini	0.00	100000.00	V

132	465	Piano 2	45-39	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
133	466	Piano 2	39-49	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
134	467	Piano 2	40-41	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
135	468	Piano 2	46-40	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
136	469	Piano 2	41-42	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
137	470	Piano 2	42-43	5	2.5	1.0	Ini	0.00	100000.00	V
138	471	Piano 2	43-44	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
139	472	Piano 2	45-46	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
140	519	Piano 3	1-2	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
141	520	Piano 3	1-7	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
142	521	Piano 3	2-3	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
143	522	Piano 3	2-8	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
144	523	Piano 3	3-4	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
145	524	Piano 3	3-9	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
146	525	Piano 3	4-5	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
147	526	Piano 3	4-13	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
148	527	Piano 3	5-6	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
149	528	Piano 3	5-14	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
150	529	Piano 3	6-15	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
151	530	Piano 3	7-8	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
152	531	Piano 3	7-10	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
153	532	Piano 3	8-9	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
154	533	Piano 3	8-11	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
155	534	Piano 3	9-12	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
156	535	Piano 3	10-11	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V

						1.0	fin	0.00	100000.00	V
157	536	Piano 3	10-16	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
158	537	Piano 3	11-12	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
159	538	Piano 3	12-13	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
160	539	Piano 3	12-17	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
161	540	Piano 3	13-14	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
162	541	Piano 3	13-20	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
163	542	Piano 3	14-15	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
164	543	Piano 3	14-21	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
165	544	Piano 3	15-22	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
166	545	Piano 3	16-17	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
167	546	Piano 3	16-18	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
168	547	Piano 3	17-19	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
169	548	Piano 3	18-19	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
170	549	Piano 3	18-23	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
171	550	Piano 3	19-20	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
172	551	Piano 3	19-24	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
173	552	Piano 3	20-21	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
174	553	Piano 3	20-27	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
175	554	Piano 3	21-29	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
176	555	Piano 3	21-50	5	2.5	1.0	Ini	0.00	100000.00	V
177	556	Piano 3	22-31	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
178	557	Piano 3	50-22	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
179	558	Piano 3	23-24	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
180	559	Piano 3	23-25	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
181	560	Piano 3	24-26	13	2.5	1.0	Ini	0.00	100000.00	V

						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
182	561	Piano 3	25-26	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
183	562	Piano 3	25-34	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
184	563	Piano 3	26-27	14	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
185	564	Piano 3	26-35	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
186	565	Piano 3	28-27	13	2.5	1.0	Ini	0.00	100000.00	V
187	566	Piano 3	27-36	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
188	567	Piano 3	29-28	13	2.5	1.0	Ini	0.00	100000.00	V
189	568	Piano 3	32-28	5	2.5	1.0	Ini	0.00	100000.00	V
190	569	Piano 3	29-30	5	2.5	1.0	Ini	0.00	100000.00	V
191	570	Piano 3	29-33	5	2.5	1.0	Ini	0.00	100000.00	V
192	571	Piano 3	30-31	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
193	572	Piano 3	43-30	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
194	573	Piano 3	31-44	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
195	574	Piano 3	32-33	5	2.5	1.0	Ini	0.00	100000.00	V
196	575	Piano 3	32-37	5	2.5	1.0	Ini	0.00	100000.00	V
197	576	Piano 3	33-38	5	2.5	1.0	Ini	0.00	100000.00	V
198	577	Piano 3	34-35	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
199	578	Piano 3	34-39	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
200	579	Piano 3	35-40	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
201	580	Piano 3	37-36	13	2.5	1.0	Ini	0.00	100000.00	V
202	581	Piano 3	36-41	5	2.5	1.0	Ini	0.00	100000.00	V
203	582	Piano 3	37-38	5	2.5	1.0	Ini	0.00	100000.00	V
204	583	Piano 3	39-49	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
205	584	Piano 3	40-41	9	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
206	585	Piano 3	41-42	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
207	586	Piano 3	42-43	5	2.5	1.0	Ini	0.00	100000.00	V
208	587	Piano 3	43-44	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
209	632	Piano 4	20-21	13	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
210	633	Piano 4	47-20	10	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
211	634	Piano 4	48-21	10	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
212	635	Piano 4	27-29	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
213	636	Piano 4	27-41	5	2.5	1.0	Ini	0.00	100000.00	V

						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
214	637	Piano 4	27-47	10	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
215	638	Piano 4	29-30	5	2.5	1.0	Ini	0.00	100000.00	V
216	639	Piano 4	29-33	5	2.5	1.0	Ini	0.00	100000.00	V
217	640	Piano 4	29-48	10	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
218	641	Piano 4	30-43	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
219	642	Piano 4	32-33	5	2.5	1.0	Ini	0.00	100000.00	V
220	643	Piano 4	32-37	5	2.5	1.0	Ini	0.00	100000.00	V
221	644	Piano 4	33-38	5	2.5	1.0	Ini	0.00	100000.00	V
222	645	Piano 4	37-38	5	2.5	1.0	Ini	0.00	100000.00	V
223	646	Piano 4	38-42	5	2.5	1.0	Ini	0.00	100000.00	V
224	647	Piano 4	41-42	5	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V
225	648	Piano 4	42-43	5	2.5	1.0	Ini	0.00	100000.00	V
226	649	Piano 4	47-48	8	2.5	1.0	Ini	0.00	100000.00	V
						1.0	Med	0.00	100000.00	V
						1.0	fin	0.00	100000.00	V

4.3.2.1.8 Verifiche SLE - Deformabilità.

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Comb : tipo di combinazione a cui la verifica è riferita;
L_C : Lunghezza della Campata
f/l : rapporto freccia/lunghezza;
f_{lim} : valore limite del rapporto freccia/lunghezza;
S : valore del coefficiente di sicurezza della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA ;

Tabella 22.I

Campata	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb.	L_c [cm]	f/l	f_{lim}	S	Esito
1	272	Piano 1	1-2	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
2	273	Piano 1	1-7	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
3	274	Piano 1	2-3	5	2.5	Caratt.	405	0.00010	0.00200	20.00	V
4	275	Piano 1	2-8	14	2.5	Caratt.	305	0.00010	0.00200	20.00	V
5	276	Piano 1	3-4	5	2.5	Caratt.	375	0.00010	0.00200	20.00	V
6	277	Piano 1	3-9	14	2.5	Caratt.	305	0.00010	0.00200	20.00	V
8	282	Piano 1	4-13	9	2.5	Caratt.	610	0.00017	0.00200	11.46	V
10	288	Piano 1	5-14	9	2.5	Caratt.	610	0.00017	0.00200	11.73	V
11	289	Piano 1	6-15	9	2.5	Caratt.	610	0.00012	0.00200	16.43	V
12	290	Piano 1	7-8	5	2.5	Caratt.	530	0.00011	0.00200	18.20	V
13	291	Piano 1	7-10	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
14	292	Piano 1	8-9	5	2.5	Caratt.	405	0.00010	0.00200	20.00	V
15	293	Piano 1	8-11	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
16	294	Piano 1	9-12	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
17	295	Piano 1	10-11	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
18	296	Piano 1	10-16	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
19	297	Piano 1	11-12	5	2.5	Caratt.	415	0.00010	0.00200	20.00	V
20	298	Piano 1	12-13	14	2.5	Caratt.	365	0.00010	0.00200	20.00	V
21	299	Piano 1	12-17	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
22	300	Piano 1	13-14	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
23	301	Piano 1	13-20	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V

24	302	Piano 1	14-15	5	2.5	Caratt.	490	0.00010	0.00200	20.00	V
25	303	Piano 1	14-21	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
26	304	Piano 1	15-22	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
27	305	Piano 1	16-18	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
28	306	Piano 1	17-19	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
29	307	Piano 1	18-23	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
30	308	Piano 1	19-20	14	2.5	Caratt.	360	0.00010	0.00200	20.00	V
31	309	Piano 1	19-24	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
32	310	Piano 1	20-21	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
33	311	Piano 1	20-27	9	2.5	Caratt.	610	0.00013	0.00200	15.61	V
34	312	Piano 1	21-29	9	2.5	Caratt.	610	0.00017	0.00200	11.89	V
35	313	Piano 1	21-50	5	2.5	Caratt.	165	0.00010	0.00200	20.00	V
36	314	Piano 1	22-31	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
37	315	Piano 1	50-22	5	2.5	Caratt.	325	0.00010	0.00200	20.00	V
38	316	Piano 1	23-25	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
39	317	Piano 1	24-26	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
40	318	Piano 1	25-34	5	2.5	Caratt.	315	0.00010	0.00200	20.00	V
41	319	Piano 1	26-27	14	2.5	Caratt.	375	0.00010	0.00200	20.00	V
42	320	Piano 1	26-35	5	2.5	Caratt.	315	0.00010	0.00200	20.00	V
43	321	Piano 1	28-27	13	2.5	Caratt.	140	0.00010	0.00200	20.00	V
44	322	Piano 1	27-36	5	2.5	Caratt.	420	0.00010	0.00200	20.00	V
45	323	Piano 1	29-28	13	2.5	Caratt.	195	0.00010	0.00200	20.00	V
46	324	Piano 1	32-28	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
47	325	Piano 1	29-30	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
48	326	Piano 1	29-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
49	327	Piano 1	30-31	5	2.5	Caratt.	295	0.00010	0.00200	20.00	V
50	328	Piano 1	43-30	9	2.5	Caratt.	630	0.00031	0.00200	6.43	V
51	329	Piano 1	31-44	9	2.5	Caratt.	630	0.00010	0.00200	20.00	V
52	330	Piano 1	32-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
53	331	Piano 1	32-37	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
54	332	Piano 1	33-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
55	333	Piano 1	34-39	5	2.5	Caratt.	315	0.00010	0.00200	20.00	V
56	334	Piano 1	35-40	5	2.5	Caratt.	315	0.00010	0.00200	20.00	V
57	335	Piano 1	37-36	13	2.5	Caratt.	150	0.00010	0.00200	20.00	V
58	336	Piano 1	36-41	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
59	337	Piano 1	37-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
60	338	Piano 1	45-39	13	2.5	Caratt.	360	0.00010	0.00200	20.00	V
61	339	Piano 1	39-49	5	2.5	Caratt.	750	0.00059	0.00200	3.39	V
62	340	Piano 1	41-40	9	2.5	Caratt.	360	0.00010	0.00200	20.00	V
63	341	Piano 1	46-40	13	2.5	Caratt.	366	0.00010	0.00200	20.00	V
64	342	Piano 1	41-42	5	2.5	Caratt.	330	0.00010	0.00200	20.00	V
65	343	Piano 1	42-43	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
66	344	Piano 1	43-44	5	2.5	Caratt.	295	0.00010	0.00200	20.00	V
67	345	Piano 1	45-46	13	2.5	Caratt.	813	0.00058	0.00200	3.45	V
68	401	Piano 2	1-2	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
69	402	Piano 2	1-7	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
70	403	Piano 2	2-3	5	2.5	Caratt.	405	0.00010	0.00200	20.00	V
71	404	Piano 2	2-8	14	2.5	Caratt.	305	0.00010	0.00200	20.00	V
72	405	Piano 2	3-4	5	2.5	Caratt.	375	0.00010	0.00200	20.00	V
73	406	Piano 2	3-9	14	2.5	Caratt.	305	0.00010	0.00200	20.00	V
74	407	Piano 2	4-5	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
75	408	Piano 2	4-13	9	2.5	Caratt.	610	0.00017	0.00200	11.43	V
76	409	Piano 2	5-6	5	2.5	Caratt.	490	0.00010	0.00200	20.00	V
77	410	Piano 2	5-14	9	2.5	Caratt.	610	0.00017	0.00200	11.49	V
78	411	Piano 2	6-15	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
79	412	Piano 2	7-8	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
80	413	Piano 2	7-10	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
81	414	Piano 2	8-9	5	2.5	Caratt.	405	0.00010	0.00200	20.00	V
82	415	Piano 2	8-11	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
83	416	Piano 2	9-12	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
84	417	Piano 2	10-11	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
85	418	Piano 2	10-16	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
86	419	Piano 2	11-12	5	2.5	Caratt.	400	0.00010	0.00200	20.00	V
87	420	Piano 2	12-13	14	2.5	Caratt.	380	0.00010	0.00200	20.00	V
88	421	Piano 2	12-17	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
89	422	Piano 2	13-14	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
90	423	Piano 2	13-20	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
91	424	Piano 2	14-15	5	2.5	Caratt.	490	0.00010	0.00200	20.00	V
92	425	Piano 2	14-21	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
93	426	Piano 2	15-22	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
94	427	Piano 2	16-17	9	2.5	Caratt.	950	0.00042	0.00200	4.76	V
95	428	Piano 2	16-18	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V

96	429	Piano 2	17-19	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
97	430	Piano 2	18-19	9	2.5	Caratt.	950	0.00042	0.00200	4.75	V
98	431	Piano 2	18-23	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
99	432	Piano 2	19-20	14	2.5	Caratt.	360	0.00010	0.00200	20.00	V
100	433	Piano 2	19-24	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
101	434	Piano 2	20-21	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
102	435	Piano 2	20-27	9	2.5	Caratt.	610	0.00013	0.00200	15.88	V
103	436	Piano 2	21-29	9	2.5	Caratt.	610	0.00018	0.00200	11.40	V
104	437	Piano 2	21-50	5	2.5	Caratt.	165	0.00010	0.00200	20.00	V
105	438	Piano 2	22-31	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
106	439	Piano 2	50-22	5	2.5	Caratt.	325	0.00010	0.00200	20.00	V
107	440	Piano 2	23-24	9	2.5	Caratt.	950	0.00041	0.00200	4.90	V
108	441	Piano 2	23-25	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
109	442	Piano 2	24-26	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
110	443	Piano 2	25-26	9	2.5	Caratt.	950	0.00041	0.00200	4.86	V
111	444	Piano 2	25-34	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
112	445	Piano 2	26-27	14	2.5	Caratt.	375	0.00010	0.00200	20.00	V
113	446	Piano 2	26-35	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
114	447	Piano 2	28-27	13	2.5	Caratt.	140	0.00010	0.00200	20.00	V
115	448	Piano 2	27-36	5	2.5	Caratt.	420	0.00010	0.00200	20.00	V
116	449	Piano 2	29-28	13	2.5	Caratt.	195	0.00010	0.00200	20.00	V
117	450	Piano 2	32-28	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
118	451	Piano 2	29-30	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
119	452	Piano 2	29-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
120	453	Piano 2	30-31	5	2.5	Caratt.	295	0.00010	0.00200	20.00	V
121	454	Piano 2	30-43	9	2.5	Caratt.	630	0.00028	0.00200	7.03	V
122	455	Piano 2	31-44	9	2.5	Caratt.	630	0.00010	0.00200	20.00	V
123	456	Piano 2	32-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
124	457	Piano 2	32-37	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
125	458	Piano 2	33-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
126	459	Piano 2	34-35	9	2.5	Caratt.	950	0.00041	0.00200	4.84	V
127	460	Piano 2	34-39	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
128	461	Piano 2	35-40	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
129	462	Piano 2	37-36	13	2.5	Caratt.	150	0.00010	0.00200	20.00	V
130	463	Piano 2	36-41	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
131	464	Piano 2	37-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
132	465	Piano 2	45-39	13	2.5	Caratt.	360	0.00010	0.00200	20.00	V
133	466	Piano 2	39-49	9	2.5	Caratt.	750	0.00057	0.00200	3.50	V
134	467	Piano 2	40-41	9	2.5	Caratt.	355	0.00010	0.00200	20.00	V
135	468	Piano 2	46-40	5	2.5	Caratt.	366	0.00010	0.00200	20.00	V
136	469	Piano 2	41-42	5	2.5	Caratt.	335	0.00010	0.00200	20.00	V
137	470	Piano 2	42-43	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
138	471	Piano 2	43-44	5	2.5	Caratt.	295	0.00010	0.00200	20.00	V
139	472	Piano 2	45-46	5	2.5	Caratt.	813	0.00045	0.00200	4.46	V
140	519	Piano 3	1-2	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
141	520	Piano 3	1-7	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
142	521	Piano 3	2-3	5	2.5	Caratt.	405	0.00010	0.00200	20.00	V
143	522	Piano 3	2-8	14	2.5	Caratt.	305	0.00010	0.00200	20.00	V
144	523	Piano 3	3-4	5	2.5	Caratt.	375	0.00010	0.00200	20.00	V
145	524	Piano 3	3-9	14	2.5	Caratt.	305	0.00010	0.00200	20.00	V
146	525	Piano 3	4-5	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
147	526	Piano 3	4-13	9	2.5	Caratt.	610	0.00022	0.00200	9.11	V
148	527	Piano 3	5-6	5	2.5	Caratt.	490	0.00010	0.00200	20.00	V
149	528	Piano 3	5-14	9	2.5	Caratt.	610	0.00022	0.00200	8.90	V
150	529	Piano 3	6-15	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
151	530	Piano 3	7-8	5	2.5	Caratt.	530	0.00010	0.00200	20.00	V
152	531	Piano 3	7-10	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
153	532	Piano 3	8-9	5	2.5	Caratt.	405	0.00010	0.00200	20.00	V
154	533	Piano 3	8-11	5	2.5	Caratt.	305	0.00010	0.00200	20.00	V
155	534	Piano 3	9-12	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
156	535	Piano 3	10-11	5	2.5	Caratt.	530	0.00010	0.00200	19.88	V
157	536	Piano 3	10-16	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
158	537	Piano 3	11-12	5	2.5	Caratt.	400	0.00010	0.00200	20.00	V
159	538	Piano 3	12-13	14	2.5	Caratt.	380	0.00010	0.00200	20.00	V
160	539	Piano 3	12-17	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
161	540	Piano 3	13-14	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
162	541	Piano 3	13-20	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
163	542	Piano 3	14-15	5	2.5	Caratt.	490	0.00010	0.00200	20.00	V
164	543	Piano 3	14-21	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
165	544	Piano 3	15-22	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
166	545	Piano 3	16-17	9	2.5	Caratt.	950	0.00045	0.00200	4.47	V
167	546	Piano 3	16-18	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V

168	547	Piano 3	17-19	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
169	548	Piano 3	18-19	9	2.5	Caratt.	950	0.00044	0.00200	4.50	V
170	549	Piano 3	18-23	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
171	550	Piano 3	19-20	14	2.5	Caratt.	360	0.00010	0.00200	20.00	V
172	551	Piano 3	19-24	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
173	552	Piano 3	20-21	5	2.5	Caratt.	365	0.00010	0.00200	20.00	V
174	553	Piano 3	20-27	9	2.5	Caratt.	610	0.00011	0.00200	18.11	V
175	554	Piano 3	21-29	9	2.5	Caratt.	610	0.00017	0.00200	11.52	V
176	555	Piano 3	21-50	5	2.5	Caratt.	165	0.00010	0.00200	20.00	V
177	556	Piano 3	22-31	9	2.5	Caratt.	610	0.00010	0.00200	20.00	V
178	557	Piano 3	50-22	5	2.5	Caratt.	325	0.00010	0.00200	20.00	V
179	558	Piano 3	23-24	9	2.5	Caratt.	950	0.00045	0.00200	4.46	V
180	559	Piano 3	23-25	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
181	560	Piano 3	24-26	13	2.5	Caratt.	305	0.00010	0.00200	20.00	V
182	561	Piano 3	25-26	9	2.5	Caratt.	950	0.00045	0.00200	4.45	V
183	562	Piano 3	25-34	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
184	563	Piano 3	26-27	14	2.5	Caratt.	375	0.00010	0.00200	20.00	V
185	564	Piano 3	26-35	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
186	565	Piano 3	28-27	13	2.5	Caratt.	140	0.00010	0.00200	20.00	V
187	566	Piano 3	27-36	5	2.5	Caratt.	420	0.00010	0.00200	20.00	V
188	567	Piano 3	29-28	13	2.5	Caratt.	195	0.00010	0.00200	20.00	V
189	568	Piano 3	32-28	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
190	569	Piano 3	29-30	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
191	570	Piano 3	29-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
192	571	Piano 3	30-31	5	2.5	Caratt.	295	0.00010	0.00200	20.00	V
193	572	Piano 3	43-30	9	2.5	Caratt.	630	0.00029	0.00200	6.84	V
194	573	Piano 3	31-44	9	2.5	Caratt.	630	0.00010	0.00200	20.00	V
195	574	Piano 3	32-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
196	575	Piano 3	32-37	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
197	576	Piano 3	33-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
198	577	Piano 3	34-35	9	2.5	Caratt.	950	0.00042	0.00200	4.76	V
199	578	Piano 3	34-39	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
200	579	Piano 3	35-40	13	2.5	Caratt.	315	0.00010	0.00200	20.00	V
201	580	Piano 3	37-36	13	2.5	Caratt.	150	0.00010	0.00200	20.00	V
202	581	Piano 3	36-41	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
203	582	Piano 3	37-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
204	583	Piano 3	39-49	9	2.5	Caratt.	750	0.00039	0.00200	5.14	V
205	584	Piano 3	40-41	9	2.5	Caratt.	355	0.00010	0.00200	20.00	V
206	585	Piano 3	41-42	5	2.5	Caratt.	335	0.00010	0.00200	20.00	V
207	586	Piano 3	42-43	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
208	587	Piano 3	43-44	5	2.5	Caratt.	295	0.00010	0.00200	20.00	V
209	632	Piano 4	20-21	13	2.5	Caratt.	365	0.00010	0.00200	20.00	V
210	633	Piano 4	47-20	10	2.5	Caratt.	305	0.00010	0.00200	20.00	V
211	634	Piano 4	48-21	10	2.5	Caratt.	305	0.00025	0.00200	7.96	V
212	635	Piano 4	27-29	5	2.5	Caratt.	335	0.00010	0.00200	20.00	V
213	636	Piano 4	27-41	5	2.5	Caratt.	630	0.00010	0.00200	20.00	V
214	637	Piano 4	27-47	10	2.5	Caratt.	305	0.00010	0.00200	20.00	V
215	638	Piano 4	29-30	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
216	639	Piano 4	29-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
217	640	Piano 4	29-48	10	2.5	Caratt.	305	0.00030	0.00200	6.78	V
218	641	Piano 4	30-43	5	2.5	Caratt.	630	0.00010	0.00200	20.00	V
219	642	Piano 4	32-33	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
220	643	Piano 4	32-37	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
221	644	Piano 4	33-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
222	645	Piano 4	37-38	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
223	646	Piano 4	38-42	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
224	647	Piano 4	41-42	5	2.5	Caratt.	335	0.00010	0.00200	20.00	V
225	648	Piano 4	42-43	5	2.5	Caratt.	210	0.00010	0.00200	20.00	V
226	649	Piano 4	47-48	8	2.5	Caratt.	380	0.00010	0.00200	20.00	V

Tabella 23.I

4.3.2.1.10 Verifiche SLE - Stato Tensionale.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;

Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Comb : tipo di combinazione a cui la verifica è riferita;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Azioni Sollecitanti:
N_{sd} : Sforzo Normale Sollecitante;
M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Tensioni:
σ_c : tensioni d'esercizio del calcestruzzo;
σ_s : tensioni d'esercizio dell'acciaio;
Tensioni Limite:
$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
$\sigma_{s,lim}$: Tensioni limite dell'acciaio;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 24.I

								Azioni Sollecitanti			Tensioni		Tensioni Limite			
Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	N_{sd} [daN]	M_{sdxz} [daNm]	M_{sdxy} [daNm]	σ_c [daN/cm²]	σ_s [daN/cm²]	$\sigma_{c,lim}$ [daN/cm²]	$\sigma_{s,lim}$ [daN/cm²]	S	Esito
1	272	Piano 1	1-2	5	2.5	Caratt.	0	0	-1544	-	11.13	-500.70	150.00	3600.00	7.19	V
							57	0	1175	-	8.47	-381.08	150.00	3600.00	9.45	V
							530	0	-4327	-	31.17	-1402.77	150.00	3600.00	2.57	V
						Q.Perm	0	0	-1209	-	8.71	-392.11	112.50	3600.00	9.18	V
							57	0	740	-	5.33	-239.91	112.50	3600.00	15.01	V
							530	0	-3838	-	27.65	-1244.25	112.50	3600.00	2.89	V
2	273	Piano 1	1-7	5	2.5	Caratt.	0	0	-1849	-	9.62	-305.17	150.00	3600.00	11.80	V
							34	0	-1222	-	6.64	-202.41	150.00	3600.00	17.79	V
							305	0	-789	-	4.90	-193.01	150.00	3600.00	18.65	V
						Q.Perm	0	0	-1533	-	7.97	-252.92	112.50	3600.00	14.11	V
							34	0	-955	-	5.19	-158.14	112.50	3600.00	21.69	V
							305	0	-546	-	3.39	-133.62	112.50	3600.00	26.94	V
3	274	Piano 1	2-3	5	2.5	Caratt.	0	0	-2465	-	17.76	-799.08	150.00	3600.00	4.51	V
							43	0	-936	-	6.74	-303.30	150.00	3600.00	11.87	V
							405	0	-1802	-	12.98	-584.13	150.00	3600.00	6.16	V
						Q.Perm	0	0	-2247	-	16.19	-728.41	112.50	3600.00	4.94	V
							43	0	-820	-	5.91	-265.97	112.50	3600.00	13.54	V
							405	0	-1349	-	9.72	-437.26	112.50	3600.00	8.23	V
4	275	Piano 1	2-8	14	2.5	Caratt.	0	0	55	-	1.48	-40.66	150.00	3600.00	88.54	V
							34	0	172	-	5.27	-165.12	150.00	3600.00	21.80	V
							305	0	-585	-	17.96	-562.60	150.00	3600.00	6.40	V
						Q.Perm	0	0	3	-	0.08	-2.30	112.50	3600.00	1564.09	V
							34	0	128	-	3.92	-122.95	112.50	3600.00	28.66	V
							305	0	-521	-	16.01	-501.59	112.50	3600.00	7.03	V
5	276	Piano 1	3-4	5	2.5	Caratt.	0	0	-1535	-	11.06	-497.75	150.00	3600.00	7.23	V
							280	0	627	-	4.52	-203.25	150.00	3600.00	17.71	V
							375	0	-284	-	2.04	-91.96	150.00	3600.00	39.15	V
						Q.Perm	0	0	-1444	-	10.40	-468.03	112.50	3600.00	7.69	V
							280	0	569	-	4.10	-184.60	112.50	3600.00	19.50	V
							375	0	165	-	1.19	-53.64	112.50	3600.00	67.12	V
6	277	Piano 1	3-9	14	2.5	Caratt.	0	0	-486	-	13.38	-355.29	150.00	3600.00	10.13	V
							34	0	223	-	6.85	-214.50	150.00	3600.00	16.78	V
							305	0	-1330	-	40.84	-1279.47	150.00	3600.00	2.81	V
						Q.Perm	0	0	-371	-	10.20	-270.95	112.50	3600.00	11.02	V
							34	0	179	-	5.51	-172.65	112.50	3600.00	20.41	V
							305	0	-1204	-	36.98	-1158.38	112.50	3600.00	3.04	V
7	278	Piano 1	4-5	5	2.5	Caratt.	0	0	187	-	1.34	-60.51	150.00	3600.00	59.49	V
							74	0	-1212	-	8.73	-393.01	150.00	3600.00	9.16	V
							365	0	802	-	5.78	-259.93	150.00	3600.00	13.85	V
						Q.Perm	0	0	104	-	0.75	-33.68	112.50	3600.00	106.88	V
							74	0	-1127	-	8.12	-365.47	112.50	3600.00	9.85	V
							365	0	737	-	5.31	-239.01	112.50	3600.00	15.06	V
8	282	Piano 1	4-13	9	2.5	Caratt.	0	0	-3674	-	16.33	-609.99	150.00	3600.00	5.90	V
							73	0	1791	-	8.59	-368.83	150.00	3600.00	9.76	V
							610	0	-9917	-	44.09	-1646.52	150.00	3600.00	2.19	V
						Q.Perm	0	0	-3028	-	13.46	-502.75	112.50	3600.00	7.16	V
							73	0	1530	-	7.34	-314.96	112.50	3600.00	11.43	V
							610	0	-9015	-	40.07	-1496.73	112.50	3600.00	2.41	V
9	283	Piano 1	5-6	5	2.5	Caratt.	0	0	465	-	3.35	-150.77	150.00	3600.00	23.88	V
							50	0	-759	-	5.47	-245.95	150.00	3600.00	14.64	V
							490	0	689	-	4.97	-223.44	150.00	3600.00	16.11	V
						Q.Perm	0	0	290	-	2.09	-93.93	112.50	3600.00	38.32	V
							50	0	-675	-	4.86	-218.73	112.50	3600.00	16.46	V
							490	0	647	-	4.66	-209.83	112.50	3600.00	17.16	V

10	288	Piano 1	5-14	9	2.5	Caratt.	0	0	-5327	-	19.93	-590.88	150.00	3600.00	6.09	V
							218	0	6892	-	34.10	-1496.61	150.00	3600.00	2.41	V
							610	0	-11365	-	47.37	-1509.37	150.00	3600.00	2.39	V
						Q.Perm	0	0	-4489	-	16.79	-497.87	112.50	3600.00	6.70	V
							218	0	6248	-	30.92	-1356.80	112.50	3600.00	2.65	V
							610	0	-10360	-	43.18	-1375.87	112.50	3600.00	2.61	V
11	289	Piano 1	6-15	9	2.5	Caratt.	0	0	-3753	-	14.85	-495.84	150.00	3600.00	7.26	V
							73	0	1274	-	5.42	-208.70	150.00	3600.00	17.25	V
							610	0	-9314	-	38.82	-1236.97	150.00	3600.00	2.91	V
						Q.Perm	0	0	-3267	-	12.93	-431.59	112.50	3600.00	8.34	V
							73	0	1026	-	4.36	-168.08	112.50	3600.00	21.42	V
							610	0	-8661	-	36.10	-1150.25	112.50	3600.00	3.12	V
12	290	Piano 1	7-8	5	2.5	Caratt.	0	0	-1450	-	10.45	-470.01	150.00	3600.00	7.66	V
							57	0	1782	-	12.84	-577.81	150.00	3600.00	6.23	V
							530	0	-6390	-	41.57	-1569.09	150.00	3600.00	2.29	V
						Q.Perm	0	0	-954	-	6.87	-309.35	112.50	3600.00	11.64	V
							57	0	1350	-	9.72	-437.53	112.50	3600.00	8.23	V
							530	0	-5510	-	35.85	-1353.05	112.50	3600.00	2.66	V
13	291	Piano 1	7-10	5	2.5	Caratt.	0	0	-1756	-	11.42	-431.15	150.00	3600.00	8.35	V
							241	0	1272	-	8.74	-411.46	150.00	3600.00	8.75	V
							305	0	554	-	3.44	-135.60	150.00	3600.00	26.55	V
						Q.Perm	0	0	-1688	-	10.98	-414.47	112.50	3600.00	8.69	V
							241	0	1060	-	7.28	-342.82	112.50	3600.00	10.50	V
							305	0	420	-	2.61	-102.78	112.50	3600.00	35.02	V
14	292	Piano 1	8-9	5	2.5	Caratt.	0	0	-3654	-	26.33	-1184.63	150.00	3600.00	3.04	V
							302	0	607	-	4.37	-196.63	150.00	3600.00	18.31	V
							405	0	-1271	-	9.16	-412.20	150.00	3600.00	8.73	V
						Q.Perm	0	0	-3259	-	23.48	-1056.73	112.50	3600.00	3.41	V
							302	0	519	-	3.74	-168.26	112.50	3600.00	21.40	V
							405	0	-744	-	5.36	-241.06	112.50	3600.00	14.93	V
15	293	Piano 1	8-11	5	2.5	Caratt.	0	0	1091	-	6.77	-266.93	150.00	3600.00	13.49	V
							241	0	891	-	5.53	-218.04	150.00	3600.00	16.51	V
							305	0	614	-	3.81	-150.38	150.00	3600.00	23.94	V
						Q.Perm	0	0	825	-	5.12	-201.90	112.50	3600.00	17.83	V
							241	0	666	-	4.14	-163.07	112.50	3600.00	22.08	V
							305	0	386	-	2.39	-94.37	112.50	3600.00	38.15	V
16	294	Piano 1	9-12	5	2.5	Caratt.	0	0	-704	-	4.58	-172.84	150.00	3600.00	20.83	V
							34	0	92	-	0.63	-29.63	150.00	3600.00	121.48	V
							305	0	-1818	-	11.83	-446.43	150.00	3600.00	8.06	V
						Q.Perm	0	0	-566	-	3.68	-138.94	112.50	3600.00	25.91	V
							34	0	-6	-	0.04	-1.49	112.50	3600.00	2415.12	V
							305	0	-1631	-	10.61	-400.53	112.50	3600.00	8.99	V
17	295	Piano 1	10-11	5	2.5	Caratt.	0	0	1795	-	12.93	-581.94	150.00	3600.00	6.19	V
							57	0	2723	-	19.62	-882.89	150.00	3600.00	4.08	V
							530	0	-6132	-	44.18	-1987.99	150.00	3600.00	1.81	V
						Q.Perm	0	0	1272	-	9.16	-412.35	112.50	3600.00	8.73	V
							57	0	2264	-	16.31	-734.06	112.50	3600.00	4.90	V
							530	0	-5338	-	38.46	-1730.43	112.50	3600.00	2.08	V
18	296	Piano 1	10-16	5	2.5	Caratt.	0	0	-3429	-	20.69	-679.55	150.00	3600.00	5.30	V
							241	0	814	-	5.59	-263.28	150.00	3600.00	13.67	V
							305	0	313	-	1.94	-76.57	150.00	3600.00	47.02	V
						Q.Perm	0	0	-3080	-	18.59	-610.40	112.50	3600.00	5.90	V
							241	0	783	-	5.38	-253.24	112.50	3600.00	14.22	V
							305	0	289	-	1.80	-70.81	112.50	3600.00	50.84	V
19	297	Piano 1	11-12	5	2.5	Caratt.	0	0	-3276	-	23.60	-1062.04	150.00	3600.00	3.39	V
							298	0	1029	-	7.41	-333.63	150.00	3600.00	10.79	V
							415	0	575	-	4.15	-186.55	150.00	3600.00	19.30	V
						Q.Perm	0	0	-2953	-	21.28	-957.47	112.50	3600.00	3.76	V
							298	0	918	-	6.62	-297.78	112.50	3600.00	12.09	V
							415	0	492	-	3.54	-159.40	112.50	3600.00	22.58	V
20	298	Piano 1	12-13	14	2.5	Caratt.	0	0	-663	-	20.37	-637.98	150.00	3600.00	5.64	V
							37	0	-309	-	9.48	-296.91	150.00	3600.00	12.12	V
							365	0	72	-	2.20	-69.02	150.00	3600.00	52.16	V
						Q.Perm	0	0	-605	-	18.57	-581.61	112.50	3600.00	6.06	V
							37	0	-280	-	8.59	-269.13	112.50	3600.00	13.09	V
							365	0	60	-	1.84	-57.74	112.50	3600.00	61.04	V
21	299	Piano 1	12-17	5	2.5	Caratt.	0	0	-1740	-	11.32	-427.39	150.00	3600.00	8.42	V
							241	0	-117	-	0.76	-28.74	150.00	3600.00	125.27	V
							305	0	-759	-	4.94	-186.45	150.00	3600.00	19.31	V
						Q.Perm	0	0	-1573	-	10.23	-386.25	112.50	3600.00	9.32	V
							241	0	-47	-	0.30	-11.50	112.50	3600.00	313.11	V
							305	0	-623	-	4.06	-153.10	112.50	3600.00	23.51	V
22	300	Piano 1	13-14	5	2.5	Caratt.	0	0	-634	-	4.57	-205.69	150.00	3600.00	17.50	V
							258	0	296	-	2.14	-96.08	150.00	3600.00	37.47	V
							365	0	-585	-	4.22	-189.80	150.00	3600.00	18.97	V
						Q.Perm	0	0	-562	-	4.05	-182.29	112.50	3600.00	19.75	V
							258	0	207	-	1.49	-67.25	112.50	3600.00	53.53	V
							365	0	20	-	0.15	-6.61	112.50	3600.00	544.32	V
23	301	Piano 1	13-20	9	2.5	Caratt.	0	0	-9227	-	44.25	-1899.85	150.00	3600.00	1.89	V
							508	0	-2940	-	14.10	-605.34	150.00	3600.00	5.95	V
							610	0	-8712	-	41.78	-1793.85	150.00	3600.00	2.01	V
						Q.Perm	0	0	-8429	-	40.42	-1735.61	112.50	3600.00	2.07	V
							508	0	-2657	-	12.74	-547.02	112.50	3600.00	6.58	V
							610	0	-7896	-	37.87	-1625.87	112.50	3600.00	2.21	V
24	302	Piano 1	14-15	5	2.5	Caratt.	0	0	-2434	-	17.53	-788.96	150.00	3600.00	4.56	V
							350	0	1629	-	11.74	-528.27	150.00	3600.00	6.81	V
							490	0	1644	-	11.85	-533.12	150.00	3600.00	6.75	V
						Q.Perm	0	0	-2227	-	16.05	-722.12	112.50	3600.00	4.99	V
							350	0	1466	-	10.56	-475.31	112.50	3600.00	7.57	V
							490	0	1448	-	10.43	-469.36	112.50	3600.00	7.67	V

25	303	Piano 1	14-21	9	2.5	Caratt.	0	0	-10669	-	47.43	-1771.36	150.00	3600.00	2.03	V
							508	0	-2994	-	14.36	-616.56	150.00	3600.00	5.84	V
							610	0	-9459	-	42.05	-1570.37	150.00	3600.00	2.29	V
						Q.Perm	0	0	-9763	-	43.40	-1620.88	112.50	3600.00	2.22	V
							508	0	-2732	-	13.10	-562.54	112.50	3600.00	6.40	V
							610	0	-8628	-	38.36	-1432.51	112.50	3600.00	2.51	V
26	304	Piano 1	15-22	9	2.5	Caratt.	0	0	-8830	-	39.25	-1466.05	150.00	3600.00	2.46	V
							508	0	-2035	-	9.76	-418.97	150.00	3600.00	8.59	V
							610	0	-7142	-	31.75	-1185.77	150.00	3600.00	3.04	V
						Q.Perm	0	0	-8213	-	36.51	-1363.49	112.50	3600.00	2.64	V
							508	0	-1893	-	9.08	-389.87	112.50	3600.00	9.23	V
							610	0	-6668	-	29.64	-1106.99	112.50	3600.00	3.25	V
27	305	Piano 1	16-18	5	2.5	Caratt.	0	0	-1462	-	9.08	-357.87	150.00	3600.00	10.06	V
							241	0	232	-	1.44	-56.74	150.00	3600.00	63.45	V
							305	0	-766	-	4.75	-187.38	150.00	3600.00	19.21	V
						Q.Perm	0	0	-1329	-	8.25	-325.34	112.50	3600.00	11.07	V
							241	0	237	-	1.47	-57.99	112.50	3600.00	62.08	V
							305	0	-585	-	3.63	-143.16	112.50	3600.00	25.15	V
28	306	Piano 1	17-19	5	2.5	Caratt.	0	0	-829	-	5.39	-203.54	150.00	3600.00	17.69	V
							34	0	-97	-	0.63	-23.86	150.00	3600.00	150.90	V
							305	0	-988	-	6.43	-242.57	150.00	3600.00	14.84	V
						Q.Perm	0	0	-730	-	4.75	-179.39	112.50	3600.00	20.07	V
							34	0	-58	-	0.38	-14.24	112.50	3600.00	252.75	V
							305	0	-869	-	5.66	-213.50	112.50	3600.00	16.86	V
29	307	Piano 1	18-23	5	2.5	Caratt.	0	0	-1382	-	8.58	-338.27	150.00	3600.00	10.64	V
							34	0	-241	-	1.50	-58.97	150.00	3600.00	61.05	V
							305	0	-1143	-	7.09	-279.67	150.00	3600.00	12.87	V
						Q.Perm	0	0	-1234	-	7.66	-301.94	112.50	3600.00	11.92	V
							34	0	-216	-	1.34	-52.84	112.50	3600.00	68.13	V
							305	0	-935	-	5.80	-228.87	112.50	3600.00	15.73	V
30	308	Piano 1	19-20	14	2.5	Caratt.	0	0	-516	-	15.85	-496.42	150.00	3600.00	7.25	V
							36	0	-225	-	6.89	-215.98	150.00	3600.00	16.67	V
							360	0	-61	-	1.87	-58.62	150.00	3600.00	61.41	V
						Q.Perm	0	0	-461	-	14.17	-443.73	112.50	3600.00	7.94	V
							36	0	-196	-	6.02	-188.67	112.50	3600.00	18.68	V
							360	0	25	-	0.78	-24.36	112.50	3600.00	144.69	V
31	309	Piano 1	19-24	5	2.5	Caratt.	0	0	-681	-	4.43	-167.18	150.00	3600.00	21.53	V
							34	0	-13	-	0.09	-3.26	150.00	3600.00	1105.56	V
							305	0	-1381	-	8.98	-339.05	150.00	3600.00	10.62	V
						Q.Perm	0	0	-614	-	4.00	-150.83	112.50	3600.00	23.87	V
							34	0	-4	-	0.03	-1.05	112.50	3600.00	3441.26	V
							305	0	-1253	-	8.16	-307.80	112.50	3600.00	11.70	V
32	310	Piano 1	20-21	5	2.5	Caratt.	0	0	-1077	-	7.01	-264.50	150.00	3600.00	13.61	V
							254	0	989	-	7.13	-320.74	150.00	3600.00	11.22	V
							365	0	985	-	6.41	-241.87	150.00	3600.00	14.88	V
						Q.Perm	0	0	-942	-	6.13	-231.29	112.50	3600.00	15.56	V
							254	0	845	-	6.09	-273.94	112.50	3600.00	13.14	V
							365	0	813	-	5.29	-199.71	112.50	3600.00	18.03	V
33	311	Piano 1	20-27	9	2.5	Caratt.	0	0	-9006	-	43.19	-1854.45	150.00	3600.00	1.94	V
							73	0	-2792	-	13.39	-574.98	150.00	3600.00	6.26	V
							610	0	-5981	-	28.68	-1231.43	150.00	3600.00	2.92	V
						Q.Perm	0	0	-8164	-	39.15	-1681.00	112.50	3600.00	2.14	V
							73	0	-2518	-	12.07	-518.38	112.50	3600.00	6.94	V
							610	0	-5435	-	26.06	-1119.03	112.50	3600.00	3.22	V
34	312	Piano 1	21-29	9	2.5	Caratt.	0	0	-10666	-	44.66	-1486.20	150.00	3600.00	2.42	V
							73	0	-3525	-	16.90	-725.79	150.00	3600.00	4.96	V
							610	0	-6486	-	31.10	-1335.42	150.00	3600.00	2.70	V
						Q.Perm	0	0	-9696	-	40.60	-1351.05	112.50	3600.00	2.66	V
							73	0	-3179	-	15.25	-654.65	112.50	3600.00	5.50	V
							610	0	-5898	-	28.29	-1214.44	112.50	3600.00	2.96	V
35	313	Piano 1	21-50	5	2.5	Caratt.	0	0	858	-	6.18	-278.29	150.00	3600.00	12.94	V
							11	0	538	-	3.87	-174.26	150.00	3600.00	20.66	V
							165	0	-1904	-	13.72	-617.38	150.00	3600.00	5.83	V
						Q.Perm	0	0	205	-	1.48	-66.43	112.50	3600.00	54.19	V
							11	0	21	-	0.15	-6.80	112.50	3600.00	529.28	V
							165	0	-1460	-	10.52	-473.31	112.50	3600.00	7.61	V
36	314	Piano 1	22-31	9	2.5	Caratt.	0	0	-7649	-	34.00	-1269.98	150.00	3600.00	2.83	V
							73	0	-2389	-	11.46	-491.85	150.00	3600.00	7.32	V
							610	0	-8053	-	35.80	-1336.98	150.00	3600.00	2.69	V
						Q.Perm	0	0	-7101	-	31.57	-1178.98	112.50	3600.00	3.05	V
							73	0	-2193	-	10.52	-451.62	112.50	3600.00	7.97	V
							610	0	-7577	-	33.68	-1257.93	112.50	3600.00	2.86	V
37	315	Piano 1	50-22	5	2.5	Caratt.	0	0	-3343	-	24.09	-1083.88	150.00	3600.00	3.32	V
							214	0	2421	-	17.44	-784.98	150.00	3600.00	4.59	V
							325	0	3031	-	19.72	-744.32	150.00	3600.00	4.84	V
						Q.Perm	0	0	-3071	-	22.12	-995.47	112.50	3600.00	3.62	V
							214	0	2208	-	15.91	-715.70	112.50	3600.00	5.03	V
							325	0	2757	-	17.94	-676.99	112.50	3600.00	5.32	V
38	316	Piano 1	23-25	5	2.5	Caratt.	0	0	-1097	-	6.81	-268.51	150.00	3600.00	13.41	V
							241	0	-433	-	2.69	-106.08	150.00	3600.00	33.94	V
							305	0	-1519	-	9.43	-371.85	150.00	3600.00	9.68	V
						Q.Perm	0	0	-954	-	5.92	-233.48	112.50	3600.00	15.42	V
							241	0	-305	-	1.90	-74.74	112.50	3600.00	48.17	V
							305	0	-1258	-	7.81	-307.97	112.50	3600.00	11.69	V
39	317	Piano 1	24-26	5	2.5	Caratt.	0	0	-1133	-	7.38	-278.35	150.00	3600.00	12.93	V
							241	0	-309	-	2.01	-75.95	150.00	3600.00	47.40	V
							305	0	-1058	-	6.88	-259.77	150.00	3600.00	13.86	V
						Q.Perm	0	0	-1011	-	6.58	-248.29	112.50	3600.00	14.50	V
							241	0	-259	-	1.69	-63.66	112.50	3600.00	56.55	V

							305	0	-940	-	6.12	-230.89	112.50	3600.00	15.59	V
40	318	Piano 1	25-34	5	2.5	Caratt.	0	0	-789	-	4.90	-193.11	150.00	3600.00	18.64	V
							36	0	454	-	2.82	-111.12	150.00	3600.00	32.40	V
							315	0	-1340	-	8.32	-327.94	150.00	3600.00	10.98	V
						Q.Perm	0	0	-636	-	3.95	-155.66	112.50	3600.00	23.13	V
							36	0	355	-	2.20	-86.79	112.50	3600.00	41.48	V
							315	0	-1115	-	6.92	-272.82	112.50	3600.00	13.20	V
41	319	Piano 1	26-27	14	2.5	Caratt.	0	0	-487	-	14.96	-468.61	150.00	3600.00	7.68	V
							38	0	-179	-	5.50	-172.44	150.00	3600.00	20.88	V
							375	0	-113	-	3.46	-108.53	150.00	3600.00	33.17	V
						Q.Perm	0	0	-435	-	13.36	-418.36	112.50	3600.00	8.42	V
							38	0	-155	-	4.74	-148.63	112.50	3600.00	23.71	V
							375	0	-3	-	0.09	-2.84	112.50	3600.00	1268.63	V
42	320	Piano 1	26-35	5	2.5	Caratt.	0	0	-1042	-	6.78	-255.89	150.00	3600.00	14.07	V
							249	0	-533	-	3.47	-130.92	150.00	3600.00	27.50	V
							315	0	-1386	-	9.02	-340.40	150.00	3600.00	10.58	V
						Q.Perm	0	0	-912	-	5.94	-224.08	112.50	3600.00	16.07	V
							249	0	-402	-	2.62	-98.74	112.50	3600.00	36.46	V
							315	0	-1176	-	7.65	-288.78	112.50	3600.00	12.47	V
43	321	Piano 1	28-27	13	2.5	Caratt.	0	0	-992	-	8.41	-298.96	150.00	3600.00	12.04	V
							79	0	320	-	2.72	-96.52	150.00	3600.00	37.30	V
							140	0	414	-	3.51	-124.91	150.00	3600.00	28.82	V
						Q.Perm	0	0	-812	-	6.89	-244.82	112.50	3600.00	14.70	V
							79	0	-101	-	0.85	-30.33	112.50	3600.00	118.71	V
							140	0	-90	-	0.76	-27.11	112.50	3600.00	132.80	V
44	322	Piano 1	27-36	5	2.5	Caratt.	0	0	-4268	-	30.75	-1383.65	150.00	3600.00	2.60	V
							49	0	-2407	-	17.34	-780.26	150.00	3600.00	4.61	V
							420	0	-1540	-	11.10	-499.34	150.00	3600.00	7.21	V
						Q.Perm	0	0	-3852	-	27.75	-1248.82	112.50	3600.00	2.88	V
							49	0	-2158	-	15.55	-699.52	112.50	3600.00	5.15	V
							420	0	-1404	-	10.11	-455.10	112.50	3600.00	7.91	V
45	323	Piano 1	29-28	13	2.5	Caratt.	0	0	1040	-	10.25	-414.93	150.00	3600.00	8.68	V
							18	0	970	-	9.56	-387.10	150.00	3600.00	9.30	V
							195	0	-1428	-	14.07	-569.86	150.00	3600.00	6.32	V
						Q.Perm	0	0	898	-	8.85	-358.53	112.50	3600.00	10.04	V
							18	0	830	-	8.18	-331.36	112.50	3600.00	10.86	V
							195	0	-1263	-	12.45	-504.17	112.50	3600.00	7.14	V
46	324	Piano 1	32-28	5	2.5	Caratt.	0	0	-847	-	6.10	-274.66	150.00	3600.00	13.11	V
							158	0	541	-	3.90	-175.34	150.00	3600.00	20.53	V
							210	0	480	-	3.46	-155.55	150.00	3600.00	23.14	V
						Q.Perm	0	0	-726	-	5.23	-235.49	112.50	3600.00	15.29	V
							158	0	390	-	2.81	-126.57	112.50	3600.00	28.44	V
							210	0	315	-	2.27	-102.27	112.50	3600.00	35.20	V
47	325	Piano 1	29-30	5	2.5	Caratt.	0	0	603	-	4.35	-195.64	150.00	3600.00	18.40	V
							19	0	574	-	4.14	-186.11	150.00	3600.00	19.34	V
							210	0	561	-	4.04	-181.82	150.00	3600.00	19.80	V
						Q.Perm	0	0	-9	-	0.07	-2.94	112.50	3600.00	1225.63	V
							19	0	103	-	0.74	-33.33	112.50	3600.00	108.02	V
							210	0	348	-	2.51	-112.92	112.50	3600.00	31.88	V
48	326	Piano 1	29-33	5	2.5	Caratt.	0	0	-2272	-	16.37	-736.64	150.00	3600.00	4.89	V
							23	0	-1875	-	13.51	-607.73	150.00	3600.00	5.92	V
							210	0	-908	-	6.54	-294.22	150.00	3600.00	12.24	V
						Q.Perm	0	0	-2158	-	15.55	-699.54	112.50	3600.00	5.15	V
							23	0	-1780	-	12.83	-577.24	112.50	3600.00	6.24	V
							210	0	-791	-	5.70	-256.40	112.50	3600.00	14.04	V
49	327	Piano 1	30-31	5	2.5	Caratt.	0	0	-1940	-	12.62	-476.42	150.00	3600.00	7.56	V
							193	0	1267	-	8.24	-311.14	150.00	3600.00	11.57	V
							295	0	1556	-	8.96	-307.06	150.00	3600.00	11.72	V
						Q.Perm	0	0	-1776	-	11.55	-436.09	112.50	3600.00	8.26	V
							193	0	1122	-	7.30	-275.46	112.50	3600.00	13.07	V
							295	0	1370	-	7.89	-270.48	112.50	3600.00	13.31	V
50	328	Piano 1	43-30	9	2.5	Caratt.	0	0	-3344	-	14.87	-555.20	150.00	3600.00	6.48	V
							75	0	2351	-	10.80	-482.53	150.00	3600.00	7.46	V
							630	0	-5896	-	26.21	-978.86	150.00	3600.00	3.68	V
						Q.Perm	0	0	-2778	-	12.35	-461.28	112.50	3600.00	7.80	V
							75	0	2009	-	9.23	-412.40	112.50	3600.00	8.73	V
							630	0	-5131	-	22.81	-851.87	112.50	3600.00	4.23	V
51	329	Piano 1	31-44	9	2.5	Caratt.	0	0	-8639	-	38.40	-1434.19	150.00	3600.00	2.51	V
							525	0	2188	-	10.49	-450.51	150.00	3600.00	7.99	V
							630	0	-1364	-	6.06	-226.47	150.00	3600.00	15.90	V
						Q.Perm	0	0	-8041	-	35.74	-1334.97	112.50	3600.00	2.70	V
							525	0	1904	-	9.13	-391.94	112.50	3600.00	9.19	V
							630	0	-1145	-	5.09	-190.03	112.50	3600.00	18.94	V
52	330	Piano 1	32-33	5	2.5	Caratt.	0	0	213	-	1.53	-68.97	150.00	3600.00	52.20	V
							158	0	141	-	1.02	-45.75	150.00	3600.00	78.69	V
							210	0	-236	-	1.70	-76.58	150.00	3600.00	47.01	V
						Q.Perm	0	0	8	-	0.06	-2.55	112.50	3600.00	1410.96	V
							158	0	109	-	0.79	-35.37	112.50	3600.00	101.77	V
							210	0	13	-	0.09	-4.22	112.50	3600.00	853.51	V
53	331	Piano 1	32-37	5	2.5	Caratt.	0	0	-929	-	6.69	-301.16	150.00	3600.00	11.95	V
							158	0	181	-	1.31	-58.75	150.00	3600.00	61.28	V
							210	0	223	-	1.61	-72.46	150.00	3600.00	49.69	V
						Q.Perm	0	0	-760	-	5.48	-246.40	112.50	3600.00	14.61	V
							158	0	109	-	0.79	-35.39	112.50	3600.00	101.72	V
							210	0	123	-	0.88	-39.80	112.50	3600.00	90.45	V
54	332	Piano 1	33-38	5	2.5	Caratt.	0	0	-802	-	5.78	-260.10	150.00	3600.00	13.84	V
							158	0	248	-	1.78	-80.29	150.00	3600.00	44.84	V

							210	0	280	-	2.01	-90.63	150.00	3600.00	39.72	V
						Q.Perm	0	0	-688	-	4.96	-223.16	112.50	3600.00	16.13	V
							158	0	175	-	1.26	-56.76	112.50	3600.00	63.42	V
							210	0	188	-	1.35	-60.90	112.50	3600.00	59.11	V
55	333	Piano 1	34-39	5	2.5	Caratt.	0	0	873	-	5.42	-213.64	150.00	3600.00	16.85	V
							36	0	984	-	6.11	-240.79	150.00	3600.00	14.95	V
							315	0	-2148	-	12.37	-424.00	150.00	3600.00	8.49	V
						Q.Perm	0	0	695	-	4.31	-169.99	112.50	3600.00	21.18	V
							36	0	852	-	5.29	-208.55	112.50	3600.00	17.26	V
							315	0	-1953	-	11.25	-385.53	112.50	3600.00	9.34	V
56	334	Piano 1	35-40	5	2.5	Caratt.	0	0	-1482	-	9.64	-363.96	150.00	3600.00	9.89	V
							249	0	-361	-	2.35	-88.57	150.00	3600.00	40.65	V
							315	0	-1360	-	8.44	-332.80	150.00	3600.00	10.82	V
						Q.Perm	0	0	-1191	-	7.75	-292.47	112.50	3600.00	12.31	V
							249	0	-254	-	1.65	-62.27	112.50	3600.00	57.82	V
							315	0	-1158	-	7.19	-283.41	112.50	3600.00	12.70	V
57	335	Piano 1	37-36	13	2.5	Caratt.	0	0	-465	-	4.58	-185.45	150.00	3600.00	19.41	V
							101	0	802	-	7.91	-320.13	150.00	3600.00	11.25	V
							150	0	830	-	8.18	-331.25	150.00	3600.00	10.87	V
						Q.Perm	0	0	-343	-	3.38	-136.98	112.50	3600.00	26.28	V
							101	0	469	-	4.63	-187.38	112.50	3600.00	19.21	V
							150	0	437	-	4.31	-174.43	112.50	3600.00	20.64	V
58	336	Piano 1	36-41	5	2.5	Caratt.	0	0	-1598	-	11.52	-518.21	150.00	3600.00	6.95	V
							135	0	2016	-	14.53	-653.71	150.00	3600.00	5.51	V
							210	0	2481	-	14.29	-489.58	150.00	3600.00	7.35	V
						Q.Perm	0	0	-1414	-	10.19	-458.52	112.50	3600.00	7.85	V
							135	0	1664	-	11.99	-539.56	112.50	3600.00	6.67	V
							210	0	2013	-	11.60	-397.32	112.50	3600.00	9.06	V
59	337	Piano 1	37-38	5	2.5	Caratt.	0	0	-299	-	2.15	-96.81	150.00	3600.00	37.19	V
							158	0	-241	-	1.74	-78.08	150.00	3600.00	46.11	V
							210	0	-368	-	2.65	-119.34	150.00	3600.00	30.17	V
						Q.Perm	0	0	-252	-	1.82	-81.78	112.50	3600.00	44.02	V
							158	0	-35	-	0.25	-11.32	112.50	3600.00	317.90	V
							210	0	-114	-	0.82	-37.10	112.50	3600.00	97.02	V
60	338	Piano 1	45-39	13	2.5	Caratt.	0	0	-2542	-	20.04	-618.26	150.00	3600.00	5.82	V
							41	0	-1466	-	13.07	-443.28	150.00	3600.00	8.12	V
							360	0	1162	-	10.36	-351.40	150.00	3600.00	10.24	V
						Q.Perm	0	0	-2260	-	17.81	-549.49	112.50	3600.00	6.32	V
							41	0	-1251	-	11.15	-378.39	112.50	3600.00	9.51	V
							360	0	899	-	8.01	-271.87	112.50	3600.00	13.24	V
61	339	Piano 1	39-49	5	2.5	Caratt.	0	0	-7042	-	40.56	-1389.83	150.00	3600.00	2.59	V
							88	0	-1210	-	8.31	-391.22	150.00	3600.00	9.20	V
							750	0	-65	-	0.45	-21.05	150.00	3600.00	171.03	V
						Q.Perm	0	0	-6299	-	36.28	-1243.22	112.50	3600.00	2.90	V
							88	0	-983	-	6.75	-318.01	112.50	3600.00	11.32	V
							750	0	-59	-	0.40	-19.06	112.50	3600.00	188.88	V
62	340	Piano 1	41-40	9	2.5	Caratt.	0	0	-1669	-	6.45	-230.84	150.00	3600.00	15.60	V
							78	0	422	-	2.02	-86.86	150.00	3600.00	41.44	V
							360	0	-1014	-	4.86	-208.78	150.00	3600.00	17.24	V
						Q.Perm	0	0	-629	-	2.43	-86.97	112.50	3600.00	41.39	V
							78	0	396	-	1.90	-81.60	112.50	3600.00	44.12	V
							360	0	-930	-	4.46	-191.58	112.50	3600.00	18.79	V
63	341	Piano 1	46-40	13	2.5	Caratt.	0	0	-460	-	3.90	-138.75	150.00	3600.00	25.95	V
							42	0	-221	-	2.18	-88.14	150.00	3600.00	40.84	V
							366	0	-1536	-	13.69	-464.48	150.00	3600.00	7.75	V
						Q.Perm	0	0	-196	-	1.67	-59.20	112.50	3600.00	60.81	V
							42	0	-20	-	0.20	-8.06	112.50	3600.00	446.53	V
							366	0	-1349	-	12.03	-408.08	112.50	3600.00	8.82	V
64	342	Piano 1	41-42	5	2.5	Caratt.	0	0	-1357	-	7.82	-267.89	150.00	3600.00	13.44	V
							232	0	-301	-	2.07	-97.25	150.00	3600.00	37.02	V
							330	0	-1577	-	9.08	-311.21	150.00	3600.00	11.57	V
						Q.Perm	0	0	-1130	-	6.51	-223.08	112.50	3600.00	16.14	V
							232	0	220	-	1.43	-53.96	112.50	3600.00	66.71	V
							330	0	-842	-	4.85	-166.22	112.50	3600.00	21.66	V
65	343	Piano 1	42-43	5	2.5	Caratt.	0	0	-1084	-	6.73	-265.31	150.00	3600.00	13.57	V
							131	0	963	-	5.98	-235.63	150.00	3600.00	15.28	V
							210	0	1103	-	6.85	-270.01	150.00	3600.00	13.33	V
						Q.Perm	0	0	-905	-	5.62	-221.59	112.50	3600.00	16.25	V
							131	0	747	-	4.64	-182.82	112.50	3600.00	19.69	V
							210	0	831	-	5.16	-203.40	112.50	3600.00	17.70	V
66	344	Piano 1	43-44	5	2.5	Caratt.	0	0	-486	-	3.02	-118.94	150.00	3600.00	30.27	V
							193	0	-767	-	4.76	-187.61	150.00	3600.00	19.19	V
							295	0	-1253	-	6.91	-246.48	150.00	3600.00	14.61	V
						Q.Perm	0	0	-297	-	1.84	-72.63	112.50	3600.00	49.56	V
							193	0	-18	-	0.11	-4.41	112.50	3600.00	816.77	V
							295	0	-305	-	1.68	-59.99	112.50	3600.00	60.01	V
67	345	Piano 1	45-46	13	2.5	Caratt.	0	0	-8877	-	66.07	-1812.21	150.00	3600.00	1.99	V
							377	0	6966	-	54.00	-2090.82	150.00	3600.00	1.72	V
							813	0	-9585	-	71.34	-1956.68	150.00	3600.00	1.84	V
						Q.Perm	0	0	-8282	-	61.64	-1690.65	112.50	3600.00	1.83	V
							377	0	6558	-	50.84	-1968.31	112.50	3600.00	1.83	V
							813	0	-8760	-	65.20	-1788.31	112.50	3600.00	1.73	V
68	401	Piano 2	1-2	5	2.5	Caratt.	0	0	-2103	-	13.68	-516.42	150.00	3600.00	6.97	V
							57	0	415	-	2.99	-134.61	150.00	3600.00	26.74	V
							530	0	-3752	-	24.41	-921.42	150.00	3600.00	3.91	V
						Q.Perm	0	0	-1931	-	12.56	-474.22	112.50	3600.00	7.59	V
							57	0	93	-	0.67	-30.05	112.50	3600.00	119.81	V
							530	0	-3350	-	21.80	-822.76	112.50	3600.00	4.38	V
69	402	Piano 2	1-7	13	2.5	Caratt.	0	0	-1613	-	12.71	-392.22	150.00	3600.00	9.18	V

							34	0	-1030	-	9.18	-311.53	150.00	3600.00	11.56	V
							305	0	-227	-	2.23	-90.50	150.00	3600.00	39.78	V
						Q.Perm	0	0	-1446	-	11.40	-351.62	112.50	3600.00	9.87	V
							34	0	-890	-	7.94	-269.23	112.50	3600.00	13.37	V
							305	0	-167	-	1.64	-66.46	112.50	3600.00	54.17	V
70	403	Piano 2	2-3	5	2.5	Caratt.	0	0	-2062	-	13.42	-506.39	150.00	3600.00	7.11	V
							43	0	-639	-	4.61	-207.29	150.00	3600.00	17.37	V
							405	0	-1798	-	11.70	-441.54	150.00	3600.00	8.15	V
						Q.Perm	0	0	-1941	-	12.63	-476.65	112.50	3600.00	7.55	V
							43	0	-598	-	4.31	-193.94	112.50	3600.00	18.56	V
							405	0	-1358	-	8.84	-333.57	112.50	3600.00	10.79	V
71	404	Piano 2	2-8	14	2.5	Caratt.	0	0	-172	-	5.27	-165.09	150.00	3600.00	21.81	V
							34	0	32	-	0.98	-30.56	150.00	3600.00	117.80	V
							305	0	-471	-	14.46	-452.83	150.00	3600.00	7.95	V
						Q.Perm	0	0	-130	-	4.00	-125.39	112.50	3600.00	28.11	V
							34	0	22	-	0.68	-21.32	112.50	3600.00	165.32	V
							305	0	-432	-	13.27	-415.79	112.50	3600.00	8.48	V
72	405	Piano 2	3-4	5	2.5	Caratt.	0	0	-1729	-	11.25	-424.47	150.00	3600.00	8.48	V
							40	0	-937	-	6.75	-303.74	150.00	3600.00	11.85	V
							375	0	-446	-	3.21	-144.46	150.00	3600.00	24.92	V
						Q.Perm	0	0	-1630	-	10.61	-400.33	112.50	3600.00	8.99	V
							40	0	-861	-	6.20	-278.99	112.50	3600.00	12.90	V
							375	0	-10	-	0.07	-3.11	112.50	3600.00	1157.90	V
73	406	Piano 2	3-9	14	2.5	Caratt.	0	0	-611	-	18.75	-587.33	150.00	3600.00	6.13	V
							34	0	59	-	1.83	-57.20	150.00	3600.00	62.94	V
							305	0	-1250	-	38.38	-1202.35	150.00	3600.00	2.99	V
						Q.Perm	0	0	-512	-	15.73	-492.78	112.50	3600.00	7.15	V
							34	0	62	-	1.91	-59.81	112.50	3600.00	58.92	V
							305	0	-1151	-	35.34	-1106.96	112.50	3600.00	3.18	V
74	407	Piano 2	4-5	5	2.5	Caratt.	0	0	-691	-	4.98	-224.15	150.00	3600.00	16.06	V
							258	0	276	-	1.99	-89.52	150.00	3600.00	40.21	V
							365	0	-517	-	3.72	-167.46	150.00	3600.00	21.50	V
						Q.Perm	0	0	-657	-	4.73	-212.92	112.50	3600.00	16.91	V
							258	0	231	-	1.66	-74.79	112.50	3600.00	48.13	V
							365	0	-193	-	1.39	-62.67	112.50	3600.00	57.45	V
75	408	Piano 2	4-13	9	2.5	Caratt.	0	0	-3490	-	16.74	-718.69	150.00	3600.00	5.01	V
							145	0	4989	-	23.93	-1027.25	150.00	3600.00	3.50	V
							610	0	-9723	-	46.63	-2001.95	150.00	3600.00	1.80	V
						Q.Perm	0	0	-3072	-	14.73	-632.54	112.50	3600.00	5.69	V
							145	0	4566	-	21.90	-940.10	112.50	3600.00	3.83	V
							610	0	-8910	-	42.73	-1834.60	112.50	3600.00	1.96	V
76	409	Piano 2	5-6	5	2.5	Caratt.	0	0	-1824	-	11.87	-447.90	150.00	3600.00	8.04	V
							350	0	665	-	4.79	-215.61	150.00	3600.00	16.70	V
							490	0	-355	-	2.56	-114.98	150.00	3600.00	31.31	V
						Q.Perm	0	0	-1791	-	11.65	-439.79	112.50	3600.00	8.19	V
							350	0	637	-	4.59	-206.58	112.50	3600.00	17.43	V
							490	0	-29	-	0.21	-9.25	112.50	3600.00	389.35	V
77	410	Piano 2	5-14	9	2.5	Caratt.	0	0	-4885	-	23.43	-1005.78	150.00	3600.00	3.58	V
							145	0	4891	-	23.46	-1007.15	150.00	3600.00	3.57	V
							610	0	-11306	-	50.26	-1877.07	150.00	3600.00	1.92	V
						Q.Perm	0	0	-4325	-	20.74	-890.51	112.50	3600.00	4.04	V
							145	0	4508	-	21.62	-928.13	112.50	3600.00	3.88	V
							610	0	-10399	-	46.23	-1726.51	112.50	3600.00	2.09	V
78	411	Piano 2	6-15	9	2.5	Caratt.	0	0	-3737	-	16.61	-620.51	150.00	3600.00	5.80	V
							73	0	873	-	4.19	-179.72	150.00	3600.00	20.03	V
							610	0	-8962	-	39.84	-1487.89	150.00	3600.00	2.42	V
						Q.Perm	0	0	-3403	-	15.13	-565.00	112.50	3600.00	6.37	V
							73	0	817	-	3.92	-168.28	112.50	3600.00	21.39	V
							610	0	-8379	-	37.25	-1391.16	112.50	3600.00	2.59	V
79	412	Piano 2	7-8	5	2.5	Caratt.	0	0	-1841	-	11.98	-452.06	150.00	3600.00	7.96	V
							57	0	1334	-	9.17	-431.53	150.00	3600.00	8.34	V
							530	0	-6210	-	40.40	-1524.94	150.00	3600.00	2.36	V
						Q.Perm	0	0	-1417	-	9.22	-348.07	112.50	3600.00	10.34	V
							57	0	963	-	6.61	-311.26	112.50	3600.00	11.57	V
							530	0	-5364	-	34.90	-1317.22	112.50	3600.00	2.73	V
80	413	Piano 2	7-10	13	2.5	Caratt.	0	0	-1071	-	9.54	-323.84	150.00	3600.00	11.12	V
							241	0	1138	-	11.21	-454.07	150.00	3600.00	7.93	V
							305	0	996	-	8.88	-301.36	150.00	3600.00	11.95	V
						Q.Perm	0	0	-1070	-	9.54	-323.67	112.50	3600.00	11.12	V
							241	0	970	-	9.56	-387.32	112.50	3600.00	9.29	V
							305	0	810	-	7.22	-244.85	112.50	3600.00	14.70	V
81	414	Piano 2	8-9	5	2.5	Caratt.	0	0	-2577	-	16.77	-632.86	150.00	3600.00	5.69	V
							302	0	-615	-	4.43	-199.37	150.00	3600.00	18.06	V
							405	0	-2265	-	14.73	-556.11	150.00	3600.00	6.47	V
						Q.Perm	0	0	-2289	-	14.89	-562.02	112.50	3600.00	6.41	V
							302	0	-214	-	1.54	-69.29	112.50	3600.00	51.96	V
							405	0	-1705	-	11.10	-418.76	112.50	3600.00	8.60	V
82	415	Piano 2	8-11	5	2.5	Caratt.	0	0	1152	-	8.30	-373.44	150.00	3600.00	9.64	V
							241	0	808	-	5.82	-261.85	150.00	3600.00	13.75	V
							305	0	497	-	3.58	-161.08	150.00	3600.00	22.35	V
						Q.Perm	0	0	923	-	6.65	-299.18	112.50	3600.00	12.03	V
							241	0	617	-	4.44	-199.97	112.50	3600.00	18.00	V
							305	0	315	-	2.27	-102.13	112.50	3600.00	35.25	V
83	416	Piano 2	9-12	13	2.5	Caratt.	0	0	-647	-	6.37	-258.05	150.00	3600.00	13.95	V
							34	0	-18	-	0.17	-7.01	150.00	3600.00	513.37	V
							305	0	-1422	-	14.02	-567.73	150.00	3600.00	6.34	V
						Q.Perm	0	0	-582	-	5.73	-232.13	112.50	3600.00	15.51	V
							34	0	-12	-	0.12	-4.86	112.50	3600.00	741.16	V
							305	0	-1315	-	12.96	-525.02	112.50	3600.00	6.86	V

84	417	Piano 2	10-11	5	2.5	Caratt.	0	0	-503	-	3.62	-163.04	150.00	3600.00	22.08	V
							57	0	2251	-	16.22	-729.82	150.00	3600.00	4.93	V
							530	0	-7525	-	48.96	-1848.02	150.00	3600.00	1.95	V
						Q.Perm	0	0	-206	-	1.48	-66.68	112.50	3600.00	53.99	V
							57	0	1875	-	13.51	-607.96	112.50	3600.00	5.92	V
							530	0	-6605	-	42.98	-1622.13	112.50	3600.00	2.22	V
85	418	Piano 2	10-16	13	2.5	Caratt.	0	0	-2366	-	21.09	-715.59	150.00	3600.00	5.03	V
							34	0	-1559	-	15.37	-622.33	150.00	3600.00	5.78	V
							305	0	923	-	8.23	-279.15	150.00	3600.00	12.90	V
						Q.Perm	0	0	-2197	-	19.59	-664.51	112.50	3600.00	5.42	V
							34	0	-1423	-	14.02	-567.83	112.50	3600.00	6.34	V
							305	0	833	-	7.43	-251.93	112.50	3600.00	14.29	V
86	419	Piano 2	11-12	5	2.5	Caratt.	0	0	-3414	-	22.22	-838.49	150.00	3600.00	4.29	V
							43	0	-1452	-	10.46	-470.87	150.00	3600.00	7.65	V
							400	0	-1595	-	10.38	-391.75	150.00	3600.00	9.19	V
						Q.Perm	0	0	-3084	-	20.07	-757.34	112.50	3600.00	4.75	V
							43	0	-1304	-	9.40	-422.90	112.50	3600.00	8.51	V
							400	0	-1067	-	6.94	-261.97	112.50	3600.00	13.74	V
87	420	Piano 2	12-13	14	2.5	Caratt.	0	0	-921	-	28.28	-885.97	150.00	3600.00	4.06	V
							41	0	-492	-	15.11	-473.25	150.00	3600.00	7.61	V
							380	0	201	-	6.17	-193.20	150.00	3600.00	18.63	V
						Q.Perm	0	0	-841	-	25.83	-809.21	112.50	3600.00	4.36	V
							41	0	-448	-	13.76	-431.11	112.50	3600.00	8.17	V
							380	0	177	-	5.45	-170.74	112.50	3600.00	20.64	V
88	421	Piano 2	12-17	13	2.5	Caratt.	0	0	-1402	-	13.82	-559.64	150.00	3600.00	6.43	V
							241	0	-66	-	0.65	-26.33	150.00	3600.00	136.71	V
							305	0	-712	-	7.02	-284.31	150.00	3600.00	12.66	V
						Q.Perm	0	0	-1286	-	12.68	-513.31	112.50	3600.00	7.01	V
							241	0	-36	-	0.35	-14.35	112.50	3600.00	250.90	V
							305	0	-616	-	6.07	-246.00	112.50	3600.00	14.63	V
89	422	Piano 2	13-14	5	2.5	Caratt.	0	0	473	-	3.41	-153.43	150.00	3600.00	23.46	V
							258	0	-583	-	4.20	-188.87	150.00	3600.00	19.06	V
							365	0	-1034	-	6.73	-253.83	150.00	3600.00	14.18	V
						Q.Perm	0	0	-4	-	0.03	-1.38	112.50	3600.00	2606.74	V
							258	0	-174	-	1.25	-56.33	112.50	3600.00	63.91	V
							365	0	-495	-	3.22	-121.54	112.50	3600.00	29.62	V
90	423	Piano 2	13-20	9	2.5	Caratt.	0	0	-8967	-	43.00	-1846.36	150.00	3600.00	1.95	V
							73	0	-3090	-	14.82	-636.23	150.00	3600.00	5.66	V
							610	0	-8673	-	41.59	-1785.85	150.00	3600.00	2.02	V
						Q.Perm	0	0	-8188	-	39.27	-1685.91	112.50	3600.00	2.14	V
							73	0	-2838	-	13.61	-584.44	112.50	3600.00	6.16	V
							610	0	-7866	-	37.72	-1619.54	112.50	3600.00	2.22	V
91	424	Piano 2	14-15	5	2.5	Caratt.	0	0	-1882	-	12.24	-462.08	150.00	3600.00	7.79	V
							350	0	922	-	6.64	-298.92	150.00	3600.00	12.04	V
							490	0	753	-	4.90	-184.80	150.00	3600.00	19.48	V
						Q.Perm	0	0	-1801	-	11.72	-442.32	112.50	3600.00	8.14	V
							350	0	884	-	6.37	-286.50	112.50	3600.00	12.57	V
							490	0	721	-	4.69	-177.12	112.50	3600.00	20.33	V
92	425	Piano 2	14-21	9	2.5	Caratt.	0	0	-10299	-	45.78	-1709.89	150.00	3600.00	2.11	V
							508	0	-3175	-	14.11	-527.16	150.00	3600.00	6.83	V
							610	0	-9715	-	43.18	-1612.87	150.00	3600.00	2.23	V
						Q.Perm	0	0	-9409	-	41.82	-1562.05	112.50	3600.00	2.30	V
							508	0	-2905	-	12.92	-482.37	112.50	3600.00	7.46	V
							610	0	-8877	-	39.46	-1473.81	112.50	3600.00	2.44	V
93	426	Piano 2	15-22	9	2.5	Caratt.	0	0	-8118	-	36.08	-1347.72	150.00	3600.00	2.67	V
							508	0	-2256	-	10.82	-464.60	150.00	3600.00	7.75	V
							610	0	-7353	-	32.69	-1220.75	150.00	3600.00	2.95	V
						Q.Perm	0	0	-7539	-	33.51	-1251.62	112.50	3600.00	2.88	V
							508	0	-2099	-	10.07	-432.15	112.50	3600.00	8.33	V
							610	0	-6856	-	30.48	-1138.23	112.50	3600.00	3.16	V
94	427	Piano 2	16-17	9	2.5	Caratt.	0	0	-11775	-	52.34	-1954.85	150.00	3600.00	1.84	V
							430	0	11084	-	53.91	-1856.84	150.00	3600.00	1.94	V
							950	0	-15726	-	65.85	-2191.28	150.00	3600.00	1.64	V
						Q.Perm	0	0	-10707	-	47.60	-1777.68	112.50	3600.00	2.03	V
							430	0	10178	-	49.50	-1705.05	112.50	3600.00	2.11	V
							950	0	-14202	-	59.47	-1978.98	112.50	3600.00	1.82	V
95	428	Piano 2	16-18	13	2.5	Caratt.	0	0	-654	-	5.55	-197.17	150.00	3600.00	18.26	V
							241	0	279	-	2.37	-84.14	150.00	3600.00	42.79	V
							305	0	-110	-	0.93	-33.15	150.00	3600.00	108.58	V
						Q.Perm	0	0	-645	-	5.47	-194.51	112.50	3600.00	18.51	V
							241	0	264	-	2.24	-79.48	112.50	3600.00	45.29	V
							305	0	-59	-	0.50	-17.75	112.50	3600.00	202.84	V
96	429	Piano 2	17-19	13	2.5	Caratt.	0	0	-854	-	7.61	-258.28	150.00	3600.00	13.94	V
							34	0	-142	-	1.26	-42.88	150.00	3600.00	83.95	V
							305	0	-963	-	8.59	-291.31	150.00	3600.00	12.36	V
						Q.Perm	0	0	-772	-	6.88	-233.34	112.50	3600.00	15.43	V
							34	0	-124	-	1.10	-37.47	112.50	3600.00	96.08	V
							305	0	-861	-	7.67	-260.33	112.50	3600.00	13.83	V
97	430	Piano 2	18-19	9	2.5	Caratt.	0	0	-11124	-	49.45	-1846.77	150.00	3600.00	1.95	V
							430	0	11126	-	54.11	-1863.94	150.00	3600.00	1.93	V
							950	0	-16417	-	68.75	-2287.59	150.00	3600.00	1.57	V
						Q.Perm	0	0	-10084	-	44.83	-1674.23	112.50	3600.00	2.15	V
							430	0	10210	-	49.66	-1710.54	112.50	3600.00	2.10	V
							950	0	-14874	-	62.28	-2072.52	112.50	3600.00	1.74	V
98	431	Piano 2	18-23	13	2.5	Caratt.	0	0	-521	-	4.42	-156.94	150.00	3600.00	22.94	V
							34	0	-105	-	0.89	-31.76	150.00	3600.00	113.35	V
							305	0	-430	-	3.65	-129.70	150.00	3600.00	27.76	V
						Q.Perm	0	0	-516	-	4.37	-155.46	112.50	3600.00	23.16	V
							34	0	-102	-	0.87	-30.87	112.50	3600.00	116.63	V

							305	0	-376	-	3.19	-113.33	112.50	3600.00	31.76	V
99	432	Piano 2	19-20	14	2.5	Caratt.	0	0	-963	-	29.58	-926.55	150.00	3600.00	3.89	V
							36	0	-566	-	17.39	-544.87	150.00	3600.00	6.61	V
							360	0	371	-	11.40	-357.20	150.00	3600.00	10.08	V
						Q.Perm	0	0	-876	-	26.90	-842.59	112.50	3600.00	4.18	V
							36	0	-514	-	15.77	-493.96	112.50	3600.00	7.13	V
							360	0	331	-	10.16	-318.36	112.50	3600.00	11.07	V
100	433	Piano 2	19-24	13	2.5	Caratt.	0	0	-643	-	6.34	-256.55	150.00	3600.00	14.03	V
							241	0	-507	-	4.99	-202.24	150.00	3600.00	17.80	V
							305	0	-1316	-	11.73	-397.85	150.00	3600.00	9.05	V
						Q.Perm	0	0	-573	-	5.65	-228.66	112.50	3600.00	15.74	V
							241	0	-461	-	4.54	-183.84	112.50	3600.00	19.58	V
							305	0	-1198	-	10.67	-362.15	112.50	3600.00	9.94	V
101	434	Piano 2	20-21	5	2.5	Caratt.	0	0	-1264	-	8.22	-310.36	150.00	3600.00	11.60	V
							258	0	1045	-	7.53	-338.68	150.00	3600.00	10.63	V
							365	0	1064	-	6.93	-261.40	150.00	3600.00	13.77	V
						Q.Perm	0	0	-1106	-	7.20	-271.63	112.50	3600.00	13.25	V
							258	0	909	-	6.55	-294.82	112.50	3600.00	12.21	V
							365	0	900	-	5.86	-221.09	112.50	3600.00	16.28	V
102	435	Piano 2	20-27	9	2.5	Caratt.	0	0	-8839	-	42.39	-1819.92	150.00	3600.00	1.98	V
							290	0	5830	-	27.96	-1200.41	150.00	3600.00	3.00	V
							610	0	-6209	-	29.77	-1278.35	150.00	3600.00	2.82	V
						Q.Perm	0	0	-7999	-	38.36	-1646.99	112.50	3600.00	2.19	V
							290	0	5298	-	25.41	-1090.85	112.50	3600.00	3.30	V
							610	0	-5658	-	27.14	-1165.06	112.50	3600.00	3.09	V
103	436	Piano 2	21-29	9	2.5	Caratt.	0	0	-10881	-	48.37	-1806.57	150.00	3600.00	1.99	V
							73	0	-3656	-	17.53	-752.71	150.00	3600.00	4.78	V
							610	0	-6047	-	29.00	-1245.13	150.00	3600.00	2.89	V
						Q.Perm	0	0	-9873	-	43.89	-1639.11	112.50	3600.00	2.20	V
							73	0	-3287	-	15.77	-676.89	112.50	3600.00	5.32	V
							610	0	-5525	-	26.49	-1137.52	112.50	3600.00	3.16	V
104	437	Piano 2	21-50	5	2.5	Caratt.	0	0	1294	-	9.32	-419.49	150.00	3600.00	8.58	V
							11	0	847	-	6.10	-274.53	150.00	3600.00	13.11	V
							165	0	-2522	-	18.17	-817.65	150.00	3600.00	4.40	V
						Q.Perm	0	0	770	-	5.55	-249.63	112.50	3600.00	14.42	V
							11	0	437	-	3.15	-141.65	112.50	3600.00	25.42	V
							165	0	-2088	-	15.04	-676.95	112.50	3600.00	5.32	V
105	438	Piano 2	22-31	9	2.5	Caratt.	0	0	-7672	-	34.10	-1273.76	150.00	3600.00	2.83	V
							73	0	-2460	-	11.80	-506.56	150.00	3600.00	7.11	V
							610	0	-7501	-	33.34	-1245.29	150.00	3600.00	2.89	V
						Q.Perm	0	0	-7103	-	31.58	-1179.31	112.50	3600.00	3.05	V
							73	0	-2253	-	10.80	-463.81	112.50	3600.00	7.76	V
							610	0	-7037	-	31.28	-1168.23	112.50	3600.00	3.08	V
106	439	Piano 2	50-22	5	2.5	Caratt.	0	0	-4327	-	28.16	-1062.62	150.00	3600.00	3.39	V
							31	0	-3154	-	22.72	-1022.39	150.00	3600.00	3.52	V
							325	0	3564	-	21.51	-706.39	150.00	3600.00	5.10	V
						Q.Perm	0	0	-4005	-	26.06	-983.62	112.50	3600.00	3.66	V
							31	0	-2912	-	20.98	-944.20	112.50	3600.00	3.81	V
							325	0	3305	-	19.94	-654.93	112.50	3600.00	5.50	V
107	440	Piano 2	23-24	9	2.5	Caratt.	0	0	-11242	-	47.07	-1566.42	150.00	3600.00	2.30	V
							430	0	11172	-	47.63	-1848.26	150.00	3600.00	1.95	V
							950	0	-16242	-	68.01	-2263.12	150.00	3600.00	1.59	V
						Q.Perm	0	0	-10182	-	42.64	-1418.80	112.50	3600.00	2.54	V
							430	0	10259	-	43.73	-1697.20	112.50	3600.00	2.12	V
							950	0	-14678	-	61.46	-2045.29	112.50	3600.00	1.76	V
108	441	Piano 2	23-25	13	2.5	Caratt.	0	0	-270	-	2.29	-81.32	150.00	3600.00	44.27	V
							241	0	-187	-	1.58	-56.24	150.00	3600.00	64.01	V
							305	0	-635	-	5.38	-191.37	150.00	3600.00	18.81	V
						Q.Perm	0	0	-273	-	2.32	-82.43	112.50	3600.00	43.68	V
							241	0	-145	-	1.23	-43.84	112.50	3600.00	82.11	V
							305	0	-579	-	4.92	-174.70	112.50	3600.00	20.61	V
109	442	Piano 2	24-26	13	2.5	Caratt.	0	0	-1037	-	9.25	-313.69	150.00	3600.00	11.48	V
							241	0	-267	-	2.38	-80.70	150.00	3600.00	44.61	V
							305	0	-986	-	8.79	-298.21	150.00	3600.00	12.07	V
						Q.Perm	0	0	-936	-	8.34	-282.92	112.50	3600.00	12.72	V
							241	0	-240	-	2.13	-72.44	112.50	3600.00	49.70	V
							305	0	-893	-	7.96	-270.07	112.50	3600.00	13.33	V
110	443	Piano 2	25-26	9	2.5	Caratt.	0	0	-10740	-	44.76	-1426.34	150.00	3600.00	2.52	V
							215	0	6703	-	31.43	-1450.25	150.00	3600.00	2.48	V
							950	0	-17118	-	71.34	-2273.27	150.00	3600.00	1.58	V
						Q.Perm	0	0	-9716	-	40.49	-1290.27	112.50	3600.00	2.78	V
							215	0	6024	-	28.24	-1303.41	112.50	3600.00	2.76	V
							950	0	-15509	-	64.63	-2059.58	112.50	3600.00	1.74	V
111	444	Piano 2	25-34	13	2.5	Caratt.	0	0	245	-	2.08	-73.84	150.00	3600.00	48.76	V
							36	0	502	-	4.71	-199.95	150.00	3600.00	18.00	V
							315	0	-1099	-	9.80	-332.35	150.00	3600.00	10.83	V
						Q.Perm	0	0	151	-	1.28	-45.45	112.50	3600.00	79.20	V
							36	0	430	-	4.03	-171.25	112.50	3600.00	21.02	V
							315	0	-1016	-	9.06	-307.39	112.50	3600.00	11.71	V
112	445	Piano 2	26-27	14	2.5	Caratt.	0	0	-849	-	26.08	-817.09	150.00	3600.00	4.41	V
							38	0	-465	-	14.27	-447.06	150.00	3600.00	8.05	V
							375	0	259	-	7.96	-249.33	150.00	3600.00	14.44	V
						Q.Perm	0	0	-773	-	23.72	-743.16	112.50	3600.00	4.74	V
							38	0	-421	-	12.93	-404.91	112.50	3600.00	8.70	V
							375	0	229	-	7.04	-220.46	112.50	3600.00	15.99	V
113	446	Piano 2	26-35	13	2.5	Caratt.	0	0	-984	-	9.70	-392.73	150.00	3600.00	9.17	V
							249	0	-299	-	2.94	-119.22	150.00	3600.00	30.20	V
							315	0	-1091	-	9.73	-330.01	150.00	3600.00	10.91	V
						Q.Perm	0	0	-889	-	8.76	-354.82	112.50	3600.00	10.15	V
							249	0	-253	-	2.50	-101.14	112.50	3600.00	35.59	V
							315	0	-971	-	8.66	-293.74	112.50	3600.00	12.26	V
114	447	Piano 2	28-27	13	2.5	Caratt.	0	0	-1650	-	16.26	-658.53	150.00	3600.00	5.47	V
							79	0	370	-	3.65	-147.69	150.00	3600.00	24.37	V
							140	0	557	-	5.49	-222.44	150.00	3600.00	16.18	V
						Q.Perm	0	0	-1442	-	14.21	-575.34	112.50	3600.00	6.26	V

							79	0	31	-	0.30	-12.20	112.50	3600.00	295.16	V
							140	0	150	-	1.48	-59.82	112.50	3600.00	60.18	V
115	448	Piano 2	27-36	5	2.5	Caratt.	0	0	-4020	-	28.96	-1303.30	150.00	3600.00	2.76	V
							49	0	-2198	-	15.84	-712.60	150.00	3600.00	5.05	V
							420	0	-1569	-	11.31	-508.82	150.00	3600.00	7.08	V
						Q.Perm	0	0	-3640	-	26.22	-1180.02	112.50	3600.00	3.05	V
							49	0	-1979	-	14.26	-641.75	112.50	3600.00	5.61	V
							420	0	-1446	-	10.42	-468.93	112.50	3600.00	7.68	V
116	449	Piano 2	29-28	13	2.5	Caratt.	0	0	1898	-	16.92	-573.90	150.00	3600.00	6.27	V
							18	0	1597	-	15.74	-637.54	150.00	3600.00	5.65	V
							195	0	-2414	-	23.80	-963.62	150.00	3600.00	3.74	V
						Q.Perm	0	0	1688	-	15.05	-510.62	112.50	3600.00	7.05	V
							18	0	1409	-	13.89	-562.41	112.50	3600.00	6.40	V
							195	0	-2163	-	21.32	-863.27	112.50	3600.00	4.17	V
117	450	Piano 2	32-28	5	2.5	Caratt.	0	0	-1134	-	8.17	-367.65	150.00	3600.00	9.79	V
							158	0	675	-	4.86	-218.79	150.00	3600.00	16.45	V
							210	0	677	-	4.88	-219.56	150.00	3600.00	16.40	V
						Q.Perm	0	0	-966	-	6.96	-313.12	112.50	3600.00	11.50	V
							158	0	548	-	3.95	-177.63	112.50	3600.00	20.27	V
							210	0	530	-	3.82	-171.72	112.50	3600.00	20.96	V
118	451	Piano 2	29-30	5	2.5	Caratt.	0	0	426	-	3.07	-138.00	150.00	3600.00	26.09	V
							131	0	769	-	5.54	-249.30	150.00	3600.00	14.44	V
							210	0	816	-	5.88	-264.42	150.00	3600.00	13.61	V
						Q.Perm	0	0	-93	-	0.67	-29.99	112.50	3600.00	120.03	V
							131	0	602	-	4.34	-195.14	112.50	3600.00	18.45	V
							210	0	624	-	4.50	-202.41	112.50	3600.00	17.79	V
119	452	Piano 2	29-33	5	2.5	Caratt.	0	0	-1317	-	9.49	-427.03	150.00	3600.00	8.43	V
							23	0	-1116	-	8.04	-361.89	150.00	3600.00	9.95	V
							210	0	-1604	-	11.55	-519.88	150.00	3600.00	6.92	V
						Q.Perm	0	0	-1258	-	9.07	-407.98	112.50	3600.00	8.82	V
							23	0	-1070	-	7.71	-346.90	112.50	3600.00	10.38	V
							210	0	-1402	-	10.10	-454.66	112.50	3600.00	7.92	V
120	453	Piano 2	30-31	5	2.5	Caratt.	0	0	-1742	-	11.33	-427.80	150.00	3600.00	8.42	V
							193	0	997	-	6.49	-244.84	150.00	3600.00	14.70	V
							295	0	1218	-	7.02	-240.42	150.00	3600.00	14.97	V
						Q.Perm	0	0	-1677	-	10.91	-411.94	112.50	3600.00	8.74	V
							193	0	982	-	6.39	-241.05	112.50	3600.00	14.93	V
							295	0	1196	-	6.89	-236.10	112.50	3600.00	15.25	V
121	454	Piano 2	30-43	9	2.5	Caratt.	0	0	-6366	-	30.53	-1310.72	150.00	3600.00	2.75	V
							450	0	5342	-	25.62	-1099.86	150.00	3600.00	3.27	V
							630	0	-4087	-	19.60	-841.56	150.00	3600.00	4.28	V
						Q.Perm	0	0	-5581	-	26.77	-1149.18	112.50	3600.00	3.13	V
							450	0	4675	-	22.42	-962.59	112.50	3600.00	3.74	V
							630	0	-3521	-	16.88	-724.95	112.50	3600.00	4.97	V
122	455	Piano 2	31-44	9	2.5	Caratt.	0	0	-7915	-	35.18	-1314.06	150.00	3600.00	2.74	V
							525	0	1199	-	5.75	-246.84	150.00	3600.00	14.58	V
							630	0	-2145	-	10.29	-441.74	150.00	3600.00	8.15	V
						Q.Perm	0	0	-7425	-	33.00	-1232.68	112.50	3600.00	2.92	V
							525	0	1077	-	5.17	-221.79	112.50	3600.00	16.23	V
							630	0	-2024	-	9.71	-416.80	112.50	3600.00	8.64	V
123	456	Piano 2	32-33	5	2.5	Caratt.	0	0	-144	-	1.04	-46.81	150.00	3600.00	76.90	V
							158	0	258	-	1.86	-83.51	150.00	3600.00	43.11	V
							210	0	200	-	1.44	-64.71	150.00	3600.00	55.64	V
						Q.Perm	0	0	-122	-	0.88	-39.46	112.50	3600.00	91.22	V
							158	0	226	-	1.63	-73.37	112.50	3600.00	49.07	V
							210	0	165	-	1.19	-53.65	112.50	3600.00	67.11	V
124	457	Piano 2	32-37	5	2.5	Caratt.	0	0	-1128	-	8.13	-365.65	150.00	3600.00	9.85	V
							158	0	99	-	0.71	-32.01	150.00	3600.00	112.46	V
							210	0	156	-	1.13	-50.65	150.00	3600.00	71.07	V
						Q.Perm	0	0	-946	-	6.82	-306.69	112.50	3600.00	11.74	V
							158	0	69	-	0.49	-22.21	112.50	3600.00	162.06	V
							210	0	103	-	0.74	-33.35	112.50	3600.00	107.93	V
125	458	Piano 2	33-38	5	2.5	Caratt.	0	0	-1252	-	9.02	-405.98	150.00	3600.00	8.87	V
							158	0	21	-	0.15	-6.71	150.00	3600.00	536.18	V
							210	0	72	-	0.52	-23.46	150.00	3600.00	153.46	V
						Q.Perm	0	0	-1099	-	7.92	-356.45	112.50	3600.00	10.10	V
							158	0	4	-	0.03	-1.41	112.50	3600.00	2546.96	V
							210	0	51	-	0.37	-16.69	112.50	3600.00	215.66	V
126	459	Piano 2	34-35	9	2.5	Caratt.	0	0	-11470	-	45.14	-1279.59	150.00	3600.00	2.81	V
							215	0	6451	-	28.75	-1391.80	150.00	3600.00	2.59	V
							950	0	-16725	-	65.82	-1865.89	150.00	3600.00	1.93	V
						Q.Perm	0	0	-10391	-	40.89	-1159.28	112.50	3600.00	2.75	V
							215	0	5787	-	25.80	-1248.63	112.50	3600.00	2.88	V
							950	0	-15110	-	59.46	-1685.69	112.50	3600.00	1.89	V
127	460	Piano 2	34-39	13	2.5	Caratt.	0	0	953	-	8.49	-288.21	150.00	3600.00	12.49	V
							249	0	-963	-	9.49	-384.42	150.00	3600.00	9.36	V
							315	0	-1722	-	15.35	-520.86	150.00	3600.00	6.91	V
						Q.Perm	0	0	829	-	7.39	-250.73	112.50	3600.00	14.36	V
							249	0	-884	-	8.72	-353.00	112.50	3600.00	10.20	V
							315	0	-1615	-	14.40	-488.43	112.50	3600.00	7.37	V
128	461	Piano 2	35-40	13	2.5	Caratt.	0	0	-1014	-	10.00	-404.81	150.00	3600.00	8.89	V
							249	0	-814	-	8.03	-325.03	150.00	3600.00	11.08	V
							315	0	-1867	-	16.64	-564.49	150.00	3600.00	6.38	V
						Q.Perm	0	0	-852	-	8.39	-339.92	112.50	3600.00	10.59	V
							249	0	-741	-	7.30	-295.58	112.50	3600.00	12.18	V
							315	0	-1694	-	15.10	-512.36	112.50	3600.00	7.03	V
129	462	Piano 2	37-36	13	2.5	Caratt.	0	0	-605	-	5.96	-241.37	150.00	3600.00	14.91	V

							101	0	760	-	7.49	-303.41	150.00	3600.00	11.87	V
							150	0	801	-	7.90	-319.74	150.00	3600.00	11.26	V
						Q.Perm	0	0	-493	-	4.86	-196.77	112.50	3600.00	18.30	V
							101	0	487	-	4.80	-194.22	112.50	3600.00	18.54	V
							150	0	478	-	4.71	-190.79	112.50	3600.00	18.87	V
130	463	Piano 2	36-41	5	2.5	Caratt.	0	0	-1296	-	9.34	-420.21	150.00	3600.00	8.57	V
							158	0	1757	-	12.66	-569.73	150.00	3600.00	6.32	V
							210	0	1834	-	11.93	-450.31	150.00	3600.00	7.99	V
						Q.Perm	0	0	-1181	-	8.51	-383.03	112.50	3600.00	9.40	V
							158	0	1457	-	10.50	-472.34	112.50	3600.00	7.62	V
							210	0	1505	-	9.79	-369.49	112.50	3600.00	9.74	V
131	464	Piano 2	37-38	5	2.5	Caratt.	0	0	-399	-	2.88	-129.45	150.00	3600.00	27.81	V
							158	0	-218	-	1.57	-70.68	150.00	3600.00	50.94	V
							210	0	-329	-	2.37	-106.68	150.00	3600.00	33.75	V
						Q.Perm	0	0	-351	-	2.53	-113.77	112.50	3600.00	31.64	V
							158	0	-37	-	0.27	-11.93	112.50	3600.00	301.66	V
							210	0	-103	-	0.74	-33.23	112.50	3600.00	108.33	V
132	465	Piano 2	45-39	13	2.5	Caratt.	0	0	-1589	-	15.66	-634.20	150.00	3600.00	5.68	V
							289	0	1348	-	13.29	-538.18	150.00	3600.00	6.69	V
							360	0	1429	-	12.73	-432.04	150.00	3600.00	8.33	V
						Q.Perm	0	0	-1470	-	14.49	-586.63	112.50	3600.00	6.14	V
							289	0	1219	-	12.01	-486.41	112.50	3600.00	7.40	V
							360	0	1280	-	11.41	-387.03	112.50	3600.00	9.30	V
133	466	Piano 2	39-49	9	2.5	Caratt.	0	0	-11473	-	48.04	-1598.66	150.00	3600.00	2.25	V
							176	0	5316	-	25.49	-1094.51	150.00	3600.00	3.29	V
							750	0	-64	-	0.28	-10.58	150.00	3600.00	340.19	V
						Q.Perm	0	0	-10387	-	43.50	-1447.40	112.50	3600.00	2.49	V
							176	0	4697	-	22.53	-967.18	112.50	3600.00	3.72	V
							750	0	-58	-	0.26	-9.64	112.50	3600.00	373.54	V
134	467	Piano 2	40-41	9	2.5	Caratt.	0	0	-1583	-	7.59	-325.93	150.00	3600.00	11.05	V
							233	0	518	-	2.48	-106.66	150.00	3600.00	33.75	V
							355	0	-1078	-	4.17	-149.11	150.00	3600.00	24.14	V
						Q.Perm	0	0	-1461	-	7.01	-300.84	112.50	3600.00	11.97	V
							233	0	499	-	2.39	-102.75	112.50	3600.00	35.04	V
							355	0	-260	-	1.00	-35.96	112.50	3600.00	100.10	V
135	468	Piano 2	46-40	5	2.5	Caratt.	0	0	-236	-	1.70	-76.53	150.00	3600.00	47.04	V
							291	0	-1306	-	9.41	-423.41	150.00	3600.00	8.50	V
							366	0	-1903	-	13.71	-616.96	150.00	3600.00	5.84	V
						Q.Perm	0	0	-198	-	1.42	-64.09	112.50	3600.00	56.17	V
							291	0	-1201	-	8.65	-389.21	112.50	3600.00	9.25	V
							366	0	-1768	-	12.74	-573.23	112.50	3600.00	6.28	V
136	469	Piano 2	41-42	5	2.5	Caratt.	0	0	-1441	-	8.30	-284.34	150.00	3600.00	12.66	V
							241	0	314	-	2.05	-77.21	150.00	3600.00	46.63	V
							335	0	-1434	-	8.26	-282.99	150.00	3600.00	12.72	V
						Q.Perm	0	0	-1238	-	7.13	-244.27	112.50	3600.00	14.74	V
							241	0	222	-	1.45	-54.59	112.50	3600.00	65.94	V
							335	0	-839	-	4.83	-165.57	112.50	3600.00	21.74	V
137	470	Piano 2	42-43	5	2.5	Caratt.	0	0	-1168	-	7.25	-285.91	150.00	3600.00	12.59	V
							131	0	1231	-	7.64	-301.30	150.00	3600.00	11.95	V
							210	0	1431	-	8.24	-282.49	150.00	3600.00	12.74	V
						Q.Perm	0	0	-1061	-	6.59	-259.75	112.50	3600.00	13.86	V
							131	0	1046	-	6.49	-256.08	112.50	3600.00	14.06	V
							210	0	1205	-	6.94	-237.84	112.50	3600.00	15.14	V
138	471	Piano 2	43-44	5	2.5	Caratt.	0	0	774	-	4.80	-189.41	150.00	3600.00	19.01	V
							193	0	-966	-	6.00	-236.41	150.00	3600.00	15.23	V
							295	0	-1519	-	8.37	-298.76	150.00	3600.00	12.05	V
						Q.Perm	0	0	290	-	1.80	-70.85	112.50	3600.00	50.81	V
							193	0	-468	-	2.91	-114.61	112.50	3600.00	31.41	V
							295	0	-883	-	4.87	-173.64	112.50	3600.00	20.73	V
139	472	Piano 2	45-46	5	2.5	Caratt.	0	0	-6226	-	37.57	-1233.93	150.00	3600.00	2.92	V
							377	0	6426	-	42.20	-2073.71	150.00	3600.00	1.74	V
							813	0	-7083	-	42.74	-1403.78	150.00	3600.00	2.56	V
						Q.Perm	0	0	-5659	-	34.15	-1121.44	112.50	3600.00	3.21	V
							377	0	5855	-	38.45	-1889.58	112.50	3600.00	1.91	V
							813	0	-6275	-	37.87	-1243.59	112.50	3600.00	2.89	V
140	519	Piano 3	1-2	5	2.5	Caratt.	0	0	-1448	-	10.43	-469.53	150.00	3600.00	7.67	V
							57	0	382	-	2.75	-123.88	150.00	3600.00	29.06	V
							530	0	-2700	-	19.45	-875.43	150.00	3600.00	4.11	V
						Q.Perm	0	0	-1290	-	9.29	-418.13	112.50	3600.00	8.61	V
							57	0	241	-	1.74	-78.23	112.50	3600.00	46.02	V
							530	0	-2425	-	17.47	-786.13	112.50	3600.00	4.58	V
141	520	Piano 3	1-7	13	2.5	Caratt.	0	0	-959	-	9.45	-382.71	150.00	3600.00	9.41	V
							34	0	-568	-	5.60	-226.62	150.00	3600.00	15.89	V
							305	0	532	-	5.24	-212.36	150.00	3600.00	16.95	V
						Q.Perm	0	0	-838	-	8.25	-334.26	112.50	3600.00	10.77	V
							34	0	-487	-	4.80	-194.50	112.50	3600.00	18.51	V
							305	0	405	-	4.00	-161.79	112.50	3600.00	22.25	V
142	521	Piano 3	2-3	5	2.5	Caratt.	0	0	-1918	-	13.82	-621.79	150.00	3600.00	5.79	V
							43	0	-755	-	5.44	-244.66	150.00	3600.00	14.71	V
							405	0	-1169	-	8.42	-378.90	150.00	3600.00	9.50	V
						Q.Perm	0	0	-1747	-	12.59	-566.49	112.50	3600.00	6.35	V
							43	0	-684	-	4.93	-221.85	112.50	3600.00	16.23	V
							405	0	-973	-	7.01	-315.41	112.50	3600.00	11.41	V
143	522	Piano 3	2-8	14	2.5	Caratt.	0	0	-150	-	4.60	-144.14	150.00	3600.00	24.98	V
							34	0	65	-	1.99	-62.26	150.00	3600.00	57.82	V
							305	0	-280	-	8.61	-269.58	150.00	3600.00	13.35	V
						Q.Perm	0	0	-113	-	3.48	-108.89	112.50	3600.00	32.36	V
							34	0	57	-	1.76	-55.28	112.50	3600.00	63.75	V
							305	0	-270	-	8.28	-259.49	112.50	3600.00	13.58	V
144	523	Piano 3	3-4	5	2.5	Caratt.	0	0	-1518	-	10.94	-492.15	150.00	3600.00	7.31	V

							40	0	-950	-	6.85	-308.06	150.00	3600.00	11.69	V
							375	0	471	-	3.39	-152.73	150.00	3600.00	23.57	V
						Q.Perm	0	0	-1398	-	10.07	-453.33	112.50	3600.00	7.94	V
							40	0	-867	-	6.25	-281.02	112.50	3600.00	12.81	V
							375	0	408	-	2.94	-132.12	112.50	3600.00	27.25	V
145	524	Piano 3	3-9	14	2.5	Caratt.	0	0	-402	-	12.34	-386.54	150.00	3600.00	9.31	V
							69	0	634	-	19.46	-609.53	150.00	3600.00	5.91	V
							305	0	-1290	-	39.60	-1240.44	150.00	3600.00	2.90	V
						Q.Perm	0	0	-327	-	10.05	-314.87	112.50	3600.00	11.19	V
							69	0	580	-	17.82	-558.22	112.50	3600.00	6.31	V
							305	0	-1183	-	36.33	-1138.22	112.50	3600.00	3.10	V
146	525	Piano 3	4-5	5	2.5	Caratt.	0	0	-156	-	1.12	-50.47	150.00	3600.00	71.32	V
							258	0	63	-	0.45	-20.33	150.00	3600.00	177.10	V
							365	0	-335	-	2.42	-108.75	150.00	3600.00	33.10	V
						Q.Perm	0	0	-100	-	0.72	-32.28	112.50	3600.00	111.51	V
							258	0	33	-	0.24	-10.62	112.50	3600.00	339.06	V
							365	0	-245	-	1.77	-79.53	112.50	3600.00	45.27	V
147	526	Piano 3	4-13	9	2.5	Caratt.	0	0	-1896	-	9.09	-390.43	150.00	3600.00	9.22	V
							218	0	7600	-	39.96	-1577.01	150.00	3600.00	2.28	V
							610	0	-9992	-	47.92	-2057.42	150.00	3600.00	1.75	V
						Q.Perm	0	0	-1657	-	7.95	-341.20	112.50	3600.00	10.55	V
							218	0	6910	-	36.33	-1433.81	112.50	3600.00	2.51	V
							610	0	-9140	-	43.83	-1881.89	112.50	3600.00	1.91	V
148	527	Piano 3	5-6	5	2.5	Caratt.	0	0	-1108	-	7.99	-359.32	150.00	3600.00	10.02	V
							350	0	411	-	2.96	-133.39	150.00	3600.00	26.99	V
							490	0	66	-	0.48	-21.48	150.00	3600.00	167.56	V
						Q.Perm	0	0	-1061	-	7.64	-343.92	112.50	3600.00	10.47	V
							350	0	396	-	2.85	-128.35	112.50	3600.00	28.05	V
							490	0	58	-	0.42	-18.80	112.50	3600.00	191.45	V
149	528	Piano 3	5-14	9	2.5	Caratt.	0	0	-2825	-	13.55	-581.71	150.00	3600.00	6.19	V
							218	0	8007	-	42.10	-1661.55	150.00	3600.00	2.17	V
							610	0	-11804	-	52.47	-1959.68	150.00	3600.00	1.84	V
						Q.Perm	0	0	-2496	-	11.97	-513.99	112.50	3600.00	7.00	V
							218	0	7323	-	38.50	-1519.56	112.50	3600.00	2.37	V
							610	0	-10816	-	48.08	-1795.67	112.50	3600.00	2.00	V
150	529	Piano 3	6-15	9	2.5	Caratt.	0	0	-1784	-	8.55	-367.30	150.00	3600.00	9.80	V
							145	0	4292	-	20.58	-883.73	150.00	3600.00	4.07	V
							610	0	-7818	-	37.49	-1609.71	150.00	3600.00	2.24	V
						Q.Perm	0	0	-1588	-	7.61	-326.90	112.50	3600.00	11.01	V
							145	0	3918	-	18.79	-806.64	112.50	3600.00	4.46	V
							610	0	-7130	-	34.20	-1468.19	112.50	3600.00	2.45	V
151	530	Piano 3	7-8	5	2.5	Caratt.	0	0	-1504	-	10.83	-487.51	150.00	3600.00	7.38	V
							57	0	1204	-	8.68	-390.41	150.00	3600.00	9.22	V
							530	0	-5294	-	38.14	-1716.31	150.00	3600.00	2.10	V
						Q.Perm	0	0	-1269	-	9.14	-411.42	112.50	3600.00	8.75	V
							57	0	1029	-	7.42	-333.70	112.50	3600.00	10.79	V
							530	0	-4765	-	34.33	-1544.76	112.50	3600.00	2.33	V
152	531	Piano 3	7-10	13	2.5	Caratt.	0	0	-840	-	8.27	-335.10	150.00	3600.00	10.74	V
							34	0	-510	-	5.02	-203.40	150.00	3600.00	17.70	V
							305	0	170	-	1.67	-67.74	150.00	3600.00	53.15	V
						Q.Perm	0	0	-787	-	7.76	-314.26	112.50	3600.00	11.46	V
							34	0	-478	-	4.71	-190.79	112.50	3600.00	18.87	V
							305	0	129	-	1.27	-51.58	112.50	3600.00	69.80	V
153	532	Piano 3	8-9	5	2.5	Caratt.	0	0	-3268	-	23.54	-1059.46	150.00	3600.00	3.40	V
							302	0	443	-	3.19	-143.62	150.00	3600.00	25.07	V
							405	0	-1134	-	8.17	-367.55	150.00	3600.00	9.79	V
						Q.Perm	0	0	-3007	-	21.66	-974.76	112.50	3600.00	3.69	V
							302	0	408	-	2.94	-132.24	112.50	3600.00	27.22	V
							405	0	-892	-	6.43	-289.27	112.50	3600.00	12.45	V
154	533	Piano 3	8-11	5	2.5	Caratt.	0	0	-105	-	0.76	-34.02	150.00	3600.00	105.84	V
							241	0	-287	-	2.07	-93.11	150.00	3600.00	38.66	V
							305	0	-584	-	4.21	-189.37	150.00	3600.00	19.01	V
						Q.Perm	0	0	-101	-	0.73	-32.75	112.50	3600.00	109.93	V
							241	0	-239	-	1.72	-77.39	112.50	3600.00	46.52	V
							305	0	-516	-	3.72	-167.44	112.50	3600.00	21.50	V
155	534	Piano 3	9-12	13	2.5	Caratt.	0	0	-957	-	9.43	-381.95	150.00	3600.00	9.43	V
							34	0	-279	-	2.75	-111.33	150.00	3600.00	32.34	V
							305	0	-1341	-	13.22	-535.32	150.00	3600.00	6.72	V
						Q.Perm	0	0	-866	-	8.54	-345.65	112.50	3600.00	10.42	V
							34	0	-251	-	2.47	-100.13	112.50	3600.00	35.95	V
							305	0	-1234	-	12.16	-492.62	112.50	3600.00	7.31	V
156	535	Piano 3	10-11	5	2.5	Caratt.	0	0	-394	-	2.84	-127.71	150.00	3600.00	28.19	V
							57	0	2005	-	14.44	-649.97	150.00	3600.00	5.54	V
							530	0	-6478	-	46.67	-2100.28	150.00	3600.00	1.71	V
						Q.Perm	0	0	-243	-	1.75	-78.75	112.50	3600.00	45.72	V
							57	0	1796	-	12.94	-582.37	112.50	3600.00	6.18	V
							530	0	-5873	-	42.32	-1904.11	112.50	3600.00	1.89	V
157	536	Piano 3	10-16	13	2.5	Caratt.	0	0	-803	-	7.92	-320.66	150.00	3600.00	11.23	V
							34	0	-437	-	4.31	-174.42	150.00	3600.00	20.64	V
							305	0	550	-	5.42	-219.66	150.00	3600.00	16.39	V
						Q.Perm	0	0	-791	-	7.80	-315.81	112.50	3600.00	11.40	V
							34	0	-430	-	4.24	-171.74	112.50	3600.00	20.96	V
							305	0	538	-	5.30	-214.79	112.50	3600.00	16.76	V
158	537	Piano 3	11-12	5	2.5	Caratt.	0	0	-3990	-	28.74	-1293.46	150.00	3600.00	2.78	V
							43	0	-1910	-	13.76	-619.16	150.00	3600.00	5.81	V
							400	0	-967	-	6.97	-313.50	150.00	3600.00	11.48	V
						Q.Perm	0	0	-3677	-	26.49	-1192.19	112.50	3600.00	3.02	V
							43	0	-1779	-	12.82	-576.66	112.50	3600.00	6.24	V
							400	0	-707	-	5.10	-229.31	112.50	3600.00	15.70	V

159	538	Piano 3	12-13	14	2.5	Caratt.	0	0	-1010	-	31.01	-971.30	150.00	3600.00	3.71	V
							41	0	-560	-	17.19	-538.48	150.00	3600.00	6.69	V
							380	0	279	-	8.58	-268.70	150.00	3600.00	13.40	V
						Q.Perm	0	0	-921	-	28.28	-885.79	112.50	3600.00	3.98	V
							41	0	-509	-	15.63	-489.55	112.50	3600.00	7.20	V
							380	0	249	-	7.64	-239.38	112.50	3600.00	14.72	V
160	539	Piano 3	12-17	13	2.5	Caratt.	0	0	-1324	-	13.05	-528.28	150.00	3600.00	6.81	V
							34	0	-518	-	5.11	-206.74	150.00	3600.00	17.41	V
							305	0	-737	-	7.27	-294.32	150.00	3600.00	12.23	V
						Q.Perm	0	0	-1222	-	12.04	-487.57	112.50	3600.00	7.38	V
							34	0	-485	-	4.78	-193.41	112.50	3600.00	18.61	V
							305	0	-649	-	6.39	-258.87	112.50	3600.00	13.91	V
161	540	Piano 3	13-14	5	2.5	Caratt.	0	0	546	-	3.93	-177.02	150.00	3600.00	20.34	V
							258	0	-706	-	5.09	-228.83	150.00	3600.00	15.73	V
							365	0	-1185	-	8.54	-384.15	150.00	3600.00	9.37	V
						Q.Perm	0	0	334	-	2.41	-108.38	112.50	3600.00	33.22	V
							258	0	-498	-	3.58	-161.31	112.50	3600.00	22.32	V
							365	0	-913	-	6.58	-296.12	112.50	3600.00	12.16	V
162	541	Piano 3	13-20	9	2.5	Caratt.	0	0	-9604	-	46.06	-1977.56	150.00	3600.00	1.82	V
							290	0	4564	-	21.89	-939.83	150.00	3600.00	3.83	V
							610	0	-7993	-	38.33	-1645.80	150.00	3600.00	2.19	V
						Q.Perm	0	0	-8769	-	42.05	-1805.47	112.50	3600.00	1.99	V
							290	0	4123	-	19.77	-848.84	112.50	3600.00	4.24	V
							610	0	-7250	-	34.77	-1492.85	112.50	3600.00	2.41	V
163	542	Piano 3	14-15	5	2.5	Caratt.	0	0	-1556	-	11.21	-504.32	150.00	3600.00	7.14	V
							350	0	708	-	5.10	-229.52	150.00	3600.00	15.68	V
							490	0	461	-	3.32	-149.56	150.00	3600.00	24.07	V
						Q.Perm	0	0	-1497	-	10.78	-485.26	112.50	3600.00	7.42	V
							350	0	687	-	4.95	-222.87	112.50	3600.00	16.15	V
							490	0	453	-	3.27	-147.02	112.50	3600.00	24.49	V
164	543	Piano 3	14-21	9	2.5	Caratt.	0	0	-11210	-	49.83	-1861.06	150.00	3600.00	1.93	V
							73	0	-4272	-	20.49	-879.62	150.00	3600.00	4.09	V
							610	0	-8617	-	41.32	-1774.25	150.00	3600.00	2.03	V
						Q.Perm	0	0	-10218	-	45.42	-1696.46	112.50	3600.00	2.12	V
							73	0	-3896	-	18.68	-802.14	112.50	3600.00	4.49	V
							610	0	-7943	-	38.09	-1635.50	112.50	3600.00	2.20	V
165	544	Piano 3	15-22	9	2.5	Caratt.	0	0	-7254	-	34.79	-1493.58	150.00	3600.00	2.41	V
							73	0	-2719	-	13.04	-559.79	150.00	3600.00	6.43	V
							610	0	-6235	-	29.90	-1283.71	150.00	3600.00	2.80	V
						Q.Perm	0	0	-6588	-	31.59	-1356.45	112.50	3600.00	2.65	V
							73	0	-2455	-	11.77	-505.53	112.50	3600.00	7.12	V
							610	0	-5685	-	27.26	-1170.46	112.50	3600.00	3.08	V
166	545	Piano 3	16-17	9	2.5	Caratt.	0	0	-11858	-	52.71	-1968.78	150.00	3600.00	1.83	V
							430	0	11432	-	55.60	-1915.16	150.00	3600.00	1.88	V
							950	0	-14762	-	61.81	-2056.90	150.00	3600.00	1.75	V
						Q.Perm	0	0	-10840	-	48.19	-1799.69	112.50	3600.00	2.00	V
							430	0	10505	-	51.09	-1759.85	112.50	3600.00	2.05	V
							950	0	-13416	-	56.18	-1869.34	112.50	3600.00	1.93	V
167	546	Piano 3	16-18	13	2.5	Caratt.	0	0	-201	-	1.98	-80.13	150.00	3600.00	44.93	V
							241	0	219	-	2.16	-87.28	150.00	3600.00	41.25	V
							305	0	52	-	0.52	-20.91	150.00	3600.00	172.14	V
						Q.Perm	0	0	-186	-	1.84	-74.33	112.50	3600.00	48.43	V
							241	0	210	-	2.07	-83.64	112.50	3600.00	43.04	V
							305	0	43	-	0.43	-17.36	112.50	3600.00	207.40	V
168	547	Piano 3	17-19	13	2.5	Caratt.	0	0	-834	-	8.22	-332.98	150.00	3600.00	10.81	V
							34	0	-117	-	1.15	-46.56	150.00	3600.00	77.32	V
							305	0	-892	-	8.79	-355.96	150.00	3600.00	10.11	V
						Q.Perm	0	0	-752	-	7.41	-300.27	112.50	3600.00	11.99	V
							34	0	-100	-	0.98	-39.73	112.50	3600.00	90.61	V
							305	0	-801	-	7.89	-319.56	112.50	3600.00	11.27	V
169	548	Piano 3	18-19	9	2.5	Caratt.	0	0	-11405	-	50.70	-1893.57	150.00	3600.00	1.90	V
							430	0	11415	-	55.52	-1912.29	150.00	3600.00	1.88	V
							950	0	-15368	-	64.35	-2141.36	150.00	3600.00	1.68	V
						Q.Perm	0	0	-10406	-	46.26	-1727.56	112.50	3600.00	2.08	V
							430	0	10487	-	51.00	-1756.81	112.50	3600.00	2.05	V
							950	0	-14000	-	58.62	-1950.78	112.50	3600.00	1.85	V
170	549	Piano 3	18-23	13	2.5	Caratt.	0	0	-137	-	1.35	-54.77	150.00	3600.00	65.73	V
							241	0	45	-	0.44	-17.78	150.00	3600.00	202.42	V
							305	0	-193	-	1.90	-77.09	150.00	3600.00	46.70	V
						Q.Perm	0	0	-137	-	1.35	-54.48	112.50	3600.00	66.08	V
							241	0	41	-	0.40	-16.22	112.50	3600.00	221.95	V
							305	0	-157	-	1.54	-62.53	112.50	3600.00	57.57	V
171	550	Piano 3	19-20	14	2.5	Caratt.	0	0	-1119	-	34.37	-1076.65	150.00	3600.00	3.34	V
							36	0	-702	-	21.56	-675.42	150.00	3600.00	5.33	V
							360	0	378	-	11.61	-363.57	150.00	3600.00	9.90	V
						Q.Perm	0	0	-1030	-	31.64	-991.01	112.50	3600.00	3.56	V
							36	0	-646	-	19.83	-621.06	112.50	3600.00	5.67	V
							360	0	354	-	10.87	-340.53	112.50	3600.00	10.35	V
172	551	Piano 3	19-24	13	2.5	Caratt.	0	0	-699	-	6.89	-278.90	150.00	3600.00	12.91	V
							241	0	-472	-	4.65	-188.47	150.00	3600.00	19.10	V
							305	0	-1267	-	12.49	-505.61	150.00	3600.00	7.12	V
						Q.Perm	0	0	-629	-	6.19	-250.86	112.50	3600.00	14.35	V
							241	0	-432	-	4.26	-172.53	112.50	3600.00	20.87	V
							305	0	-1157	-	11.41	-461.86	112.50	3600.00	7.79	V
173	552	Piano 3	20-21	5	2.5	Caratt.	0	0	295	-	2.12	-95.59	150.00	3600.00	37.66	V
							37	0	559	-	4.03	-181.38	150.00	3600.00	19.85	V
							365	0	755	-	5.44	-244.89	150.00	3600.00	14.70	V
						Q.Perm	0	0	-13	-	0.09	-4.20	112.50	3600.00	856.15	V
							37	0	327	-	2.36	-106.10	112.50	3600.00	33.93	V
							365	0	630	-	4.54	-204.30	112.50	3600.00	17.62	V

174	553	Piano 3	20-27	9	2.5	Caratt.	0	0	-8885	-	42.61	-1829.41	150.00	3600.00	1.97	V
							290	0	5524	-	26.49	-1137.50	150.00	3600.00	3.16	V
							610	0	-6776	-	32.50	-1395.23	150.00	3600.00	2.58	V
						Q.Perm	0	0	-8033	-	38.53	-1654.11	112.50	3600.00	2.18	V
							290	0	5036	-	24.15	-1036.86	112.50	3600.00	3.47	V
							610	0	-6148	-	29.48	-1265.91	112.50	3600.00	2.84	V
175	554	Piano 3	21-29	9	2.5	Caratt.	0	0	-11755	-	52.25	-1951.57	150.00	3600.00	1.84	V
							290	0	6433	-	33.83	-1335.00	150.00	3600.00	2.70	V
							610	0	-5678	-	27.23	-1169.09	150.00	3600.00	3.08	V
						Q.Perm	0	0	-10614	-	47.18	-1762.11	112.50	3600.00	2.04	V
							290	0	5903	-	31.04	-1224.94	112.50	3600.00	2.94	V
							610	0	-5200	-	24.94	-1070.75	112.50	3600.00	3.36	V
176	555	Piano 3	21-50	5	2.5	Caratt.	0	0	1518	-	10.94	-492.21	150.00	3600.00	7.31	V
							11	0	950	-	6.84	-307.95	150.00	3600.00	11.69	V
							165	0	-3236	-	23.32	-1049.24	150.00	3600.00	3.43	V
						Q.Perm	0	0	1233	-	8.88	-399.75	112.50	3600.00	9.01	V
							11	0	740	-	5.33	-239.85	112.50	3600.00	15.01	V
							165	0	-2906	-	20.94	-942.20	112.50	3600.00	3.82	V
177	556	Piano 3	22-31	9	2.5	Caratt.	0	0	-6369	-	30.54	-1311.36	150.00	3600.00	2.75	V
							508	0	-2126	-	10.20	-437.83	150.00	3600.00	8.22	V
							610	0	-6557	-	31.44	-1350.02	150.00	3600.00	2.67	V
						Q.Perm	0	0	-5782	-	27.73	-1190.43	112.50	3600.00	3.02	V
							508	0	-1947	-	9.34	-400.87	112.50	3600.00	8.98	V
							610	0	-5993	-	28.74	-1233.99	112.50	3600.00	2.92	V
178	557	Piano 3	50-22	5	2.5	Caratt.	0	0	-4233	-	30.50	-1372.34	150.00	3600.00	2.62	V
							214	0	2226	-	16.03	-721.53	150.00	3600.00	4.99	V
							325	0	2934	-	19.09	-720.60	150.00	3600.00	5.00	V
						Q.Perm	0	0	-3901	-	28.10	-1264.62	112.50	3600.00	2.85	V
							214	0	2080	-	14.99	-674.38	112.50	3600.00	5.34	V
							325	0	2730	-	17.76	-670.34	112.50	3600.00	5.37	V
179	558	Piano 3	23-24	9	2.5	Caratt.	0	0	-11522	-	51.22	-1913.00	150.00	3600.00	1.88	V
							430	0	11464	-	55.76	-1920.59	150.00	3600.00	1.87	V
							950	0	-15199	-	63.64	-2117.79	150.00	3600.00	1.70	V
						Q.Perm	0	0	-10510	-	46.72	-1744.96	112.50	3600.00	2.06	V
							430	0	10535	-	51.24	-1764.82	112.50	3600.00	2.04	V
							950	0	-13800	-	57.78	-1922.85	112.50	3600.00	1.87	V
180	559	Piano 3	23-25	13	2.5	Caratt.	0	0	21	-	0.21	-8.51	150.00	3600.00	422.88	V
							241	0	-79	-	0.78	-31.46	150.00	3600.00	114.44	V
							305	0	-319	-	3.15	-127.44	150.00	3600.00	28.25	V
						Q.Perm	0	0	-13	-	0.13	-5.14	112.50	3600.00	700.31	V
							241	0	-52	-	0.52	-20.88	112.50	3600.00	172.43	V
							305	0	-281	-	2.77	-111.98	112.50	3600.00	32.15	V
181	560	Piano 3	24-26	13	2.5	Caratt.	0	0	-1113	-	10.97	-444.18	150.00	3600.00	8.10	V
							34	0	-363	-	3.57	-144.71	150.00	3600.00	24.88	V
							305	0	-907	-	8.94	-362.16	150.00	3600.00	9.94	V
						Q.Perm	0	0	-1011	-	9.97	-403.58	112.50	3600.00	8.92	V
							34	0	-329	-	3.24	-131.13	112.50	3600.00	27.45	V
							305	0	-821	-	8.09	-327.55	112.50	3600.00	10.99	V
182	561	Piano 3	25-26	9	2.5	Caratt.	0	0	-11096	-	49.32	-1842.19	150.00	3600.00	1.95	V
							430	0	11527	-	56.06	-1931.10	150.00	3600.00	1.86	V
							950	0	-15974	-	66.89	-2225.86	150.00	3600.00	1.62	V
						Q.Perm	0	0	-10110	-	44.94	-1678.43	112.50	3600.00	2.14	V
							430	0	10593	-	51.52	-1774.57	112.50	3600.00	2.03	V
							950	0	-14539	-	60.88	-2025.86	112.50	3600.00	1.78	V
183	562	Piano 3	25-34	13	2.5	Caratt.	0	0	273	-	2.69	-108.78	150.00	3600.00	33.09	V
							36	0	416	-	4.10	-165.97	150.00	3600.00	21.69	V
							315	0	-340	-	3.35	-135.78	150.00	3600.00	26.51	V
						Q.Perm	0	0	222	-	2.19	-88.69	112.50	3600.00	40.59	V
							36	0	368	-	3.63	-146.90	112.50	3600.00	24.51	V
							315	0	-285	-	2.81	-113.64	112.50	3600.00	31.68	V
184	563	Piano 3	26-27	14	2.5	Caratt.	0	0	-1028	-	31.58	-989.20	150.00	3600.00	3.64	V
							38	0	-613	-	18.82	-589.49	150.00	3600.00	6.11	V
							375	0	327	-	10.05	-314.69	150.00	3600.00	11.44	V
						Q.Perm	0	0	-943	-	28.95	-906.83	112.50	3600.00	3.89	V
							38	0	-561	-	17.23	-539.75	112.50	3600.00	6.53	V
							375	0	299	-	9.18	-287.56	112.50	3600.00	12.26	V
185	564	Piano 3	26-35	13	2.5	Caratt.	0	0	-936	-	9.23	-373.64	150.00	3600.00	9.63	V
							249	0	-394	-	3.88	-157.07	150.00	3600.00	22.92	V
							315	0	-1204	-	11.87	-480.50	150.00	3600.00	7.49	V
						Q.Perm	0	0	-846	-	8.34	-337.66	112.50	3600.00	10.66	V
							249	0	-355	-	3.50	-141.59	112.50	3600.00	25.42	V
							315	0	-1093	-	10.78	-436.35	112.50	3600.00	8.25	V
186	565	Piano 3	28-27	13	2.5	Caratt.	0	0	-2643	-	26.05	-1054.98	150.00	3600.00	3.41	V
							79	0	1098	-	10.82	-438.19	150.00	3600.00	8.22	V
							140	0	1514	-	14.92	-604.24	150.00	3600.00	5.96	V
						Q.Perm	0	0	-2388	-	23.54	-953.17	112.50	3600.00	3.78	V
							79	0	914	-	9.01	-364.96	112.50	3600.00	9.86	V
							140	0	1277	-	12.58	-509.49	112.50	3600.00	7.07	V
187	566	Piano 3	27-36	5	2.5	Caratt.	0	0	-5143	-	37.05	-1667.28	150.00	3600.00	2.16	V
							49	0	-2188	-	15.77	-709.47	150.00	3600.00	5.07	V
							420	0	-2805	-	20.21	-909.41	150.00	3600.00	3.96	V
						Q.Perm	0	0	-4629	-	33.35	-1500.66	112.50	3600.00	2.40	V
							49	0	-1975	-	14.23	-640.24	112.50	3600.00	5.62	V
							420	0	-2539	-	18.29	-823.17	112.50	3600.00	4.37	V
188	567	Piano 3	29-28	13	2.5	Caratt.	0	0	2356	-	23.22	-940.42	150.00	3600.00	3.83	V
							18	0	1953	-	19.25	-779.34	150.00	3600.00	4.62	V
							195	0	-3153	-	31.08	-1258.57	150.00	3600.00	2.86	V
						Q.Perm	0	0	2071	-	20.41	-826.50	112.50	3600.00	4.36	V
							18	0	1709	-	16.85	-682.24	112.50	3600.00	5.28	V
							195	0	-2831	-	27.90	-1129.98	112.50	3600.00	3.19	V
189	568	Piano 3	32-28	5	2.5	Caratt.	0	0	-1342	-	9.67	-435.14	150.00	3600.00	8.27	V

							158	0	735	-	5.30	-238.27	150.00	3600.00	15.11	V
							210	0	775	-	5.58	-251.12	150.00	3600.00	14.34	V
						Q.Perm	0	0	-1151	-	8.29	-373.09	112.50	3600.00	9.65	V
							158	0	589	-	4.24	-190.98	112.50	3600.00	18.85	V
							210	0	603	-	4.35	-195.54	112.50	3600.00	18.41	V
190	569	Piano 3	29-30	5	2.5	Caratt.	0	0	734	-	5.29	-237.96	150.00	3600.00	15.13	V
							19	0	734	-	5.29	-237.87	150.00	3600.00	15.13	V
							210	0	-170	-	1.22	-55.01	150.00	3600.00	65.44	V
						Q.Perm	0	0	492	-	3.54	-159.49	112.50	3600.00	22.57	V
							19	0	548	-	3.95	-177.75	112.50	3600.00	20.25	V
							210	0	41	-	0.30	-13.31	112.50	3600.00	270.37	V
191	570	Piano 3	29-33	5	2.5	Caratt.	0	0	155	-	1.12	-50.24	150.00	3600.00	71.66	V
							158	0	-1843	-	13.28	-597.52	150.00	3600.00	6.02	V
							210	0	-2383	-	17.17	-772.50	150.00	3600.00	4.66	V
						Q.Perm	0	0	-130	-	0.94	-42.25	112.50	3600.00	85.21	V
							158	0	-1616	-	11.64	-523.85	112.50	3600.00	6.87	V
							210	0	-2064	-	14.87	-669.12	112.50	3600.00	5.38	V
192	571	Piano 3	30-31	5	2.5	Caratt.	0	0	-962	-	6.93	-311.76	150.00	3600.00	11.55	V
							193	0	455	-	3.28	-147.63	150.00	3600.00	24.39	V
							295	0	491	-	3.54	-159.12	150.00	3600.00	22.62	V
						Q.Perm	0	0	-964	-	6.95	-312.52	112.50	3600.00	11.52	V
							193	0	465	-	3.35	-150.89	112.50	3600.00	23.86	V
							295	0	504	-	3.63	-163.54	112.50	3600.00	22.01	V
193	572	Piano 3	43-30	9	2.5	Caratt.	0	0	-4021	-	19.28	-827.98	150.00	3600.00	4.35	V
							300	0	8148	-	42.84	-1690.85	150.00	3600.00	2.13	V
							630	0	-6233	-	29.89	-1283.39	150.00	3600.00	2.81	V
						Q.Perm	0	0	-3492	-	16.75	-719.09	112.50	3600.00	5.01	V
							300	0	7118	-	37.43	-1476.99	112.50	3600.00	2.44	V
							630	0	-5501	-	26.38	-1132.75	112.50	3600.00	3.18	V
194	573	Piano 3	31-44	9	2.5	Caratt.	0	0	-6552	-	31.42	-1349.13	150.00	3600.00	2.67	V
							525	0	1657	-	7.95	-341.26	150.00	3600.00	10.55	V
							630	0	-840	-	4.03	-173.00	150.00	3600.00	20.81	V
						Q.Perm	0	0	-5988	-	28.72	-1232.98	112.50	3600.00	2.92	V
							525	0	1472	-	7.06	-303.10	112.50	3600.00	11.88	V
							630	0	-772	-	3.70	-158.95	112.50	3600.00	22.65	V
195	574	Piano 3	32-33	5	2.5	Caratt.	0	0	-113	-	0.81	-36.59	150.00	3600.00	98.40	V
							158	0	226	-	1.63	-73.39	150.00	3600.00	49.05	V
							210	0	159	-	1.15	-51.68	150.00	3600.00	69.66	V
						Q.Perm	0	0	-104	-	0.75	-33.71	112.50	3600.00	106.80	V
							158	0	200	-	1.44	-64.95	112.50	3600.00	55.42	V
							210	0	133	-	0.96	-43.20	112.50	3600.00	83.33	V
196	575	Piano 3	32-37	5	2.5	Caratt.	0	0	-1203	-	8.67	-390.06	150.00	3600.00	9.23	V
							158	0	25	-	0.18	-8.02	150.00	3600.00	448.66	V
							210	0	79	-	0.57	-25.52	150.00	3600.00	141.04	V
						Q.Perm	0	0	-1012	-	7.29	-328.00	112.50	3600.00	10.98	V
							158	0	6	-	0.04	-1.96	112.50	3600.00	1838.53	V
							210	0	41	-	0.29	-13.25	112.50	3600.00	271.70	V
197	576	Piano 3	33-38	5	2.5	Caratt.	0	0	-1870	-	13.47	-606.32	150.00	3600.00	5.94	V
							158	0	-40	-	0.28	-12.82	150.00	3600.00	280.84	V
							210	0	124	-	0.89	-40.22	150.00	3600.00	89.51	V
						Q.Perm	0	0	-1618	-	11.66	-524.66	112.50	3600.00	6.86	V
							158	0	-8	-	0.06	-2.54	112.50	3600.00	1419.98	V
							210	0	112	-	0.80	-36.21	112.50	3600.00	99.42	V
198	577	Piano 3	34-35	9	2.5	Caratt.	0	0	-11720	-	47.10	-1626.47	150.00	3600.00	2.21	V
							430	0	11681	-	47.84	-1926.40	150.00	3600.00	1.87	V
							950	0	-15558	-	62.52	-2159.18	150.00	3600.00	1.67	V
						Q.Perm	0	0	-10689	-	42.95	-1483.42	112.50	3600.00	2.43	V
							430	0	10739	-	43.98	-1771.10	112.50	3600.00	2.03	V
							950	0	-14122	-	56.75	-1959.89	112.50	3600.00	1.84	V
199	578	Piano 3	34-39	13	2.5	Caratt.	0	0	970	-	9.56	-386.98	150.00	3600.00	9.30	V
							249	0	-1051	-	10.35	-419.32	150.00	3600.00	8.59	V
							315	0	-1591	-	15.68	-634.80	150.00	3600.00	5.67	V
						Q.Perm	0	0	892	-	8.80	-356.16	112.50	3600.00	10.11	V
							249	0	-963	-	9.49	-384.39	112.50	3600.00	9.37	V
							315	0	-1467	-	14.46	-585.61	112.50	3600.00	6.15	V
200	579	Piano 3	35-40	13	2.5	Caratt.	0	0	-1226	-	12.08	-489.32	150.00	3600.00	7.36	V
							249	0	116	-	1.14	-46.23	150.00	3600.00	77.88	V
							315	0	-810	-	7.98	-323.15	150.00	3600.00	11.14	V
						Q.Perm	0	0	-1096	-	10.81	-437.59	112.50	3600.00	8.23	V
							249	0	75	-	0.74	-30.07	112.50	3600.00	119.74	V
							315	0	-727	-	7.16	-290.06	112.50	3600.00	12.41	V
201	580	Piano 3	37-36	13	2.5	Caratt.	0	0	-868	-	8.56	-346.54	150.00	3600.00	10.39	V
							101	0	1363	-	13.43	-543.81	150.00	3600.00	6.62	V
							150	0	1518	-	14.96	-605.78	150.00	3600.00	5.94	V
						Q.Perm	0	0	-743	-	7.32	-296.58	112.50	3600.00	12.14	V
							101	0	1098	-	10.83	-438.40	112.50	3600.00	8.21	V
							150	0	1213	-	11.95	-484.12	112.50	3600.00	7.44	V
202	581	Piano 3	36-41	5	2.5	Caratt.	0	0	-2520	-	18.15	-816.87	150.00	3600.00	4.41	V
							158	0	1520	-	10.95	-492.82	150.00	3600.00	7.30	V
							210	0	1667	-	12.01	-540.56	150.00	3600.00	6.66	V
						Q.Perm	0	0	-2275	-	16.39	-737.44	112.50	3600.00	4.88	V
							158	0	1254	-	9.03	-406.42	112.50	3600.00	8.86	V
							210	0	1353	-	9.75	-438.80	112.50	3600.00	8.20	V
203	582	Piano 3	37-38	5	2.5	Caratt.	0	0	-644	-	4.64	-208.83	150.00	3600.00	17.24	V
							158	0	-244	-	1.76	-79.11	150.00	3600.00	45.50	V
							210	0	-320	-	2.31	-103.86	150.00	3600.00	34.66	V
						Q.Perm	0	0	-558	-	4.02	-181.03	112.50	3600.00	19.89	V

							158	0	-140	-	1.01	-45.51	112.50	3600.00	79.10	V
							210	0	-191	-	1.38	-62.00	112.50	3600.00	58.07	V
204	583	Piano 3	39-49	9	2.5	Caratt.	0	0	-5390	-	25.85	-1109.86	150.00	3600.00	3.24	V
							264	0	6836	-	32.79	-1407.65	150.00	3600.00	2.56	V
							750	0	-22	-	0.11	-4.63	150.00	3600.00	777.76	V
						Q.Perm	0	0	-4871	-	23.36	-1003.02	112.50	3600.00	3.59	V
							264	0	6193	-	29.70	-1275.12	112.50	3600.00	2.82	V
							750	0	-21	-	0.10	-4.24	112.50	3600.00	848.32	V
205	584	Piano 3	40-41	9	2.5	Caratt.	0	0	-549	-	2.63	-113.06	150.00	3600.00	31.84	V
							271	0	337	-	1.62	-69.45	150.00	3600.00	51.84	V
							355	0	-507	-	2.16	-83.90	150.00	3600.00	42.91	V
						Q.Perm	0	0	-506	-	2.43	-104.25	112.50	3600.00	34.53	V
							271	0	319	-	1.53	-65.64	112.50	3600.00	54.85	V
							355	0	26	-	0.11	-4.28	112.50	3600.00	840.54	V
206	585	Piano 3	41-42	5	2.5	Caratt.	0	0	-1363	-	8.87	-334.71	150.00	3600.00	10.76	V
							241	0	327	-	2.35	-105.85	150.00	3600.00	34.01	V
							335	0	-1179	-	7.67	-289.51	150.00	3600.00	12.43	V
						Q.Perm	0	0	-1147	-	7.46	-281.62	112.50	3600.00	12.78	V
							241	0	228	-	1.64	-73.84	112.50	3600.00	48.75	V
							335	0	-800	-	5.20	-196.41	112.50	3600.00	18.33	V
207	586	Piano 3	42-43	5	2.5	Caratt.	0	0	-1355	-	9.76	-439.28	150.00	3600.00	8.20	V
							131	0	1528	-	11.01	-495.24	150.00	3600.00	7.27	V
							210	0	1811	-	13.04	-587.00	150.00	3600.00	6.13	V
						Q.Perm	0	0	-1224	-	8.82	-396.84	112.50	3600.00	9.07	V
							131	0	1317	-	9.49	-427.08	112.50	3600.00	8.43	V
							210	0	1552	-	11.18	-503.04	112.50	3600.00	7.16	V
208	587	Piano 3	43-44	5	2.5	Caratt.	0	0	808	-	5.82	-261.89	150.00	3600.00	13.75	V
							193	0	-829	-	5.97	-268.79	150.00	3600.00	13.39	V
							295	0	-1228	-	7.62	-300.52	150.00	3600.00	11.98	V
						Q.Perm	0	0	575	-	4.15	-186.57	112.50	3600.00	19.30	V
							193	0	-543	-	3.91	-176.01	112.50	3600.00	20.45	V
							295	0	-868	-	5.39	-212.39	112.50	3600.00	16.95	V
209	632	Piano 4	20-21	13	2.5	Caratt.	0	0	1028	-	9.17	-311.00	150.00	3600.00	11.58	V
							276	0	-2849	-	28.08	-1137.25	150.00	3600.00	3.17	V
							365	0	-3692	-	32.91	-1116.47	150.00	3600.00	3.22	V
						Q.Perm	0	0	774	-	6.90	-234.14	112.50	3600.00	15.38	V
							276	0	-2294	-	22.61	-915.51	112.50	3600.00	3.93	V
							365	0	-3006	-	26.79	-908.97	112.50	3600.00	3.96	V
210	633	Piano 4	47-20	10	2.5	Caratt.	0	0	1446	-	26.03	-1110.86	150.00	3600.00	3.24	V
							33	0	1378	-	24.79	-1058.15	150.00	3600.00	3.40	V
							305	0	-552	-	9.94	-424.16	150.00	3600.00	8.49	V
						Q.Perm	0	0	1378	-	24.80	-1058.30	112.50	3600.00	3.40	V
							33	0	1306	-	23.49	-1002.77	112.50	3600.00	3.59	V
							305	0	-548	-	9.86	-420.92	112.50	3600.00	8.55	V
211	634	Piano 4	48-21	10	2.5	Caratt.	0	0	7640	-	94.40	-2425.42	150.00	3600.00	1.48	V
							33	0	7136	-	88.17	-2265.42	150.00	3600.00	1.59	V
							305	0	-6136	-	77.37	-2406.78	150.00	3600.00	1.50	V
						Q.Perm	0	0	6440	-	79.57	-2044.48	112.50	3600.00	1.41	V
							33	0	6005	-	74.20	-1906.48	112.50	3600.00	1.52	V
							305	0	-5139	-	64.80	-2015.89	112.50	3600.00	1.74	V
212	635	Piano 4	27-29	5	2.5	Caratt.	0	0	-191	-	1.37	-61.77	150.00	3600.00	58.28	V
							34	0	-77	-	0.55	-24.96	150.00	3600.00	144.23	V
							335	0	-1123	-	8.09	-363.92	150.00	3600.00	9.89	V
						Q.Perm	0	0	-134	-	0.96	-43.30	112.50	3600.00	83.15	V
							34	0	-17	-	0.12	-5.56	112.50	3600.00	647.48	V
							335	0	-910	-	6.55	-294.90	112.50	3600.00	12.21	V
213	636	Piano 4	27-41	5	2.5	Caratt.	0	0	-4187	-	30.17	-1357.44	150.00	3600.00	2.65	V
							300	0	3200	-	24.26	-1040.68	150.00	3600.00	3.46	V
							630	0	-1775	-	12.79	-575.56	150.00	3600.00	6.25	V
						Q.Perm	0	0	-3801	-	27.38	-1232.22	112.50	3600.00	2.92	V
							300	0	2913	-	22.08	-947.37	112.50	3600.00	3.80	V
							630	0	-1595	-	11.49	-517.00	112.50	3600.00	6.96	V
214	637	Piano 4	27-47	10	2.5	Caratt.	0	0	-3489	-	54.05	-1812.85	150.00	3600.00	1.99	V
							33	0	-2215	-	39.86	-1701.46	150.00	3600.00	2.12	V
							305	0	1461	-	26.29	-1121.92	150.00	3600.00	3.21	V
						Q.Perm	0	0	-3214	-	49.79	-1669.93	112.50	3600.00	2.16	V
							33	0	-2051	-	36.91	-1575.51	112.50	3600.00	2.28	V
							305	0	1394	-	25.09	-1070.89	112.50	3600.00	3.36	V
215	638	Piano 4	29-30	5	2.5	Caratt.	0	0	3585	-	25.83	-1162.11	150.00	3600.00	3.10	V
							131	0	-417	-	3.00	-135.08	150.00	3600.00	26.65	V
							210	0	-1064	-	7.67	-344.93	150.00	3600.00	10.44	V
						Q.Perm	0	0	2884	-	20.78	-934.85	112.50	3600.00	3.85	V
							131	0	-304	-	2.19	-98.66	112.50	3600.00	36.49	V
							210	0	-832	-	6.00	-269.83	112.50	3600.00	13.34	V
216	639	Piano 4	29-33	5	2.5	Caratt.	0	0	-6026	-	45.68	-1959.82	150.00	3600.00	1.84	V
							23	0	-5072	-	38.45	-1649.69	150.00	3600.00	2.18	V
							210	0	-1621	-	11.68	-525.61	150.00	3600.00	6.85	V
						Q.Perm	0	0	-4961	-	37.61	-1613.43	112.50	3600.00	2.23	V
							23	0	-4166	-	31.58	-1355.06	112.50	3600.00	2.66	V
							210	0	-1466	-	10.56	-475.23	112.50	3600.00	7.58	V
217	640	Piano 4	29-48	10	2.5	Caratt.	0	0	-10915	-	115.10	-2327.33	150.00	3600.00	1.30	V
							232	0	7081	-	90.05	-2233.86	150.00	3600.00	1.61	V
							305	0	7707	-	85.63	-1955.27	150.00	3600.00	1.75	V
						Q.Perm	0	0	-9176	-	96.76	-1956.51	112.50	3600.00	1.16	V
							232	0	5971	-	75.92	-1883.46	112.50	3600.00	1.48	V
							305	0	6491	-	72.13	-1646.96	112.50	3600.00	1.56	V
218	641	Piano 4	30-43	5	2.5	Caratt.	0	0	-3005	-	21.65	-974.09	150.00	3600.00	3.70	V
							300	0	2676	-	19.28	-867.46	150.00	3600.00	4.15	V
							630	0	-1867	-	13.45	-605.28	150.00	3600.00	5.95	V
						Q.Perm	0	0	-2699	-	19.44	-874.98	112.50	3600.00	4.11	V

							300	0	2484	-	17.90	-805.28	112.50	3600.00	4.47	V
							630	0	-1675	-	12.07	-543.16	112.50	3600.00	6.63	V
219	642	Piano 4	32-33	5	2.5	Caratt.	0	0	92	-	0.66	-29.73	150.00	3600.00	121.09	V
							158	0	-22	-	0.16	-7.03	150.00	3600.00	512.42	V
							210	0	-147	-	1.06	-47.58	150.00	3600.00	75.66	V
						Q.Perm	0	0	69	-	0.50	-22.38	112.50	3600.00	160.88	V
							158	0	22	-	0.16	-6.98	112.50	3600.00	515.52	V
							210	0	-90	-	0.65	-29.09	112.50	3600.00	123.75	V
220	643	Piano 4	32-37	5	2.5	Caratt.	0	0	196	-	1.41	-63.46	150.00	3600.00	56.73	V
							23	0	412	-	2.97	-133.51	150.00	3600.00	26.96	V
							210	0	-212	-	1.53	-68.77	150.00	3600.00	52.35	V
						Q.Perm	0	0	174	-	1.26	-56.57	112.50	3600.00	63.64	V
							23	0	370	-	2.67	-119.97	112.50	3600.00	30.01	V
							210	0	-193	-	1.39	-62.51	112.50	3600.00	57.59	V
221	644	Piano 4	33-38	5	2.5	Caratt.	0	0	-997	-	7.18	-323.22	150.00	3600.00	11.14	V
							158	0	-1479	-	10.66	-479.58	150.00	3600.00	7.51	V
							210	0	-1898	-	13.68	-615.36	150.00	3600.00	5.85	V
						Q.Perm	0	0	-938	-	6.76	-304.11	112.50	3600.00	11.84	V
							158	0	-1319	-	9.50	-427.52	112.50	3600.00	8.42	V
							210	0	-1689	-	12.17	-547.57	112.50	3600.00	6.57	V
222	645	Piano 4	37-38	5	2.5	Caratt.	0	0	229	-	1.65	-74.25	150.00	3600.00	48.48	V
							23	0	283	-	2.04	-91.75	150.00	3600.00	39.24	V
							210	0	-104	-	0.75	-33.61	150.00	3600.00	107.10	V
						Q.Perm	0	0	187	-	1.35	-60.61	112.50	3600.00	59.40	V
							23	0	248	-	1.78	-80.27	112.50	3600.00	44.85	V
							210	0	-59	-	0.43	-19.27	112.50	3600.00	186.81	V
223	646	Piano 4	38-42	5	2.5	Caratt.	0	0	-2154	-	15.52	-698.23	150.00	3600.00	5.16	V
							23	0	-1397	-	10.06	-452.88	150.00	3600.00	7.95	V
							210	0	735	-	5.30	-238.38	150.00	3600.00	15.10	V
						Q.Perm	0	0	-1916	-	13.80	-621.15	112.50	3600.00	5.80	V
							23	0	-1230	-	8.86	-398.86	112.50	3600.00	9.03	V
							210	0	715	-	5.15	-231.90	112.50	3600.00	15.52	V
224	647	Piano 4	41-42	5	2.5	Caratt.	0	0	-606	-	4.37	-196.62	150.00	3600.00	18.31	V
							34	0	-298	-	2.15	-96.68	150.00	3600.00	37.24	V
							335	0	-171	-	1.23	-55.44	150.00	3600.00	64.94	V
						Q.Perm	0	0	-501	-	3.61	-162.54	112.50	3600.00	22.15	V
							34	0	-226	-	1.63	-73.39	112.50	3600.00	49.06	V
							335	0	-9	-	0.06	-2.79	112.50	3600.00	1288.19	V
225	648	Piano 4	42-43	5	2.5	Caratt.	0	0	-451	-	3.25	-146.31	150.00	3600.00	24.61	V
							131	0	190	-	1.37	-61.54	150.00	3600.00	58.50	V
							210	0	206	-	1.48	-66.77	150.00	3600.00	53.91	V
						Q.Perm	0	0	-435	-	3.13	-140.99	112.50	3600.00	25.53	V
							131	0	189	-	1.36	-61.15	112.50	3600.00	58.87	V
							210	0	205	-	1.48	-66.50	112.50	3600.00	54.13	V
226	649	Piano 4	47-48	8	2.5	Caratt.	0	0	109	-	4.47	-125.44	150.00	3600.00	28.70	V
							306	0	-3025	-	102.81	-2142.79	150.00	3600.00	1.46	V
							380	0	-3845	-	123.12	-2291.99	150.00	3600.00	1.22	V
						Q.Perm	0	0	47	-	1.92	-53.93	112.50	3600.00	58.49	V
							306	0	-2466	-	83.80	-1746.53	112.50	3600.00	1.34	V
							380	0	-3161	-	101.21	-1884.08	112.50	3600.00	1.11	V

4.3.2.1.11 Verifiche SLE - Fessurazione.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Comb : tipo di combinazione a cui la verifica è riferita;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Sollecitazione : M_{XZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
Fessura di calcolo: W_k : valore dell'apertura della fessura calcolata;
Fessura max : $W_{k,max}$: valore della massima apertura ammissibile delle fessure;

Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 25.I

							380	**Soll.**	**Fess. di calc.**	**Fessura max**		

Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	M_{XZ} [daNm]	W_k [mm]	$W_{k,max}$ [mm]	S	Esito
1	272	Piano 1	1-2	5	2.5	Freq	0	-1363	0.00	0.40	-	V
							57	860	0.00	0.40	-	V
							530	-3954	0.00	0.40	-	V
						Q.Perm	0	-1209	0.00	0.30	-	V
							57	740	0.00	0.30	-	V
							530	-3838	0.00	0.30	-	V
2	273	Piano 1	1-7	5	2.5	Freq	0	-1658	0.00	0.40	-	V
							34	-1052	0.00	0.40	-	V
							305	-641	0.00	0.40	-	V
						Q.Perm	0	-1533	0.00	0.30	-	V
							34	-955	0.00	0.30	-	V
							305	-546	0.00	0.30	-	V
3	274	Piano 1	2-3	5	2.5	Freq	0	-2307	0.00	0.40	-	V
							43	-866	0.00	0.40	-	V
							405	-1424	0.00	0.40	-	V
						Q.Perm	0	-2247	0.00	0.30	-	V
							43	-820	0.00	0.30	-	V
							405	-1349	0.00	0.30	-	V
4	275	Piano 1	2-8	14	2.5	Freq	0	29	0.00	0.40	-	V
							34	148	0.00	0.40	-	V
							305	-540	0.00	0.40	-	V
						Q.Perm	0	3	0.00	0.30	-	V
							34	128	0.00	0.30	-	V
							305	-521	0.00	0.30	-	V
5	276	Piano 1	3-4	5	2.5	Freq	0	-1465	0.00	0.40	-	V
							280	584	0.00	0.40	-	V
							375	184	0.00	0.40	-	V
						Q.Perm	0	-1444	0.00	0.30	-	V
							280	569	0.00	0.30	-	V
							375	165	0.00	0.30	-	V
6	277	Piano 1	3-9	14	2.5	Freq	0	-399	0.00	0.40	-	V
							34	202	0.00	0.40	-	V
							305	-1230	0.00	0.40	-	V
						Q.Perm	0	-371	0.00	0.30	-	V
							34	179	0.00	0.30	-	V
							305	-1204	0.00	0.30	-	V
7	278	Piano 1	4-5	5	2.5	Freq	0	133	0.00	0.40	-	V
							74	-1148	0.00	0.40	-	V
							365	754	0.00	0.40	-	V
						Q.Perm	0	104	0.00	0.30	-	V
							74	-1127	0.00	0.30	-	V
							365	737	0.00	0.30	-	V
8	282	Piano 1	4-13	9	2.5	Freq	0	-3178	0.00	0.40	-	V
							73	1651	0.00	0.40	-	V
							610	-9218	0.20	0.40	2.04	V
						Q.Perm	0	-3028	0.00	0.30	-	V
							73	1530	0.00	0.30	-	V
							610	-9015	0.19	0.30	1.58	V
9	283	Piano 1	5-6	5	2.5	Freq	0	323	0.00	0.40	-	V
							50	-687	0.00	0.40	-	V
							490	656	0.00	0.40	-	V
						Q.Perm	0	290	0.00	0.30	-	V
							50	-675	0.00	0.30	-	V
							490	647	0.00	0.30	-	V
10	288	Piano 1	5-14	9	2.5	Freq	0	-4686	0.00	0.40	-	V
							218	6385	0.00	0.40	-	V
							610	-10578	0.18	0.40	2.22	V
						Q.Perm	0	-4489	0.00	0.30	-	V
							218	6248	0.00	0.30	-	V
							610	-10360	0.17	0.30	1.72	V
11	289	Piano 1	6-15	9	2.5	Freq	0	-3410	0.00	0.40	-	V
							73	1141	0.00	0.40	-	V
							610	-8788	0.14	0.40	2.92	V
						Q.Perm	0	-3267	0.00	0.30	-	V
							73	1026	0.00	0.30	-	V
							610	-8661	0.13	0.30	2.24	V
12	290	Piano 1	7-8	5	2.5	Freq	0	-1069	0.00	0.40	-	V
							57	1439	0.00	0.40	-	V
							530	-5654	0.17	0.40	2.39	V
						Q.Perm	0	-954	0.00	0.30	-	V

							57	1350	0.00	0.30	-	V
							530	-5510	0.16	0.30	1.87	V
13	291	Piano 1	7-10	5	2.5	Freq	0	-1719	0.00	0.40	-	V
							241	1102	0.00	0.40	-	V
							305	468	0.00	0.40	-	V
						Q.Perm	0	-1688	0.00	0.30	-	V
							241	1060	0.00	0.30	-	V
							305	420	0.00	0.30	-	V
14	292	Piano 1	8-9	5	2.5	Freq	0	-3348	0.00	0.40	-	V
							302	542	0.00	0.40	-	V
							405	-839	0.00	0.40	-	V
						Q.Perm	0	-3259	0.00	0.30	-	V
							302	519	0.00	0.30	-	V
							405	-744	0.00	0.30	-	V
15	293	Piano 1	8-11	5	2.5	Freq	0	878	0.00	0.40	-	V
							241	710	0.00	0.40	-	V
							305	440	0.00	0.40	-	V
						Q.Perm	0	825	0.00	0.30	-	V
							241	666	0.00	0.30	-	V
							305	386	0.00	0.30	-	V
16	294	Piano 1	9-12	5	2.5	Freq	0	-626	0.00	0.40	-	V
							34	-52	0.00	0.40	-	V
							305	-1687	0.00	0.40	-	V
						Q.Perm	0	-566	0.00	0.30	-	V
							34	-6	0.00	0.30	-	V
							305	-1631	0.00	0.30	-	V
17	295	Piano 1	10-11	5	2.5	Freq	0	1377	0.00	0.40	-	V
							57	2346	0.00	0.40	-	V
							530	-5461	0.25	0.40	1.61	V
						Q.Perm	0	1272	0.00	0.30	-	V
							57	2264	0.00	0.30	-	V
							530	-5338	0.24	0.30	1.26	V
18	296	Piano 1	10-16	5	2.5	Freq	0	-3160	0.00	0.40	-	V
							241	798	0.00	0.40	-	V
							305	309	0.00	0.40	-	V
						Q.Perm	0	-3080	0.00	0.30	-	V
							241	783	0.00	0.30	-	V
							305	289	0.00	0.30	-	V
19	297	Piano 1	11-12	5	2.5	Freq	0	-3025	0.00	0.40	-	V
							298	941	0.00	0.40	-	V
							415	517	0.00	0.40	-	V
						Q.Perm	0	-2953	0.00	0.30	-	V
							298	918	0.00	0.30	-	V
							415	492	0.00	0.30	-	V
20	298	Piano 1	12-13	14	2.5	Freq	0	-619	0.00	0.40	-	V
							37	-287	0.00	0.40	-	V
							365	63	0.00	0.40	-	V
						Q.Perm	0	-605	0.00	0.30	-	V
							37	-280	0.00	0.30	-	V
							365	60	0.00	0.30	-	V
21	299	Piano 1	12-17	5	2.5	Freq	0	-1610	0.00	0.40	-	V
							241	-71	0.00	0.40	-	V
							305	-656	0.00	0.40	-	V
						Q.Perm	0	-1573	0.00	0.30	-	V
							241	-47	0.00	0.30	-	V
							305	-623	0.00	0.30	-	V
22	300	Piano 1	13-14	5	2.5	Freq	0	-589	0.00	0.40	-	V
							258	249	0.00	0.40	-	V
							365	-89	0.00	0.40	-	V
						Q.Perm	0	-562	0.00	0.30	-	V
							258	207	0.00	0.30	-	V
							365	20	0.00	0.30	-	V
23	301	Piano 1	13-20	9	2.5	Freq	0	-8625	0.25	0.40	1.62	V
							508	-2726	0.00	0.40	-	V
							610	-8099	0.23	0.40	1.78	V
						Q.Perm	0	-8429	0.24	0.30	1.26	V
							508	-2657	0.00	0.30	-	V
							610	-7896	0.22	0.30	1.38	V
24	302	Piano 1	14-15	5	2.5	Freq	0	-2300	0.00	0.40	-	V
							350	1533	0.00	0.40	-	V
							490	1535	0.00	0.40	-	V
						Q.Perm	0	-2227	0.00	0.30	-	V

							350	1466	0.00	0.30	-	V
							490	1448	0.00	0.30	-	V
25	303	Piano 1	14-21	9	2.5	Freq	0	-9983	0.22	0.40	1.83	V
							508	-2797	0.00	0.40	-	V
							610	-8836	0.18	0.40	2.18	V
						Q.Perm	0	-9763	0.21	0.30	1.41	V
							508	-2732	0.00	0.30	-	V
							610	-8628	0.18	0.30	1.69	V
26	304	Piano 1	15-22	9	2.5	Freq	0	-8343	0.17	0.40	2.37	V
							508	-1928	0.00	0.40	-	V
							610	-6786	0.00	0.40	-	V
						Q.Perm	0	-8213	0.16	0.30	1.82	V
							508	-1893	0.00	0.30	-	V
							610	-6668	0.00	0.30	-	V
27	305	Piano 1	16-18	5	2.5	Freq	0	-1360	0.00	0.40	-	V
							241	239	0.00	0.40	-	V
							305	-620	0.00	0.40	-	V
						Q.Perm	0	-1329	0.00	0.30	-	V
							241	237	0.00	0.30	-	V
							305	-585	0.00	0.30	-	V
28	306	Piano 1	17-19	5	2.5	Freq	0	-754	0.00	0.40	-	V
							34	-77	0.00	0.40	-	V
							305	-891	0.00	0.40	-	V
						Q.Perm	0	-730	0.00	0.30	-	V
							34	-58	0.00	0.30	-	V
							305	-869	0.00	0.30	-	V
29	307	Piano 1	18-23	5	2.5	Freq	0	-1269	0.00	0.40	-	V
							34	-221	0.00	0.40	-	V
							305	-971	0.00	0.40	-	V
						Q.Perm	0	-1234	0.00	0.30	-	V
							34	-216	0.00	0.30	-	V
							305	-935	0.00	0.30	-	V
30	308	Piano 1	19-20	14	2.5	Freq	0	-474	0.00	0.40	-	V
							36	-202	0.00	0.40	-	V
							360	28	0.00	0.40	-	V
						Q.Perm	0	-461	0.00	0.30	-	V
							36	-196	0.00	0.30	-	V
							360	25	0.00	0.30	-	V
31	309	Piano 1	19-24	5	2.5	Freq	0	-630	0.00	0.40	-	V
							34	-7	0.00	0.40	-	V
							305	-1282	0.00	0.40	-	V
						Q.Perm	0	-614	0.00	0.30	-	V
							34	-4	0.00	0.30	-	V
							305	-1253	0.00	0.30	-	V
32	310	Piano 1	20-21	5	2.5	Freq	0	-971	0.00	0.40	-	V
							254	874	0.00	0.40	-	V
							365	849	0.00	0.40	-	V
						Q.Perm	0	-942	0.00	0.30	-	V
							254	845	0.00	0.30	-	V
							365	813	0.00	0.30	-	V
33	311	Piano 1	20-27	9	2.5	Freq	0	-8373	0.24	0.40	1.69	V
							73	-2584	0.00	0.40	-	V
							610	-5566	0.00	0.40	-	V
						Q.Perm	0	-8164	0.23	0.30	1.32	V
							73	-2518	0.00	0.30	-	V
							610	-5435	0.00	0.30	-	V
34	312	Piano 1	21-29	9	2.5	Freq	0	-9928	0.17	0.40	2.39	V
							73	-3257	0.00	0.40	-	V
							610	-6043	0.00	0.40	-	V
						Q.Perm	0	-9696	0.16	0.30	1.86	V
							73	-3179	0.00	0.30	-	V
							610	-5898	0.00	0.30	-	V
35	313	Piano 1	21-50	5	2.5	Freq	0	321	0.00	0.40	-	V
							11	113	0.00	0.40	-	V
							165	-1534	0.00	0.40	-	V
						Q.Perm	0	205	0.00	0.30	-	V
							11	21	0.00	0.30	-	V
							165	-1460	0.00	0.30	-	V
36	314	Piano 1	22-31	9	2.5	Freq	0	-7228	0.00	0.40	-	V
							73	-2234	0.00	0.40	-	V
							610	-7694	0.15	0.40	2.69	V
						Q.Perm	0	-7101	0.00	0.30	-	V

							73	-2193	0.00	0.30	-	V
							610	-7577	0.15	0.30	2.07	V
37	315	Piano 1	50-22	5	2.5	Freq	0	-3123	0.00	0.40	-	V
							214	2269	0.00	0.40	-	V
							325	2834	0.00	0.40	-	V
						Q.Perm	0	-3071	0.00	0.30	-	V
							214	2208	0.00	0.30	-	V
							325	2757	0.00	0.30	-	V
38	316	Piano 1	23-25	5	2.5	Freq	0	-982	0.00	0.40	-	V
							241	-334	0.00	0.40	-	V
							305	-1302	0.00	0.40	-	V
						Q.Perm	0	-954	0.00	0.30	-	V
							241	-305	0.00	0.30	-	V
							305	-1258	0.00	0.30	-	V
39	317	Piano 1	24-26	5	2.5	Freq	0	-1036	0.00	0.40	-	V
							241	-280	0.00	0.40	-	V
							305	-967	0.00	0.40	-	V
						Q.Perm	0	-1011	0.00	0.30	-	V
							241	-259	0.00	0.30	-	V
							305	-940	0.00	0.30	-	V
40	318	Piano 1	25-34	5	2.5	Freq	0	-678	0.00	0.40	-	V
							36	386	0.00	0.40	-	V
							315	-1159	0.00	0.40	-	V
						Q.Perm	0	-636	0.00	0.30	-	V
							36	355	0.00	0.30	-	V
							315	-1115	0.00	0.30	-	V
41	319	Piano 1	26-27	14	2.5	Freq	0	-447	0.00	0.40	-	V
							38	-160	0.00	0.40	-	V
							375	-25	0.00	0.40	-	V
						Q.Perm	0	-435	0.00	0.30	-	V
							38	-155	0.00	0.30	-	V
							375	-3	0.00	0.30	-	V
42	320	Piano 1	26-35	5	2.5	Freq	0	-954	0.00	0.40	-	V
							249	-433	0.00	0.40	-	V
							315	-1217	0.00	0.40	-	V
						Q.Perm	0	-912	0.00	0.30	-	V
							249	-402	0.00	0.30	-	V
							315	-1176	0.00	0.30	-	V
43	321	Piano 1	28-27	13	2.5	Freq	0	-843	0.00	0.40	-	V
							79	-111	0.00	0.40	-	V
							140	-102	0.00	0.40	-	V
						Q.Perm	0	-812	0.00	0.30	-	V
							79	-101	0.00	0.30	-	V
							140	-90	0.00	0.30	-	V
44	322	Piano 1	27-36	5	2.5	Freq	0	-3942	0.00	0.40	-	V
							49	-2208	0.00	0.40	-	V
							420	-1436	0.00	0.40	-	V
						Q.Perm	0	-3852	0.00	0.30	-	V
							49	-2158	0.00	0.30	-	V
							420	-1404	0.00	0.30	-	V
45	323	Piano 1	29-28	13	2.5	Freq	0	927	0.00	0.40	-	V
							18	860	0.00	0.40	-	V
							195	-1301	0.00	0.40	-	V
						Q.Perm	0	898	0.00	0.30	-	V
							18	830	0.00	0.30	-	V
							195	-1263	0.00	0.30	-	V
46	324	Piano 1	32-28	5	2.5	Freq	0	-746	0.00	0.40	-	V
							158	421	0.00	0.40	-	V
							210	348	0.00	0.40	-	V
						Q.Perm	0	-726	0.00	0.30	-	V
							158	390	0.00	0.30	-	V
							210	315	0.00	0.30	-	V
47	325	Piano 1	29-30	5	2.5	Freq	0	105	0.00	0.40	-	V
							19	190	0.00	0.40	-	V
							210	391	0.00	0.40	-	V
						Q.Perm	0	-9	0.00	0.30	-	V
							19	103	0.00	0.30	-	V
							210	348	0.00	0.30	-	V
48	326	Piano 1	29-33	5	2.5	Freq	0	-2194	0.00	0.40	-	V
							23	-1811	0.00	0.40	-	V
							210	-819	0.00	0.40	-	V
						Q.Perm	0	-2158	0.00	0.30	-	V

							23	-1780	0.00	0.30	-	V
							210	-791	0.00	0.30	-	V
49	327	Piano 1	30-31	5	2.5	Freq	0	-1839	0.00	0.40	-	V
							193	1194	0.00	0.40	-	V
							295	1462	0.00	0.40	-	V
						Q.Perm	0	-1776	0.00	0.30	-	V
							193	1122	0.00	0.30	-	V
							295	1370	0.00	0.30	-	V
50	328	Piano 1	43-30	9	2.5	Freq	0	-2895	0.00	0.40	-	V
							75	2074	0.00	0.40	-	V
							630	-5293	0.00	0.40	-	V
						Q.Perm	0	-2778	0.00	0.30	-	V
							75	2009	0.00	0.30	-	V
							630	-5131	0.00	0.30	-	V
51	329	Piano 1	31-44	9	2.5	Freq	0	-8147	0.16	0.40	2.46	V
							525	1986	0.00	0.40	-	V
							630	-1250	0.00	0.40	-	V
						Q.Perm	0	-8041	0.16	0.30	1.88	V
							525	1904	0.00	0.30	-	V
							630	-1145	0.00	0.30	-	V
52	330	Piano 1	32-33	5	2.5	Freq	0	47	0.00	0.40	-	V
							158	121	0.00	0.40	-	V
							210	-34	0.00	0.40	-	V
						Q.Perm	0	8	0.00	0.30	-	V
							158	109	0.00	0.30	-	V
							210	13	0.00	0.30	-	V
53	331	Piano 1	32-37	5	2.5	Freq	0	-792	0.00	0.40	-	V
							158	138	0.00	0.40	-	V
							210	160	0.00	0.40	-	V
						Q.Perm	0	-760	0.00	0.30	-	V
							158	109	0.00	0.30	-	V
							210	123	0.00	0.30	-	V
54	332	Piano 1	33-38	5	2.5	Freq	0	-716	0.00	0.40	-	V
							158	206	0.00	0.40	-	V
							210	227	0.00	0.40	-	V
						Q.Perm	0	-688	0.00	0.30	-	V
							158	175	0.00	0.30	-	V
							210	188	0.00	0.30	-	V
55	333	Piano 1	34-39	5	2.5	Freq	0	767	0.00	0.40	-	V
							36	906	0.00	0.40	-	V
							315	-2028	0.00	0.40	-	V
						Q.Perm	0	695	0.00	0.30	-	V
							36	852	0.00	0.30	-	V
							315	-1953	0.00	0.30	-	V
56	334	Piano 1	35-40	5	2.5	Freq	0	-1261	0.00	0.40	-	V
							249	-303	0.00	0.40	-	V
							315	-1225	0.00	0.40	-	V
						Q.Perm	0	-1191	0.00	0.30	-	V
							249	-254	0.00	0.30	-	V
							315	-1158	0.00	0.30	-	V
57	335	Piano 1	37-36	13	2.5	Freq	0	-365	0.00	0.40	-	V
							101	532	0.00	0.40	-	V
							150	512	0.00	0.40	-	V
						Q.Perm	0	-343	0.00	0.30	-	V
							101	469	0.00	0.30	-	V
							150	437	0.00	0.30	-	V
58	336	Piano 1	36-41	5	2.5	Freq	0	-1464	0.00	0.40	-	V
							135	1733	0.00	0.40	-	V
							210	2105	0.00	0.40	-	V
						Q.Perm	0	-1414	0.00	0.30	-	V
							135	1664	0.00	0.30	-	V
							210	2013	0.00	0.30	-	V
59	337	Piano 1	37-38	5	2.5	Freq	0	-264	0.00	0.40	-	V
							158	-73	0.00	0.40	-	V
							210	-161	0.00	0.40	-	V
						Q.Perm	0	-252	0.00	0.30	-	V
							158	-35	0.00	0.30	-	V
							210	-114	0.00	0.30	-	V
60	338	Piano 1	45-39	13	2.5	Freq	0	-2355	0.00	0.40	-	V
							41	-1325	0.00	0.40	-	V
							360	980	0.00	0.40	-	V
						Q.Perm	0	-2260	0.00	0.30	-	V

							41	-1251	0.00	0.30	-	V
							360	899	0.00	0.30	-	V
61	339	Piano 1	39-49	5	2.5	Freq	0	-6464	0.15	0.40	2.70	V
							88	-1044	0.00	0.40	-	V
							750	-60	0.00	0.40	-	V
						Q.Perm	0	-6299	0.14	0.30	2.11	V
							88	-983	0.00	0.30	-	V
							750	-59	0.00	0.30	-	V
62	340	Piano 1	41-40	9	2.5	Freq	0	-830	0.00	0.40	-	V
							78	412	0.00	0.40	-	V
							360	-949	0.00	0.40	-	V
						Q.Perm	0	-629	0.00	0.30	-	V
							78	396	0.00	0.30	-	V
							360	-930	0.00	0.30	-	V
63	341	Piano 1	46-40	13	2.5	Freq	0	-321	0.00	0.40	-	V
							42	-120	0.00	0.40	-	V
							366	-1425	0.00	0.40	-	V
						Q.Perm	0	-196	0.00	0.30	-	V
							42	-20	0.00	0.30	-	V
							366	-1349	0.00	0.30	-	V
64	342	Piano 1	41-42	5	2.5	Freq	0	-1178	0.00	0.40	-	V
							232	258	0.00	0.40	-	V
							330	-974	0.00	0.40	-	V
						Q.Perm	0	-1130	0.00	0.30	-	V
							232	220	0.00	0.30	-	V
							330	-842	0.00	0.30	-	V
65	343	Piano 1	42-43	5	2.5	Freq	0	-973	0.00	0.40	-	V
							131	790	0.00	0.40	-	V
							210	890	0.00	0.40	-	V
						Q.Perm	0	-905	0.00	0.30	-	V
							131	747	0.00	0.30	-	V
							210	831	0.00	0.30	-	V
66	344	Piano 1	43-44	5	2.5	Freq	0	-397	0.00	0.40	-	V
							193	-135	0.00	0.40	-	V
							295	-453	0.00	0.40	-	V
						Q.Perm	0	-297	0.00	0.30	-	V
							193	-18	0.00	0.30	-	V
							295	-305	0.00	0.30	-	V
67	345	Piano 1	45-46	13	2.5	Freq	0	-8413	0.22	0.40	1.78	V
							377	6658	0.29	0.40	1.37	V
							813	-8897	0.24	0.40	1.66	V
						Q.Perm	0	-8282	0.22	0.30	1.37	V
							377	6558	0.29	0.30	1.05	V
							813	-8760	0.24	0.30	1.27	V
68	401	Piano 2	1-2	5	2.5	Freq	0	-1969	0.00	0.40	-	V
							57	156	0.00	0.40	-	V
							530	-3418	0.00	0.40	-	V
						Q.Perm	0	-1931	0.00	0.30	-	V
							57	93	0.00	0.30	-	V
							530	-3350	0.00	0.30	-	V
69	402	Piano 2	1-7	13	2.5	Freq	0	-1483	0.00	0.40	-	V
							34	-922	0.00	0.40	-	V
							305	-185	0.00	0.40	-	V
						Q.Perm	0	-1446	0.00	0.30	-	V
							34	-890	0.00	0.30	-	V
							305	-167	0.00	0.30	-	V
70	403	Piano 2	2-3	5	2.5	Freq	0	-1970	0.00	0.40	-	V
							43	-608	0.00	0.40	-	V
							405	-1443	0.00	0.40	-	V
						Q.Perm	0	-1941	0.00	0.30	-	V
							43	-598	0.00	0.30	-	V
							405	-1358	0.00	0.30	-	V
71	404	Piano 2	2-8	14	2.5	Freq	0	-138	0.00	0.40	-	V
							34	28	0.00	0.40	-	V
							305	-440	0.00	0.40	-	V
						Q.Perm	0	-130	0.00	0.30	-	V
							34	22	0.00	0.30	-	V
							305	-432	0.00	0.30	-	V
72	405	Piano 2	3-4	5	2.5	Freq	0	-1649	0.00	0.40	-	V
							40	-875	0.00	0.40	-	V
							375	-97	0.00	0.40	-	V
						Q.Perm	0	-1630	0.00	0.30	-	V

							40	-861	0.00	0.30	-	V
							375	-10	0.00	0.30	-	V
73	406	Piano 2	3-9	14	2.5	Freq	0	-534	0.00	0.40	-	V
							34	63	0.00	0.40	-	V
							305	-1175	0.00	0.40	-	V
						Q.Perm	0	-512	0.00	0.30	-	V
							34	62	0.00	0.30	-	V
							305	-1151	0.00	0.30	-	V
74	407	Piano 2	4-5	5	2.5	Freq	0	-677	0.00	0.40	-	V
							258	254	0.00	0.40	-	V
							365	-251	0.00	0.40	-	V
						Q.Perm	0	-657	0.00	0.30	-	V
							258	231	0.00	0.30	-	V
							365	-193	0.00	0.30	-	V
75	408	Piano 2	4-13	9	2.5	Freq	0	-3168	0.00	0.40	-	V
							145	4671	0.00	0.40	-	V
							610	-9108	0.27	0.40	1.50	V
						Q.Perm	0	-3072	0.00	0.30	-	V
							145	4566	0.00	0.30	-	V
							610	-8910	0.26	0.30	1.16	V
76	409	Piano 2	5-6	5	2.5	Freq	0	-1798	0.00	0.40	-	V
							350	643	0.00	0.40	-	V
							490	-94	0.00	0.40	-	V
						Q.Perm	0	-1791	0.00	0.30	-	V
							350	637	0.00	0.30	-	V
							490	-29	0.00	0.30	-	V
77	410	Piano 2	5-14	9	2.5	Freq	0	-4457	0.00	0.40	-	V
							145	4601	0.00	0.40	-	V
							610	-10616	0.24	0.40	1.68	V
						Q.Perm	0	-4325	0.00	0.30	-	V
							145	4508	0.00	0.30	-	V
							610	-10399	0.23	0.30	1.29	V
78	411	Piano 2	6-15	9	2.5	Freq	0	-3484	0.00	0.40	-	V
							73	827	0.00	0.40	-	V
							610	-8504	0.17	0.40	2.30	V
						Q.Perm	0	-3403	0.00	0.30	-	V
							73	817	0.00	0.30	-	V
							610	-8379	0.17	0.30	1.77	V
79	412	Piano 2	7-8	5	2.5	Freq	0	-1509	0.00	0.40	-	V
							57	1027	0.00	0.40	-	V
							530	-5508	0.16	0.40	2.50	V
						Q.Perm	0	-1417	0.00	0.30	-	V
							57	963	0.00	0.30	-	V
							530	-5364	0.00	0.30	-	V
80	413	Piano 2	7-10	13	2.5	Freq	0	-1074	0.00	0.40	-	V
							241	1011	0.00	0.40	-	V
							305	856	0.00	0.40	-	V
						Q.Perm	0	-1070	0.00	0.30	-	V
							241	970	0.00	0.30	-	V
							305	810	0.00	0.30	-	V
81	414	Piano 2	8-9	5	2.5	Freq	0	-2354	0.00	0.40	-	V
							302	-287	0.00	0.40	-	V
							405	-1801	0.00	0.40	-	V
						Q.Perm	0	-2289	0.00	0.30	-	V
							302	-214	0.00	0.30	-	V
							405	-1705	0.00	0.30	-	V
82	415	Piano 2	8-11	5	2.5	Freq	0	971	0.00	0.40	-	V
							241	660	0.00	0.40	-	V
							305	354	0.00	0.40	-	V
						Q.Perm	0	923	0.00	0.30	-	V
							241	617	0.00	0.30	-	V
							305	315	0.00	0.30	-	V
83	416	Piano 2	9-12	13	2.5	Freq	0	-598	0.00	0.40	-	V
							34	-13	0.00	0.40	-	V
							305	-1342	0.00	0.40	-	V
						Q.Perm	0	-582	0.00	0.30	-	V
							34	-12	0.00	0.30	-	V
							305	-1315	0.00	0.30	-	V
84	417	Piano 2	10-11	5	2.5	Freq	0	-273	0.00	0.40	-	V
							57	1941	0.00	0.40	-	V
							530	-6773	0.22	0.40	1.79	V
						Q.Perm	0	-206	0.00	0.30	-	V

							57	1875	0.00	0.30	-	V
							530	-6605	0.21	0.30	1.40	V
85	418	Piano 2	10-16	13	2.5	Freq	0	-2236	0.00	0.40	-	V
							34	-1454	0.00	0.40	-	V
							305	853	0.00	0.40	-	V
						Q.Perm	0	-2197	0.00	0.30	-	V
							34	-1423	0.00	0.30	-	V
							305	833	0.00	0.30	-	V
86	419	Piano 2	11-12	5	2.5	Freq	0	-3166	0.00	0.40	-	V
							43	-1341	0.00	0.40	-	V
							400	-1166	0.00	0.40	-	V
						Q.Perm	0	-3084	0.00	0.30	-	V
							43	-1304	0.00	0.30	-	V
							400	-1067	0.00	0.30	-	V
87	420	Piano 2	12-13	14	2.5	Freq	0	-861	0.00	0.40	-	V
							41	-459	0.00	0.40	-	V
							380	183	0.00	0.40	-	V
						Q.Perm	0	-841	0.00	0.30	-	V
							41	-448	0.00	0.30	-	V
							380	177	0.00	0.30	-	V
88	421	Piano 2	12-17	13	2.5	Freq	0	-1314	0.00	0.40	-	V
							241	-40	0.00	0.40	-	V
							305	-635	0.00	0.40	-	V
						Q.Perm	0	-1286	0.00	0.30	-	V
							241	-36	0.00	0.30	-	V
							305	-616	0.00	0.30	-	V
89	422	Piano 2	13-14	5	2.5	Freq	0	89	0.00	0.40	-	V
							258	-254	0.00	0.40	-	V
							365	-600	0.00	0.40	-	V
						Q.Perm	0	-4	0.00	0.30	-	V
							258	-174	0.00	0.30	-	V
							365	-495	0.00	0.30	-	V
90	423	Piano 2	13-20	9	2.5	Freq	0	-8381	0.24	0.40	1.69	V
							73	-2900	0.00	0.40	-	V
							610	-8067	0.22	0.40	1.79	V
						Q.Perm	0	-8188	0.23	0.30	1.31	V
							73	-2838	0.00	0.30	-	V
							610	-7866	0.22	0.30	1.39	V
91	424	Piano 2	14-15	5	2.5	Freq	0	-1820	0.00	0.40	-	V
							350	892	0.00	0.40	-	V
							490	728	0.00	0.40	-	V
						Q.Perm	0	-1801	0.00	0.30	-	V
							350	884	0.00	0.30	-	V
							490	721	0.00	0.30	-	V
92	425	Piano 2	14-21	9	2.5	Freq	0	-9630	0.21	0.40	1.92	V
							508	-2972	0.00	0.40	-	V
							610	-9085	0.19	0.40	2.09	V
						Q.Perm	0	-9409	0.20	0.30	1.49	V
							508	-2905	0.00	0.30	-	V
							610	-8877	0.19	0.30	1.62	V
93	426	Piano 2	15-22	9	2.5	Freq	0	-7663	0.15	0.40	2.71	V
							508	-2137	0.00	0.40	-	V
							610	-6978	0.00	0.40	-	V
						Q.Perm	0	-7539	0.00	0.30	-	V
							508	-2099	0.00	0.30	-	V
							610	-6856	0.00	0.30	-	V
94	427	Piano 2	16-17	9	2.5	Freq	0	-10960	0.25	0.40	1.61	V
							430	10402	0.23	0.40	1.72	V
							950	-14497	0.28	0.40	1.44	V
						Q.Perm	0	-10707	0.24	0.30	1.24	V
							430	10178	0.23	0.30	1.33	V
							950	-14202	0.27	0.30	1.11	V
95	428	Piano 2	16-18	13	2.5	Freq	0	-652	0.00	0.40	-	V
							241	270	0.00	0.40	-	V
							305	-67	0.00	0.40	-	V
						Q.Perm	0	-645	0.00	0.30	-	V
							241	264	0.00	0.30	-	V
							305	-59	0.00	0.30	-	V
96	429	Piano 2	17-19	13	2.5	Freq	0	-791	0.00	0.40	-	V
							34	-128	0.00	0.40	-	V
							305	-882	0.00	0.40	-	V
						Q.Perm	0	-772	0.00	0.30	-	V

							34	-124	0.00	0.30	-	V
							305	-861	0.00	0.30	-	V
97	430	Piano 2	18-19	9	2.5	Freq	0	-10331	0.23	0.40	1.74	V
							430	10435	0.23	0.40	1.71	V
							950	-15175	0.29	0.40	1.36	V
						Q.Perm	0	-10084	0.22	0.30	1.35	V
							430	10210	0.23	0.30	1.32	V
							950	-14874	0.29	0.30	1.05	V
98	431	Piano 2	18-23	13	2.5	Freq	0	-519	0.00	0.40	-	V
							34	-105	0.00	0.40	-	V
							305	-385	0.00	0.40	-	V
						Q.Perm	0	-516	0.00	0.30	-	V
							34	-102	0.00	0.30	-	V
							305	-376	0.00	0.30	-	V
99	432	Piano 2	19-20	14	2.5	Freq	0	-897	0.00	0.40	-	V
							36	-526	0.00	0.40	-	V
							360	340	0.00	0.40	-	V
						Q.Perm	0	-876	0.00	0.30	-	V
							36	-514	0.00	0.30	-	V
							360	331	0.00	0.30	-	V
100	433	Piano 2	19-24	13	2.5	Freq	0	-589	0.00	0.40	-	V
							241	-471	0.00	0.40	-	V
							305	-1225	0.00	0.40	-	V
						Q.Perm	0	-573	0.00	0.30	-	V
							241	-461	0.00	0.30	-	V
							305	-1198	0.00	0.30	-	V
101	434	Piano 2	20-21	5	2.5	Freq	0	-1141	0.00	0.40	-	V
							258	939	0.00	0.40	-	V
							365	936	0.00	0.40	-	V
						Q.Perm	0	-1106	0.00	0.30	-	V
							258	909	0.00	0.30	-	V
							365	900	0.00	0.30	-	V
102	435	Piano 2	20-27	9	2.5	Freq	0	-8207	0.23	0.40	1.74	V
							290	5430	0.00	0.40	-	V
							610	-5791	0.00	0.40	-	V
						Q.Perm	0	-7999	0.22	0.30	1.36	V
							290	5298	0.00	0.30	-	V
							610	-5658	0.00	0.30	-	V
103	436	Piano 2	21-29	9	2.5	Freq	0	-10114	0.22	0.40	1.79	V
							73	-3370	0.00	0.40	-	V
							610	-5651	0.00	0.40	-	V
						Q.Perm	0	-9873	0.22	0.30	1.39	V
							73	-3287	0.00	0.30	-	V
							610	-5525	0.00	0.30	-	V
104	437	Piano 2	21-50	5	2.5	Freq	0	864	0.00	0.40	-	V
							11	511	0.00	0.40	-	V
							165	-2152	0.00	0.40	-	V
						Q.Perm	0	770	0.00	0.30	-	V
							11	437	0.00	0.30	-	V
							165	-2088	0.00	0.30	-	V
105	438	Piano 2	22-31	9	2.5	Freq	0	-7235	0.00	0.40	-	V
							73	-2297	0.00	0.40	-	V
							610	-7146	0.00	0.40	-	V
						Q.Perm	0	-7103	0.00	0.30	-	V
							73	-2253	0.00	0.30	-	V
							610	-7037	0.00	0.30	-	V
106	439	Piano 2	50-22	5	2.5	Freq	0	-4079	0.00	0.40	-	V
							31	-2968	0.00	0.40	-	V
							325	3363	0.00	0.40	-	V
						Q.Perm	0	-4005	0.00	0.30	-	V
							31	-2912	0.00	0.30	-	V
							325	3305	0.00	0.30	-	V
107	440	Piano 2	23-24	9	2.5	Freq	0	-10431	0.18	0.40	2.23	V
							430	10485	0.23	0.40	1.71	V
							950	-14976	0.29	0.40	1.38	V
						Q.Perm	0	-10182	0.17	0.30	1.73	V
							430	10259	0.23	0.30	1.32	V
							950	-14678	0.28	0.30	1.06	V
108	441	Piano 2	23-25	13	2.5	Freq	0	-275	0.00	0.40	-	V
							241	-153	0.00	0.40	-	V
							305	-589	0.00	0.40	-	V
						Q.Perm	0	-273	0.00	0.30	-	V

							241	-145	0.00	0.30	-	V
							305	-579	0.00	0.30	-	V
109	442	Piano 2	24-26	13	2.5	Freq	0	-960	0.00	0.40	-	V
							241	-244	0.00	0.40	-	V
							305	-913	0.00	0.40	-	V
						Q.Perm	0	-936	0.00	0.30	-	V
							241	-240	0.00	0.30	-	V
							305	-893	0.00	0.30	-	V
110	443	Piano 2	25-26	9	2.5	Freq	0	-9957	0.17	0.40	2.42	V
							215	6141	0.00	0.40	-	V
							950	-15820	0.31	0.40	1.31	V
						Q.Perm	0	-9716	0.16	0.30	1.88	V
							215	6024	0.00	0.30	-	V
							950	-15509	0.30	0.30	1.00	V
111	444	Piano 2	25-34	13	2.5	Freq	0	167	0.00	0.40	-	V
							36	443	0.00	0.40	-	V
							315	-1029	0.00	0.40	-	V
						Q.Perm	0	151	0.00	0.30	-	V
							36	430	0.00	0.30	-	V
							315	-1016	0.00	0.30	-	V
112	445	Piano 2	26-27	14	2.5	Freq	0	-791	0.00	0.40	-	V
							38	-431	0.00	0.40	-	V
							375	236	0.00	0.40	-	V
						Q.Perm	0	-773	0.00	0.30	-	V
							38	-421	0.00	0.30	-	V
							375	229	0.00	0.30	-	V
113	446	Piano 2	26-35	13	2.5	Freq	0	-910	0.00	0.40	-	V
							249	-260	0.00	0.40	-	V
							315	-994	0.00	0.40	-	V
						Q.Perm	0	-889	0.00	0.30	-	V
							249	-253	0.00	0.30	-	V
							315	-971	0.00	0.30	-	V
114	447	Piano 2	28-27	13	2.5	Freq	0	-1476	0.00	0.40	-	V
							79	99	0.00	0.40	-	V
							140	231	0.00	0.40	-	V
						Q.Perm	0	-1442	0.00	0.30	-	V
							79	31	0.00	0.30	-	V
							140	150	0.00	0.30	-	V
115	448	Piano 2	27-36	5	2.5	Freq	0	-3728	0.00	0.40	-	V
							49	-2028	0.00	0.40	-	V
							420	-1475	0.00	0.40	-	V
						Q.Perm	0	-3640	0.00	0.30	-	V
							49	-1979	0.00	0.30	-	V
							420	-1446	0.00	0.30	-	V
116	449	Piano 2	29-28	13	2.5	Freq	0	1739	0.00	0.40	-	V
							18	1455	0.00	0.40	-	V
							195	-2224	0.00	0.40	-	V
						Q.Perm	0	1688	0.00	0.30	-	V
							18	1409	0.00	0.30	-	V
							195	-2163	0.00	0.30	-	V
117	450	Piano 2	32-28	5	2.5	Freq	0	-993	0.00	0.40	-	V
							158	579	0.00	0.40	-	V
							210	564	0.00	0.40	-	V
						Q.Perm	0	-966	0.00	0.30	-	V
							158	548	0.00	0.30	-	V
							210	530	0.00	0.30	-	V
118	451	Piano 2	29-30	5	2.5	Freq	0	-104	0.00	0.40	-	V
							131	641	0.00	0.40	-	V
							210	669	0.00	0.40	-	V
						Q.Perm	0	-93	0.00	0.30	-	V
							131	602	0.00	0.30	-	V
							210	624	0.00	0.30	-	V
119	452	Piano 2	29-33	5	2.5	Freq	0	-1273	0.00	0.40	-	V
							23	-1081	0.00	0.40	-	V
							210	-1450	0.00	0.40	-	V
						Q.Perm	0	-1258	0.00	0.30	-	V
							23	-1070	0.00	0.30	-	V
							210	-1402	0.00	0.30	-	V
120	453	Piano 2	30-31	5	2.5	Freq	0	-1693	0.00	0.40	-	V
							193	992	0.00	0.40	-	V
							295	1211	0.00	0.40	-	V
						Q.Perm	0	-1677	0.00	0.30	-	V

							193	982	0.00	0.30	-	V
							295	1196	0.00	0.30	-	V
121	454	Piano 2	30-43	9	2.5	Freq	0	-5763	0.00	0.40	-	V
							450	4835	0.00	0.40	-	V
							630	-3657	0.00	0.40	-	V
						Q.Perm	0	-5581	0.00	0.30	-	V
							450	4675	0.00	0.30	-	V
							630	-3521	0.00	0.30	-	V
122	455	Piano 2	31-44	9	2.5	Freq	0	-7525	0.00	0.40	-	V
							525	1093	0.00	0.40	-	V
							630	-2049	0.00	0.40	-	V
						Q.Perm	0	-7425	0.00	0.30	-	V
							525	1077	0.00	0.30	-	V
							630	-2024	0.00	0.30	-	V
123	456	Piano 2	32-33	5	2.5	Freq	0	-126	0.00	0.40	-	V
							158	233	0.00	0.40	-	V
							210	173	0.00	0.40	-	V
						Q.Perm	0	-122	0.00	0.30	-	V
							158	226	0.00	0.30	-	V
							210	165	0.00	0.30	-	V
124	457	Piano 2	32-37	5	2.5	Freq	0	-973	0.00	0.40	-	V
							158	74	0.00	0.40	-	V
							210	112	0.00	0.40	-	V
						Q.Perm	0	-946	0.00	0.30	-	V
							158	69	0.00	0.30	-	V
							210	103	0.00	0.30	-	V
125	458	Piano 2	33-38	5	2.5	Freq	0	-1135	0.00	0.40	-	V
							158	8	0.00	0.40	-	V
							210	56	0.00	0.40	-	V
						Q.Perm	0	-1099	0.00	0.30	-	V
							158	4	0.00	0.30	-	V
							210	51	0.00	0.30	-	V
126	459	Piano 2	34-35	9	2.5	Freq	0	-10645	0.14	0.40	2.86	V
							215	5900	0.00	0.40	-	V
							950	-15415	0.23	0.40	1.73	V
						Q.Perm	0	-10391	0.14	0.30	2.22	V
							215	5787	0.00	0.30	-	V
							950	-15110	0.22	0.30	1.33	V
127	460	Piano 2	34-39	13	2.5	Freq	0	853	0.00	0.40	-	V
							249	-901	0.00	0.40	-	V
							315	-1637	0.00	0.40	-	V
						Q.Perm	0	829	0.00	0.30	-	V
							249	-884	0.00	0.30	-	V
							315	-1615	0.00	0.30	-	V
128	461	Piano 2	35-40	13	2.5	Freq	0	-877	0.00	0.40	-	V
							249	-757	0.00	0.40	-	V
							315	-1734	0.00	0.40	-	V
						Q.Perm	0	-852	0.00	0.30	-	V
							249	-741	0.00	0.30	-	V
							315	-1694	0.00	0.30	-	V
129	462	Piano 2	37-36	13	2.5	Freq	0	-510	0.00	0.40	-	V
							101	539	0.00	0.40	-	V
							150	540	0.00	0.40	-	V
						Q.Perm	0	-493	0.00	0.30	-	V
							101	487	0.00	0.30	-	V
							150	478	0.00	0.30	-	V
130	463	Piano 2	36-41	5	2.5	Freq	0	-1199	0.00	0.40	-	V
							158	1523	0.00	0.40	-	V
							210	1575	0.00	0.40	-	V
						Q.Perm	0	-1181	0.00	0.30	-	V
							158	1457	0.00	0.30	-	V
							210	1505	0.00	0.30	-	V
131	464	Piano 2	37-38	5	2.5	Freq	0	-361	0.00	0.40	-	V
							158	-72	0.00	0.40	-	V
							210	-146	0.00	0.40	-	V
						Q.Perm	0	-351	0.00	0.30	-	V
							158	-37	0.00	0.30	-	V
							210	-103	0.00	0.30	-	V
132	465	Piano 2	45-39	13	2.5	Freq	0	-1493	0.00	0.40	-	V
							289	1241	0.00	0.40	-	V
							360	1305	0.00	0.40	-	V
						Q.Perm	0	-1470	0.00	0.30	-	V

							289	1219	0.00	0.30	-	V
							360	1280	0.00	0.30	-	V
133	466	Piano 2	39-49	9	2.5	Freq	0	-10652	0.18	0.40	2.16	V
							176	4792	0.00	0.40	-	V
							750	-59	0.00	0.40	-	V
						Q.Perm	0	-10387	0.18	0.30	1.68	V
							176	4697	0.00	0.30	-	V
							750	-58	0.00	0.30	-	V
134	467	Piano 2	40-41	9	2.5	Freq	0	-1491	0.00	0.40	-	V
							233	511	0.00	0.40	-	V
							355	-420	0.00	0.40	-	V
						Q.Perm	0	-1461	0.00	0.30	-	V
							233	499	0.00	0.30	-	V
							355	-260	0.00	0.30	-	V
135	468	Piano 2	46-40	5	2.5	Freq	0	-205	0.00	0.40	-	V
							291	-1226	0.00	0.40	-	V
							366	-1800	0.00	0.40	-	V
						Q.Perm	0	-198	0.00	0.30	-	V
							291	-1201	0.00	0.30	-	V
							366	-1768	0.00	0.30	-	V
136	469	Piano 2	41-42	5	2.5	Freq	0	-1287	0.00	0.40	-	V
							241	245	0.00	0.40	-	V
							335	-955	0.00	0.40	-	V
						Q.Perm	0	-1238	0.00	0.30	-	V
							241	222	0.00	0.30	-	V
							335	-839	0.00	0.30	-	V
137	470	Piano 2	42-43	5	2.5	Freq	0	-1088	0.00	0.40	-	V
							131	1092	0.00	0.40	-	V
							210	1261	0.00	0.40	-	V
						Q.Perm	0	-1061	0.00	0.30	-	V
							131	1046	0.00	0.30	-	V
							210	1205	0.00	0.30	-	V
138	471	Piano 2	43-44	5	2.5	Freq	0	379	0.00	0.40	-	V
							193	-561	0.00	0.40	-	V
							295	-1002	0.00	0.40	-	V
						Q.Perm	0	290	0.00	0.30	-	V
							193	-468	0.00	0.30	-	V
							295	-883	0.00	0.30	-	V
139	472	Piano 2	45-46	5	2.5	Freq	0	-5789	0.12	0.40	3.23	V
							377	5997	0.29	0.40	1.39	V
							813	-6414	0.15	0.40	2.73	V
						Q.Perm	0	-5659	0.12	0.30	2.52	V
							377	5855	0.28	0.30	1.08	V
							813	-6275	0.14	0.30	2.12	V
140	519	Piano 3	1-2	5	2.5	Freq	0	-1326	0.00	0.40	-	V
							57	268	0.00	0.40	-	V
							530	-2471	0.00	0.40	-	V
						Q.Perm	0	-1290	0.00	0.30	-	V
							57	241	0.00	0.30	-	V
							530	-2425	0.00	0.30	-	V
141	520	Piano 3	1-7	13	2.5	Freq	0	-864	0.00	0.40	-	V
							34	-505	0.00	0.40	-	V
							305	433	0.00	0.40	-	V
						Q.Perm	0	-838	0.00	0.30	-	V
							34	-487	0.00	0.30	-	V
							305	405	0.00	0.30	-	V
142	521	Piano 3	2-3	5	2.5	Freq	0	-1786	0.00	0.40	-	V
							43	-699	0.00	0.40	-	V
							405	-1008	0.00	0.40	-	V
						Q.Perm	0	-1747	0.00	0.30	-	V
							43	-684	0.00	0.30	-	V
							405	-973	0.00	0.30	-	V
143	522	Piano 3	2-8	14	2.5	Freq	0	-121	0.00	0.40	-	V
							34	61	0.00	0.40	-	V
							305	-275	0.00	0.40	-	V
						Q.Perm	0	-113	0.00	0.30	-	V
							34	57	0.00	0.30	-	V
							305	-270	0.00	0.30	-	V
144	523	Piano 3	3-4	5	2.5	Freq	0	-1424	0.00	0.40	-	V
							40	-884	0.00	0.40	-	V
							375	421	0.00	0.40	-	V
						Q.Perm	0	-1398	0.00	0.30	-	V

							40	-867	0.00	0.30	-	V
							375	408	0.00	0.30	-	V
145	524	Piano 3	3-9	14	2.5	Freq	0	-342	0.00	0.40	-	V
							69	593	0.00	0.40	-	V
							305	-1209	0.00	0.40	-	V
						Q.Perm	0	-327	0.00	0.30	-	V
							69	580	0.00	0.30	-	V
							305	-1183	0.00	0.30	-	V
146	525	Piano 3	4-5	5	2.5	Freq	0	-112	0.00	0.40	-	V
							258	50	0.00	0.40	-	V
							365	-266	0.00	0.40	-	V
						Q.Perm	0	-100	0.00	0.30	-	V
							258	33	0.00	0.30	-	V
							365	-245	0.00	0.30	-	V
147	526	Piano 3	4-13	9	2.5	Freq	0	-1710	0.00	0.40	-	V
							218	7082	0.00	0.40	-	V
							610	-9349	0.28	0.40	1.44	V
						Q.Perm	0	-1657	0.00	0.30	-	V
							218	6910	0.00	0.30	-	V
							610	-9140	0.27	0.30	1.12	V
148	527	Piano 3	5-6	5	2.5	Freq	0	-1070	0.00	0.40	-	V
							350	399	0.00	0.40	-	V
							490	63	0.00	0.40	-	V
						Q.Perm	0	-1061	0.00	0.30	-	V
							350	396	0.00	0.30	-	V
							490	58	0.00	0.30	-	V
149	528	Piano 3	5-14	9	2.5	Freq	0	-2572	0.00	0.40	-	V
							218	7493	0.20	0.40	1.99	V
							610	-11056	0.25	0.40	1.59	V
						Q.Perm	0	-2496	0.00	0.30	-	V
							218	7323	0.19	0.30	1.55	V
							610	-10816	0.24	0.30	1.23	V
150	529	Piano 3	6-15	9	2.5	Freq	0	-1634	0.00	0.40	-	V
							145	4008	0.00	0.40	-	V
							610	-7285	0.00	0.40	-	V
						Q.Perm	0	-1588	0.00	0.30	-	V
							145	3918	0.00	0.30	-	V
							610	-7130	0.00	0.30	-	V
151	530	Piano 3	7-8	5	2.5	Freq	0	-1320	0.00	0.40	-	V
							57	1057	0.00	0.40	-	V
							530	-4868	0.00	0.40	-	V
						Q.Perm	0	-1269	0.00	0.30	-	V
							57	1029	0.00	0.30	-	V
							530	-4765	0.00	0.30	-	V
152	531	Piano 3	7-10	13	2.5	Freq	0	-799	0.00	0.40	-	V
							34	-484	0.00	0.40	-	V
							305	138	0.00	0.40	-	V
						Q.Perm	0	-787	0.00	0.30	-	V
							34	-478	0.00	0.30	-	V
							305	129	0.00	0.30	-	V
153	532	Piano 3	8-9	5	2.5	Freq	0	-3071	0.00	0.40	-	V
							302	416	0.00	0.40	-	V
							405	-935	0.00	0.40	-	V
						Q.Perm	0	-3007	0.00	0.30	-	V
							302	408	0.00	0.30	-	V
							405	-892	0.00	0.30	-	V
154	533	Piano 3	8-11	5	2.5	Freq	0	-102	0.00	0.40	-	V
							241	-248	0.00	0.40	-	V
							305	-530	0.00	0.40	-	V
						Q.Perm	0	-101	0.00	0.30	-	V
							241	-239	0.00	0.30	-	V
							305	-516	0.00	0.30	-	V
155	534	Piano 3	9-12	13	2.5	Freq	0	-888	0.00	0.40	-	V
							34	-257	0.00	0.40	-	V
							305	-1260	0.00	0.40	-	V
						Q.Perm	0	-866	0.00	0.30	-	V
							34	-251	0.00	0.30	-	V
							305	-1234	0.00	0.30	-	V
156	535	Piano 3	10-11	5	2.5	Freq	0	-275	0.00	0.40	-	V
							57	1827	0.00	0.40	-	V
							530	-5997	0.29	0.40	1.39	V
						Q.Perm	0	-243	0.00	0.30	-	V

							57	1796	0.00	0.30	-	V
							530	-5873	0.28	0.30	1.08	V
157	536	Piano 3	10-16	13	2.5	Freq	0	-799	0.00	0.40	-	V
							34	-436	0.00	0.40	-	V
							305	543	0.00	0.40	-	V
						Q.Perm	0	-791	0.00	0.30	-	V
							34	-430	0.00	0.30	-	V
							305	538	0.00	0.30	-	V
158	537	Piano 3	11-12	5	2.5	Freq	0	-3754	0.00	0.40	-	V
							43	-1810	0.00	0.40	-	V
							400	-754	0.00	0.40	-	V
						Q.Perm	0	-3677	0.00	0.30	-	V
							43	-1779	0.00	0.30	-	V
							400	-707	0.00	0.30	-	V
159	538	Piano 3	12-13	14	2.5	Freq	0	-943	0.00	0.40	-	V
							41	-521	0.00	0.40	-	V
							380	256	0.00	0.40	-	V
						Q.Perm	0	-921	0.00	0.30	-	V
							41	-509	0.00	0.30	-	V
							380	249	0.00	0.30	-	V
160	539	Piano 3	12-17	13	2.5	Freq	0	-1246	0.00	0.40	-	V
							34	-492	0.00	0.40	-	V
							305	-668	0.00	0.40	-	V
						Q.Perm	0	-1222	0.00	0.30	-	V
							34	-485	0.00	0.30	-	V
							305	-649	0.00	0.30	-	V
161	540	Piano 3	13-14	5	2.5	Freq	0	373	0.00	0.40	-	V
							258	-536	0.00	0.40	-	V
							365	-963	0.00	0.40	-	V
						Q.Perm	0	334	0.00	0.30	-	V
							258	-498	0.00	0.30	-	V
							365	-913	0.00	0.30	-	V
162	541	Piano 3	13-20	9	2.5	Freq	0	-8975	0.26	0.40	1.53	V
							290	4231	0.00	0.40	-	V
							610	-7434	0.20	0.40	2.03	V
						Q.Perm	0	-8769	0.25	0.30	1.18	V
							290	4123	0.00	0.30	-	V
							610	-7250	0.00	0.30	-	V
163	542	Piano 3	14-15	5	2.5	Freq	0	-1511	0.00	0.40	-	V
							350	693	0.00	0.40	-	V
							490	455	0.00	0.40	-	V
						Q.Perm	0	-1497	0.00	0.30	-	V
							350	687	0.00	0.30	-	V
							490	453	0.00	0.30	-	V
164	543	Piano 3	14-21	9	2.5	Freq	0	-10462	0.23	0.40	1.71	V
							73	-3986	0.00	0.40	-	V
							610	-8109	0.23	0.40	1.77	V
						Q.Perm	0	-10218	0.23	0.30	1.33	V
							73	-3896	0.00	0.30	-	V
							610	-7943	0.22	0.30	1.37	V
165	544	Piano 3	15-22	9	2.5	Freq	0	-6737	0.00	0.40	-	V
							73	-2507	0.00	0.40	-	V
							610	-5822	0.00	0.40	-	V
						Q.Perm	0	-6588	0.00	0.30	-	V
							73	-2455	0.00	0.30	-	V
							610	-5685	0.00	0.30	-	V
166	545	Piano 3	16-17	9	2.5	Freq	0	-11089	0.25	0.40	1.58	V
							430	10736	0.24	0.40	1.64	V
							950	-13700	0.26	0.40	1.55	V
						Q.Perm	0	-10840	0.25	0.30	1.22	V
							430	10505	0.24	0.30	1.27	V
							950	-13416	0.25	0.30	1.19	V
167	546	Piano 3	16-18	13	2.5	Freq	0	-190	0.00	0.40	-	V
							241	214	0.00	0.40	-	V
							305	49	0.00	0.40	-	V
						Q.Perm	0	-186	0.00	0.30	-	V
							241	210	0.00	0.30	-	V
							305	43	0.00	0.30	-	V
168	547	Piano 3	17-19	13	2.5	Freq	0	-773	0.00	0.40	-	V
							34	-104	0.00	0.40	-	V
							305	-821	0.00	0.40	-	V
						Q.Perm	0	-752	0.00	0.30	-	V

							34	-100	0.00	0.30	-	V
							305	-801	0.00	0.30	-	V
169	548	Piano 3	18-19	9	2.5	Freq	0	-10653	0.24	0.40	1.67	V
							430	10718	0.24	0.40	1.65	V
							950	-14288	0.27	0.40	1.47	V
						Q.Perm	0	-10406	0.23	0.30	1.29	V
							430	10487	0.24	0.30	1.27	V
							950	-14000	0.27	0.30	1.13	V
170	549	Piano 3	18-23	13	2.5	Freq	0	-137	0.00	0.40	-	V
							241	43	0.00	0.40	-	V
							305	-163	0.00	0.40	-	V
						Q.Perm	0	-137	0.00	0.30	-	V
							241	41	0.00	0.30	-	V
							305	-157	0.00	0.30	-	V
171	550	Piano 3	19-20	14	2.5	Freq	0	-1052	0.00	0.40	-	V
							36	-660	0.00	0.40	-	V
							360	360	0.00	0.40	-	V
						Q.Perm	0	-1030	0.00	0.30	-	V
							36	-646	0.00	0.30	-	V
							360	354	0.00	0.30	-	V
172	551	Piano 3	19-24	13	2.5	Freq	0	-646	0.00	0.40	-	V
							241	-442	0.00	0.40	-	V
							305	-1184	0.00	0.40	-	V
						Q.Perm	0	-629	0.00	0.30	-	V
							241	-432	0.00	0.30	-	V
							305	-1157	0.00	0.30	-	V
173	552	Piano 3	20-21	5	2.5	Freq	0	45	0.00	0.40	-	V
							37	370	0.00	0.40	-	V
							365	660	0.00	0.40	-	V
						Q.Perm	0	-13	0.00	0.30	-	V
							37	327	0.00	0.30	-	V
							365	630	0.00	0.30	-	V
174	553	Piano 3	20-27	9	2.5	Freq	0	-8244	0.23	0.40	1.73	V
							290	5158	0.00	0.40	-	V
							610	-6300	0.00	0.40	-	V
						Q.Perm	0	-8033	0.22	0.30	1.35	V
							290	5036	0.00	0.30	-	V
							610	-6148	0.00	0.30	-	V
175	554	Piano 3	21-29	9	2.5	Freq	0	-10891	0.25	0.40	1.62	V
							290	6035	0.00	0.40	-	V
							610	-5315	0.00	0.40	-	V
						Q.Perm	0	-10614	0.24	0.30	1.26	V
							290	5903	0.00	0.30	-	V
							610	-5200	0.00	0.30	-	V
176	555	Piano 3	21-50	5	2.5	Freq	0	1281	0.00	0.40	-	V
							11	773	0.00	0.40	-	V
							165	-2980	0.00	0.40	-	V
						Q.Perm	0	1233	0.00	0.30	-	V
							11	740	0.00	0.30	-	V
							165	-2906	0.00	0.30	-	V
177	556	Piano 3	22-31	9	2.5	Freq	0	-5923	0.00	0.40	-	V
							508	-1986	0.00	0.40	-	V
							610	-6127	0.00	0.40	-	V
						Q.Perm	0	-5782	0.00	0.30	-	V
							508	-1947	0.00	0.30	-	V
							610	-5993	0.00	0.30	-	V
178	557	Piano 3	50-22	5	2.5	Freq	0	-3981	0.00	0.40	-	V
							214	2115	0.00	0.40	-	V
							325	2778	0.00	0.40	-	V
						Q.Perm	0	-3901	0.00	0.30	-	V
							214	2080	0.00	0.30	-	V
							325	2730	0.00	0.30	-	V
179	558	Piano 3	23-24	9	2.5	Freq	0	-10757	0.24	0.40	1.65	V
							430	10766	0.24	0.40	1.64	V
							950	-14087	0.27	0.40	1.49	V
						Q.Perm	0	-10510	0.24	0.30	1.27	V
							430	10535	0.24	0.30	1.27	V
							950	-13800	0.26	0.30	1.15	V
180	559	Piano 3	23-25	13	2.5	Freq	0	-13	0.00	0.40	-	V
							241	-57	0.00	0.40	-	V
							305	-287	0.00	0.40	-	V
						Q.Perm	0	-13	0.00	0.30	-	V

							241	-52	0.00	0.30	-	V
							305	-281	0.00	0.30	-	V
181	560	Piano 3	24-26	13	2.5	Freq	0	-1036	0.00	0.40	-	V
							34	-337	0.00	0.40	-	V
							305	-840	0.00	0.40	-	V
						Q.Perm	0	-1011	0.00	0.30	-	V
							34	-329	0.00	0.30	-	V
							305	-821	0.00	0.30	-	V
182	561	Piano 3	25-26	9	2.5	Freq	0	-10353	0.23	0.40	1.74	V
							430	10825	0.25	0.40	1.63	V
							950	-14835	0.29	0.40	1.40	V
						Q.Perm	0	-10110	0.22	0.30	1.34	V
							430	10593	0.24	0.30	1.26	V
							950	-14539	0.28	0.30	1.08	V
183	562	Piano 3	25-34	13	2.5	Freq	0	230	0.00	0.40	-	V
							36	377	0.00	0.40	-	V
							315	-292	0.00	0.40	-	V
						Q.Perm	0	222	0.00	0.30	-	V
							36	368	0.00	0.30	-	V
							315	-285	0.00	0.30	-	V
184	563	Piano 3	26-27	14	2.5	Freq	0	-964	0.00	0.40	-	V
							38	-574	0.00	0.40	-	V
							375	306	0.00	0.40	-	V
						Q.Perm	0	-943	0.00	0.30	-	V
							38	-561	0.00	0.30	-	V
							375	299	0.00	0.30	-	V
185	564	Piano 3	26-35	13	2.5	Freq	0	-866	0.00	0.40	-	V
							249	-362	0.00	0.40	-	V
							315	-1118	0.00	0.40	-	V
						Q.Perm	0	-846	0.00	0.30	-	V
							249	-355	0.00	0.30	-	V
							315	-1093	0.00	0.30	-	V
186	565	Piano 3	28-27	13	2.5	Freq	0	-2451	0.00	0.40	-	V
							79	946	0.00	0.40	-	V
							140	1312	0.00	0.40	-	V
						Q.Perm	0	-2388	0.00	0.30	-	V
							79	914	0.00	0.30	-	V
							140	1277	0.00	0.30	-	V
187	566	Piano 3	27-36	5	2.5	Freq	0	-4752	0.00	0.40	-	V
							49	-2023	0.00	0.40	-	V
							420	-2602	0.00	0.40	-	V
						Q.Perm	0	-4629	0.00	0.30	-	V
							49	-1975	0.00	0.30	-	V
							420	-2539	0.00	0.30	-	V
188	567	Piano 3	29-28	13	2.5	Freq	0	2142	0.00	0.40	-	V
							18	1770	0.00	0.40	-	V
							195	-2911	0.00	0.40	-	V
						Q.Perm	0	2071	0.00	0.30	-	V
							18	1709	0.00	0.30	-	V
							195	-2831	0.00	0.30	-	V
189	568	Piano 3	32-28	5	2.5	Freq	0	-1185	0.00	0.40	-	V
							158	625	0.00	0.40	-	V
							210	644	0.00	0.40	-	V
						Q.Perm	0	-1151	0.00	0.30	-	V
							158	589	0.00	0.30	-	V
							210	603	0.00	0.30	-	V
190	569	Piano 3	29-30	5	2.5	Freq	0	538	0.00	0.40	-	V
							19	583	0.00	0.40	-	V
							210	66	0.00	0.40	-	V
						Q.Perm	0	492	0.00	0.30	-	V
							19	548	0.00	0.30	-	V
							210	41	0.00	0.30	-	V
191	570	Piano 3	29-33	5	2.5	Freq	0	-145	0.00	0.40	-	V
							158	-1670	0.00	0.40	-	V
							210	-2141	0.00	0.40	-	V
						Q.Perm	0	-130	0.00	0.30	-	V
							158	-1616	0.00	0.30	-	V
							210	-2064	0.00	0.30	-	V
192	571	Piano 3	30-31	5	2.5	Freq	0	-968	0.00	0.40	-	V
							193	468	0.00	0.40	-	V
							295	508	0.00	0.40	-	V
						Q.Perm	0	-964	0.00	0.30	-	V

							193	465	0.00	0.30	-	V
							295	504	0.00	0.30	-	V
193	572	Piano 3	43-30	9	2.5	Freq	0	-3621	0.00	0.40	-	V
							300	7375	0.20	0.40	2.04	V
							630	-5677	0.00	0.40	-	V
						Q.Perm	0	-3492	0.00	0.30	-	V
							300	7118	0.00	0.30	-	V
							630	-5501	0.00	0.30	-	V
194	573	Piano 3	31-44	9	2.5	Freq	0	-6111	0.00	0.40	-	V
							525	1507	0.00	0.40	-	V
							630	-788	0.00	0.40	-	V
						Q.Perm	0	-5988	0.00	0.30	-	V
							525	1472	0.00	0.30	-	V
							630	-772	0.00	0.30	-	V
195	574	Piano 3	32-33	5	2.5	Freq	0	-106	0.00	0.40	-	V
							158	207	0.00	0.40	-	V
							210	140	0.00	0.40	-	V
						Q.Perm	0	-104	0.00	0.30	-	V
							158	200	0.00	0.30	-	V
							210	133	0.00	0.30	-	V
196	575	Piano 3	32-37	5	2.5	Freq	0	-1045	0.00	0.40	-	V
							158	10	0.00	0.40	-	V
							210	47	0.00	0.40	-	V
						Q.Perm	0	-1012	0.00	0.30	-	V
							158	6	0.00	0.30	-	V
							210	41	0.00	0.30	-	V
197	576	Piano 3	33-38	5	2.5	Freq	0	-1679	0.00	0.40	-	V
							158	-15	0.00	0.40	-	V
							210	116	0.00	0.40	-	V
						Q.Perm	0	-1618	0.00	0.30	-	V
							158	-8	0.00	0.30	-	V
							210	112	0.00	0.30	-	V
198	577	Piano 3	34-35	9	2.5	Freq	0	-10939	0.19	0.40	2.09	V
							430	10974	0.25	0.40	1.61	V
							950	-14413	0.28	0.40	1.45	V
						Q.Perm	0	-10689	0.19	0.30	1.62	V
							430	10739	0.24	0.30	1.24	V
							950	-14122	0.27	0.30	1.12	V
199	578	Piano 3	34-39	13	2.5	Freq	0	907	0.00	0.40	-	V
							249	-979	0.00	0.40	-	V
							315	-1491	0.00	0.40	-	V
						Q.Perm	0	892	0.00	0.30	-	V
							249	-963	0.00	0.30	-	V
							315	-1467	0.00	0.30	-	V
200	579	Piano 3	35-40	13	2.5	Freq	0	-1119	0.00	0.40	-	V
							249	82	0.00	0.40	-	V
							315	-746	0.00	0.40	-	V
						Q.Perm	0	-1096	0.00	0.30	-	V
							249	75	0.00	0.30	-	V
							315	-727	0.00	0.30	-	V
201	580	Piano 3	37-36	13	2.5	Freq	0	-768	0.00	0.40	-	V
							101	1146	0.00	0.40	-	V
							150	1267	0.00	0.40	-	V
						Q.Perm	0	-743	0.00	0.30	-	V
							101	1098	0.00	0.30	-	V
							150	1213	0.00	0.30	-	V
202	581	Piano 3	36-41	5	2.5	Freq	0	-2328	0.00	0.40	-	V
							158	1314	0.00	0.40	-	V
							210	1424	0.00	0.40	-	V
						Q.Perm	0	-2275	0.00	0.30	-	V
							158	1254	0.00	0.30	-	V
							210	1353	0.00	0.30	-	V
203	582	Piano 3	37-38	5	2.5	Freq	0	-578	0.00	0.40	-	V
							158	-160	0.00	0.40	-	V
							210	-216	0.00	0.40	-	V
						Q.Perm	0	-558	0.00	0.30	-	V
							158	-140	0.00	0.30	-	V
							210	-191	0.00	0.30	-	V
204	583	Piano 3	39-49	9	2.5	Freq	0	-4994	0.00	0.40	-	V
							264	6316	0.00	0.40	-	V
							750	-21	0.00	0.40	-	V
						Q.Perm	0	-4871	0.00	0.30	-	V

							264	6193	0.00	0.30	-	V
							750	-21	0.00	0.30	-	V
205	584	Piano 3	40-41	9	2.5	Freq	0	-517	0.00	0.40	-	V
							271	327	0.00	0.40	-	V
							355	-78	0.00	0.40	-	V
						Q.Perm	0	-506	0.00	0.30	-	V
							271	319	0.00	0.30	-	V
							355	26	0.00	0.30	-	V
206	585	Piano 3	41-42	5	2.5	Freq	0	-1201	0.00	0.40	-	V
							241	252	0.00	0.40	-	V
							335	-874	0.00	0.40	-	V
						Q.Perm	0	-1147	0.00	0.30	-	V
							241	228	0.00	0.30	-	V
							335	-800	0.00	0.30	-	V
207	586	Piano 3	42-43	5	2.5	Freq	0	-1256	0.00	0.40	-	V
							131	1369	0.00	0.40	-	V
							210	1615	0.00	0.40	-	V
						Q.Perm	0	-1224	0.00	0.30	-	V
							131	1317	0.00	0.30	-	V
							210	1552	0.00	0.30	-	V
208	587	Piano 3	43-44	5	2.5	Freq	0	614	0.00	0.40	-	V
							193	-594	0.00	0.40	-	V
							295	-932	0.00	0.40	-	V
						Q.Perm	0	575	0.00	0.30	-	V
							193	-543	0.00	0.30	-	V
							295	-868	0.00	0.30	-	V
209	632	Piano 4	20-21	13	2.5	Freq	0	826	0.00	0.40	-	V
							276	-2427	0.00	0.40	-	V
							365	-3169	0.00	0.40	-	V
						Q.Perm	0	774	0.00	0.30	-	V
							276	-2294	0.00	0.30	-	V
							365	-3006	0.00	0.30	-	V
210	633	Piano 4	47-20	10	2.5	Freq	0	1395	0.00	0.40	-	V
							33	1324	0.00	0.40	-	V
							305	-551	0.00	0.40	-	V
						Q.Perm	0	1378	0.00	0.30	-	V
							33	1306	0.00	0.30	-	V
							305	-548	0.00	0.30	-	V
211	634	Piano 4	48-21	10	2.5	Freq	0	6740	0.30	0.40	1.31	V
							33	6288	0.28	0.40	1.44	V
							305	-5387	0.31	0.40	1.28	V
						Q.Perm	0	6440	0.29	0.30	1.04	V
							33	6005	0.26	0.30	1.14	V
							305	-5139	0.29	0.30	1.02	V
212	635	Piano 4	27-29	5	2.5	Freq	0	-147	0.00	0.40	-	V
							34	-32	0.00	0.40	-	V
							335	-950	0.00	0.40	-	V
						Q.Perm	0	-134	0.00	0.30	-	V
							34	-17	0.00	0.30	-	V
							335	-910	0.00	0.30	-	V
213	636	Piano 4	27-41	5	2.5	Freq	0	-3895	0.00	0.40	-	V
							300	2984	0.00	0.40	-	V
							630	-1639	0.00	0.40	-	V
						Q.Perm	0	-3801	0.00	0.30	-	V
							300	2913	0.00	0.30	-	V
							630	-1595	0.00	0.30	-	V
214	637	Piano 4	27-47	10	2.5	Freq	0	-3280	0.23	0.40	1.75	V
							33	-2089	0.00	0.40	-	V
							305	1411	0.00	0.40	-	V
						Q.Perm	0	-3214	0.22	0.30	1.35	V
							33	-2051	0.00	0.30	-	V
							305	1394	0.00	0.30	-	V
215	638	Piano 4	29-30	5	2.5	Freq	0	3053	0.00	0.40	-	V
							131	-323	0.00	0.40	-	V
							210	-878	0.00	0.40	-	V
						Q.Perm	0	2884	0.00	0.30	-	V
							131	-304	0.00	0.30	-	V
							210	-832	0.00	0.30	-	V
216	639	Piano 4	29-33	5	2.5	Freq	0	-5221	0.23	0.40	1.74	V
							23	-4388	0.00	0.40	-	V
							210	-1503	0.00	0.40	-	V
						Q.Perm	0	-4961	0.00	0.30	-	V

							23	-4166	0.00	0.30	-	V
							210	-1466	0.00	0.30	-	V
217	640	Piano 4	29-48	10	2.5	Freq	0	-9608	0.28	0.40	1.40	V
							232	6248	0.29	0.40	1.38	V
							305	6795	0.24	0.40	1.69	V
						Q.Perm	0	-9176	0.27	0.30	1.11	V
							232	5971	0.27	0.30	1.10	V
							305	6491	0.22	0.30	1.35	V
218	641	Piano 4	30-43	5	2.5	Freq	0	-2774	0.00	0.40	-	V
							300	2531	0.00	0.40	-	V
							630	-1722	0.00	0.40	-	V
						Q.Perm	0	-2699	0.00	0.30	-	V
							300	2484	0.00	0.30	-	V
							630	-1675	0.00	0.30	-	V
219	642	Piano 4	32-33	5	2.5	Freq	0	73	0.00	0.40	-	V
							158	22	0.00	0.40	-	V
							210	-101	0.00	0.40	-	V
						Q.Perm	0	69	0.00	0.30	-	V
							158	22	0.00	0.30	-	V
							210	-90	0.00	0.30	-	V
220	643	Piano 4	32-37	5	2.5	Freq	0	180	0.00	0.40	-	V
							23	380	0.00	0.40	-	V
							210	-197	0.00	0.40	-	V
						Q.Perm	0	174	0.00	0.30	-	V
							23	370	0.00	0.30	-	V
							210	-193	0.00	0.30	-	V
221	644	Piano 4	33-38	5	2.5	Freq	0	-951	0.00	0.40	-	V
							158	-1354	0.00	0.40	-	V
							210	-1736	0.00	0.40	-	V
						Q.Perm	0	-938	0.00	0.30	-	V
							158	-1319	0.00	0.30	-	V
							210	-1689	0.00	0.30	-	V
222	645	Piano 4	37-38	5	2.5	Freq	0	194	0.00	0.40	-	V
							23	253	0.00	0.40	-	V
							210	-68	0.00	0.40	-	V
						Q.Perm	0	187	0.00	0.30	-	V
							23	248	0.00	0.30	-	V
							210	-59	0.00	0.30	-	V
223	646	Piano 4	38-42	5	2.5	Freq	0	-1969	0.00	0.40	-	V
							23	-1267	0.00	0.40	-	V
							210	726	0.00	0.40	-	V
						Q.Perm	0	-1916	0.00	0.30	-	V
							23	-1230	0.00	0.30	-	V
							210	715	0.00	0.30	-	V
224	647	Piano 4	41-42	5	2.5	Freq	0	-528	0.00	0.40	-	V
							34	-244	0.00	0.40	-	V
							335	-45	0.00	0.40	-	V
						Q.Perm	0	-501	0.00	0.30	-	V
							34	-226	0.00	0.30	-	V
							335	-9	0.00	0.30	-	V
225	648	Piano 4	42-43	5	2.5	Freq	0	-438	0.00	0.40	-	V
							131	191	0.00	0.40	-	V
							210	208	0.00	0.40	-	V
						Q.Perm	0	-435	0.00	0.30	-	V
							131	189	0.00	0.30	-	V
							210	205	0.00	0.30	-	V
226	649	Piano 4	47-48	8	2.5	Freq	0	62	0.00	0.40	-	V
							306	-2605	0.25	0.40	1.59	V
							380	-3331	0.28	0.40	1.43	V
						Q.Perm	0	47	0.00	0.30	-	V
							306	-2466	0.23	0.30	1.30	V
							380	-3161	0.26	0.30	1.16	V

4.3.3 Verifiche Travi di Fondazione in C.A. .

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative alle travi di fondazione della struttura.

4.3.3.1 Verifiche SLV - Flessione Composta

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
εc2 : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
εcu2 : deformazione ultima di contrazione del calcestruzzo;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
A_{sup} : valore dell'area di armatura presente all'estradosso;
A_{inf} : valore dell'area di armatura presente all'intradosso;
A_{fl} : valore dell'area di armatura presente nella sezione;

Azioni Sollecitanti:
N_{Sd} : Sforzo Normale Sollecitante;
M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

εCls : deformazione massima del calcestruzzo compresso
εacc : deformazione massima dell'armatura tesa

Azioni Resistenti:
N_{Rd} : Sforzo Normale Resistente;
M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

C : campo di rottura
S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 26.I

												Azioni Sollecitanti					Azioni Resistenti					
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**εc2 [‰]**	**εcu2 [‰]**	**X [cm]**	**Cop [cm]**	**A_{sup} [cm²]**	**A_{inf} [cm²]**	**A_{fl} [cm²]**	**N_{sd} [daN]**	**M_{sdxz} [daNm]**	**M_{sdxy} [daNm]**	**εcls [‰]**	**εacc [‰]**	**N_{rd} [daN]**	**M_{rdxz} [daNm]**	**M_{rdxy} [daNm]**	**C**	**S**	**Esito**
227	1	Fondazione	1-2	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-19603	-	0.48	1.86	0	-68247	-	2	3.48	V
					2.00	3.50	171	2.5	16.08	16.08	36.88	0	-26548	-	0.48	1.86	0	-68247	-	2	2.57	V
					2.00	3.50	530	2.5	16.08	16.08	36.88	0	12507	-	0.48	1.86	0	68247	-	2	5.46	V
228	7	Fondazione	1-7	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-52987	-	0.48	1.86	0	-68247	-	2	1.29	V
					2.00	3.50	34	2.5	16.08	16.08	36.88	0	-36302	-	0.48	1.86	0	-68247	-	2	1.88	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	20805	-	0.48	1.86	0	68247	-	2	3.28	V
229	8	Fondazione	2-3	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	19998	-	0.48	1.86	0	68247	-	2	3.41	V
					2.00	3.50	216	2.5	16.08	16.08	36.88	0	-14469	-	0.48	1.86	0	-68247	-	2	4.72	V
					2.00	3.50	405	2.5	16.08	16.08	36.88	0	9111	-	0.48	1.86	0	68247	-	2	7.49	V
230	13	Fondazione	2-8	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-10689	-	0.48	1.86	0	-68247	-	2	6.38	V
					2.00	3.50	138	2.5	16.08	16.08	36.88	0	-14878	-	0.48	1.86	0	-68247	-	2	4.59	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	10654	-	0.48	1.86	0	68247	-	2	6.41	V
231	17	Fondazione	3-4	6	2.00	3.50	0	2.5	16.08	18.10	38.89	0	-13526	-	0.47	1.86	-1	-68351	-	2	5.05	V
					2.00	3.50	280	2.5	16.08	18.10	38.89	0	-41132	-	0.47	1.86	-1	-68351	-	2	1.66	V
					2.00	3.50	375	2.5	16.08	18.10	38.89	0	-64056	-	0.47	1.86	-1	-68351	-	2	1.07	V
232	21	Fondazione	3-9	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-9856	-	0.48	1.86	0	-68247	-	2	6.92	V
					2.00	3.50	206	2.5	16.08	16.08	36.88	0	-20255	-	0.48	1.86	0	-68247	-	2	3.37	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	-22933	-	0.48	1.86	0	-68247	-	2	2.98	V
233	25	Fondazione	4-5	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	66560	-	0.48	1.86	0	68247	-	2	1.03	V
					2.00	3.50	37	2.5	16.08	16.08	36.88	0	40507	-	0.48	1.86	0	68247	-	2	1.68	V
					2.00	3.50	365	2.5	16.08	16.08	36.88	0	1140	-	0.48	1.86	0	68247	-	2	59.86	V
234	29	Fondazione	4-13	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-17521	-	0.48	1.86	0	-68247	-	2	3.90	V
					2.00	3.50	218	2.5	16.08	16.08	36.88	0	-35449	-	0.48	1.86	0	-68247	-	2	1.93	V
					2.00	3.50	610	2.5	16.08	16.08	36.88	0	25336	-	0.48	1.86	0	68247	-	2	2.69	V
235	36	Fondazione	5-6	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-2254	-	0.48	1.86	0	-68247	-	2	30.28	V
					2.00	3.50	250	2.5	16.08	16.08	36.88	0	-2725	-	0.48	1.86	0	-68247	-	2	25.04	V
					2.00	3.50	490	2.5	16.08	16.08	36.88	0	-2488	-	0.48	1.86	0	-68247	-	2	27.43	V
236	41	Fondazione	5-14	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-27176	-	0.48	1.86	0	-68247	-	2	2.51	V
					2.00	3.50	218	2.5	16.08	16.08	36.88	0	-41034	-	0.48	1.86	0	-68247	-	2	1.66	V

					2.00	3.50	610	2.5	16.08	16.08	36.88	0	28694	-	0.48	1.86	0	68247	-	2	2.38	V
237	48	Fondazione	6-15	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-29404	-	0.48	1.86	0	-68247	-	2	2.32	V
					2.00	3.50	218	2.5	16.08	16.08	36.88	0	-46944	-	0.48	1.86	0	-68247	-	2	1.45	V
					2.00	3.50	610	2.5	16.08	16.08	36.88	0	36394	-	0.48	1.86	0	68247	-	2	1.88	V
238	55	Fondazione	7-8	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	13989	-	0.48	1.86	0	68247	-	2	4.88	V
					2.00	3.50	398	2.5	16.08	16.08	36.88	0	-26506	-	0.48	1.86	0	-68247	-	2	2.57	V
					2.00	3.50	530	2.5	16.08	16.08	36.88	0	-35339	-	0.48	1.86	0	-68247	-	2	1.93	V
239	56	Fondazione	7-10	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	31857	-	0.48	1.86	0	68247	-	2	2.14	V
					2.00	3.50	34	2.5	16.08	16.08	36.88	0	20558	-	0.48	1.86	0	68247	-	2	3.32	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	19424	-	0.48	1.86	0	68247	-	2	3.51	V
240	57	Fondazione	8-9	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-10590	-	0.48	1.86	0	-68247	-	2	6.44	V
					2.00	3.50	129	2.5	16.08	16.08	36.88	0	-9792	-	0.48	1.86	0	-68247	-	2	6.97	V
					2.00	3.50	405	2.5	16.08	16.08	36.88	0	5640	-	0.48	1.86	0	68247	-	2	12.10	V
241	62	Fondazione	8-11	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	12592	-	0.48	1.86	0	68247	-	2	5.42	V
					2.00	3.50	138	2.5	16.08	16.08	36.88	0	-9321	-	0.48	1.86	0	-68247	-	2	7.32	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	11484	-	0.48	1.86	0	68247	-	2	5.94	V
242	66	Fondazione	12-9	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	8480	-	0.48	1.86	0	68247	-	2	8.05	V
					2.00	3.50	240	2.5	16.08	16.08	36.88	0	-17082	-	0.48	1.86	0	-68247	-	2	4.00	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	-21668	-	0.48	1.86	0	-68247	-	2	3.15	V
243	70	Fondazione	10-11	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	22989	-	0.48	1.86	0	68247	-	2	2.97	V
					2.00	3.50	398	2.5	16.08	16.08	36.88	0	-45593	-	0.48	1.86	0	-68247	-	2	1.50	V
					2.00	3.50	530	2.5	16.08	16.08	36.88	0	-64775	-	0.48	1.86	0	-68247	-	2	1.05	V
244	71	Fondazione	10-16	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	23635	-	0.48	1.86	0	68247	-	2	2.89	V
					2.00	3.50	241	2.5	16.08	16.08	36.88	0	14026	-	0.48	1.86	0	68247	-	2	4.87	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	25106	-	0.48	1.86	0	68247	-	2	2.72	V
245	72	Fondazione	11-12	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-24382	-	0.48	1.86	0	-68247	-	2	2.80	V
					2.00	3.50	43	2.5	16.08	16.08	36.88	0	-16413	-	0.48	1.86	0	-68247	-	2	4.16	V
					2.00	3.50	415	2.5	16.08	16.08	36.88	0	12528	-	0.48	1.86	0	68247	-	2	5.45	V
246	77	Fondazione	12-13	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	20163	-	0.48	1.86	0	68247	-	2	3.38	V
					2.00	3.50	37	2.5	16.08	16.08	36.88	0	-11346	-	0.48	1.86	0	-68247	-	2	6.01	V
					2.00	3.50	365	2.5	16.08	16.08	36.88	0	19208	-	0.48	1.86	0	68247	-	2	3.55	V
247	81	Fondazione	12-17	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	15318	-	0.48	1.86	0	68247	-	2	4.46	V
					2.00	3.50	34	2.5	16.08	16.08	36.88	0	-9933	-	0.48	1.86	0	-68247	-	2	6.87	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	17521	-	0.48	1.86	0	68247	-	2	3.90	V
248	85	Fondazione	13-14	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	15412	-	0.48	1.86	0	68247	-	2	4.43	V
					2.00	3.50	258	2.5	16.08	16.08	36.88	0	10207	-	0.48	1.86	0	68247	-	2	6.69	V
					2.00	3.50	365	2.5	16.08	16.08	36.88	0	21608	-	0.48	1.86	0	68247	-	2	3.16	V
249	89	Fondazione	13-20	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	26427	-	0.48	1.86	0	68247	-	2	2.58	V
					2.00	3.50	290	2.5	16.08	16.08	36.88	0	-11136	-	0.48	1.86	0	-68247	-	2	6.13	V
					2.00	3.50	610	2.5	16.08	16.08	36.88	0	31757	-	0.48	1.86	0	68247	-	2	2.15	V
250	96	Fondazione	14-15	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	8169	-	0.48	1.86	0	68247	-	2	8.35	V
					2.00	3.50	250	2.5	16.08	16.08	36.88	0	-25393	-	0.48	1.86	0	-68247	-	2	2.69	V
					2.00	3.50	490	2.5	16.08	16.08	36.88	0	-12203	-	0.48	1.86	0	-68247	-	2	5.59	V
251	101	Fondazione	14-21	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	30318	-	0.48	1.86	0	68247	-	2	2.25	V
					2.00	3.50	290	2.5	16.08	16.08	36.88	0	-14181	-	0.48	1.86	0	-68247	-	2	4.81	V
					2.00	3.50	610	2.5	16.08	16.08	36.88	0	38494	-	0.48	1.86	0	68247	-	2	1.77	V
252	108	Fondazione	15-22	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	36026	-	0.48	1.86	0	68247	-	2	1.89	V
					2.00	3.50	73	2.5	16.08	16.08	36.88	0	16163	-	0.48	1.86	0	68247	-	2	4.22	V
					2.00	3.50	610	2.5	16.08	16.08	36.88	0	41205	-	0.48	1.86	0	68247	-	2	1.66	V
253	115	Fondazione	16-17	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	16386	-	0.48	1.86	0	68247	-	2	4.17	V
					2.00	3.50	323	2.5	16.08	16.08	36.88	0	-30536	-	0.48	1.86	0	-68247	-	2	2.23	V
					2.00	3.50	950	2.5	16.08	16.08	36.88	0	-15618	-	0.48	1.86	0	-68247	-	2	4.37	V
254	116	Fondazione	16-18	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	25244	-	0.48	1.86	0	68247	-	2	2.70	V
					2.00	3.50	34	2.5	16.08	16.08	36.88	0	14452	-	0.48	1.86	0	68247	-	2	4.72	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	24662	-	0.48	1.86	0	68247	-	2	2.77	V
255	117	Fondazione	17-19	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	18298	-	0.48	1.86	0	68247	-	2	3.73	V
					2.00	3.50	241	2.5	16.08	16.08	36.88	0	7283	-	0.48	1.86	0	68247	-	2	9.37	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	17157	-	0.48	1.86	0	68247	-	2	3.98	V
256	121	Fondazione	18-19	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	19649	-	0.48	1.86	0	68247	-	2	3.47	V
					2.00	3.50	323	2.5	16.08	16.08	36.88	0	-33293	-	0.48	1.86	0	-68247	-	2	2.05	V
					2.00	3.50	950	2.5	16.08	16.08	36.88	0	-16439	-	0.48	1.86	0	-68247	-	2	4.15	V
257	122	Fondazione	18-23	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	21504	-	0.48	1.86	0	68247	-	2	3.17	V
					2.00	3.50	241	2.5	16.08	16.08	36.88	0	13893	-	0.48	1.86	0	68247	-	2	4.91	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	24569	-	0.48	1.86	0	68247	-	2	2.78	V
258	123	Fondazione	19-20	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	20939	-	0.48	1.86	0	68247	-	2	3.26	V
					2.00	3.50	36	2.5	16.08	16.08	36.88	0	11443	-	0.48	1.86	0	68247	-	2	5.96	V
					2.00	3.50	360	2.5	16.08	16.08	36.88	0	18913	-	0.48	1.86	0	68247	-	2	3.61	V
259	127	Fondazione	19-24	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	17412	-	0.48	1.86	0	68247	-	2	3.92	V
					2.00	3.50	34	2.5	16.08	16.08	36.88	0	6956	-	0.48	1.86	0	68247	-	2	9.81	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	12855	-	0.48	1.86	0	68247	-	2	5.31	V
260	131	Fondazione	20-21	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	12141	-	0.48	1.86	0	68247	-	2	5.62	V
					2.00	3.50	254	2.5	16.08	16.08	36.88	0	-15134	-	0.48	1.86	0	-68247	-	2	4.51	V
					2.00	3.50	365	2.5	16.08	16.08	36.88	0	28218	-	0.48	1.86	0	68247	-	2	2.42	V

261	135	Fondazione	20-47	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	31457	-	0.48	1.86	0	68247	-	2	2.17	V
					2.00	3.50	33	2.5	16.08	16.08	36.88	0	15221	-	0.48	1.86	0	68247	-	2	4.48	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	-16577	-	0.48	1.86	0	-68247	-	2	4.12	V
262	139	Fondazione	21-22	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	11222	-	0.48	1.86	0	68247	-	2	6.08	V
					2.00	3.50	296	2.5	16.08	16.08	36.88	0	-21673	-	0.48	1.86	0	-68247	-	2	3.15	V
					2.00	3.50	490	2.5	16.08	16.08	36.88	0	-23096	-	0.48	1.86	0	-68247	-	2	2.95	V
263	145	Fondazione	21-48	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	37799	-	0.48	1.86	0	68247	-	2	1.81	V
					2.00	3.50	33	2.5	16.08	16.08	36.88	0	18945	-	0.48	1.86	0	68247	-	2	3.60	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	-19897	-	0.48	1.86	0	-68247	-	2	3.43	V
264	149	Fondazione	22-31	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	36517	-	0.48	1.86	0	68247	-	2	1.87	V
					2.00	3.50	508	2.5	16.08	16.08	36.88	0	15699	-	0.48	1.86	0	68247	-	2	4.35	V
					2.00	3.50	610	2.5	16.08	16.08	36.88	0	44409	-	0.48	1.86	0	68247	-	2	1.54	V
265	156	Fondazione	23-24	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	23445	-	0.48	1.86	0	68247	-	2	2.91	V
					2.00	3.50	323	2.5	16.08	16.08	36.88	0	-33796	-	0.48	1.86	0	-68247	-	2	2.02	V
					2.00	3.50	950	2.5	16.08	16.08	36.88	0	-17147	-	0.48	1.86	0	-68247	-	2	3.98	V
266	157	Fondazione	23-25	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	21240	-	0.48	1.86	0	68247	-	2	3.21	V
					2.00	3.50	241	2.5	16.08	16.08	36.88	0	14171	-	0.48	1.86	0	68247	-	2	4.82	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	25190	-	0.48	1.86	0	68247	-	2	2.71	V
267	158	Fondazione	24-26	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	12956	-	0.48	1.86	0	68247	-	2	5.27	V
					2.00	3.50	241	2.5	16.08	16.08	36.88	0	7191	-	0.48	1.86	0	68247	-	2	9.49	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	17793	-	0.48	1.86	0	68247	-	2	3.84	V
268	162	Fondazione	24-47	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	22882	-	0.48	1.86	0	68247	-	2	2.98	V
					2.00	3.50	35	2.5	16.08	16.08	36.88	0	12339	-	0.48	1.86	0	68247	-	2	5.53	V
					2.00	3.50	353	2.5	16.08	16.08	36.88	0	5627	-	0.48	1.86	0	68247	-	2	12.13	V
269	166	Fondazione	25-26	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	27670	-	0.48	1.86	0	68247	-	2	2.47	V
					2.00	3.50	430	2.5	16.08	16.08	36.88	0	-32978	-	0.48	1.86	0	-68247	-	2	2.07	V
					2.00	3.50	950	2.5	16.08	16.08	36.88	0	-20342	-	0.48	1.86	0	-68247	-	2	3.36	V
270	167	Fondazione	25-34	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	23085	-	0.48	1.86	0	68247	-	2	2.96	V
					2.00	3.50	249	2.5	16.08	16.08	36.88	0	21315	-	0.48	1.86	0	68247	-	2	3.20	V
					2.00	3.50	315	2.5	16.08	16.08	36.88	0	35684	-	0.48	1.86	0	68247	-	2	1.91	V
271	168	Fondazione	26-27	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	23187	-	0.48	1.86	0	68247	-	2	2.94	V
					2.00	3.50	38	2.5	16.08	16.08	36.88	0	12134	-	0.48	1.86	0	68247	-	2	5.62	V
					2.00	3.50	375	2.5	16.08	16.08	36.88	0	22808	-	0.48	1.86	0	68247	-	2	2.99	V
272	172	Fondazione	26-35	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	15457	-	0.48	1.86	0	68247	-	2	4.42	V
					2.00	3.50	214	2.5	16.08	16.08	36.88	0	-11564	-	0.48	1.86	0	-68247	-	2	5.90	V
					2.00	3.50	315	2.5	16.08	16.08	36.88	0	16174	-	0.48	1.86	0	68247	-	2	4.22	V
273	176	Fondazione	27-28	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	18268	-	0.48	1.86	0	68247	-	2	3.74	V
					2.00	3.50	79	2.5	16.08	16.08	36.88	0	14908	-	0.48	1.86	0	68247	-	2	4.58	V
					2.00	3.50	140	2.5	16.08	16.08	36.88	0	20368	-	0.48	1.86	0	68247	-	2	3.35	V
274	178	Fondazione	27-36	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	31374	-	0.48	1.86	0	68247	-	2	2.18	V
					2.00	3.50	341	2.5	16.08	16.08	36.88	0	-15692	-	0.48	1.86	0	-68247	-	2	4.35	V
					2.00	3.50	420	2.5	16.08	16.08	36.88	0	-20203	-	0.48	1.86	0	-68247	-	2	3.38	V
275	183	Fondazione	47-27	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-16953	-	0.48	1.86	0	-68247	-	2	4.03	V
					2.00	3.50	228	2.5	16.08	16.08	36.88	0	17349	-	0.48	1.86	0	68247	-	2	3.93	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	34047	-	0.48	1.86	0	68247	-	2	2.00	V
276	187	Fondazione	28-29	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	14649	-	0.48	1.86	0	68247	-	2	4.66	V
					2.00	3.50	127	2.5	16.08	16.08	36.88	0	10948	-	0.48	1.86	0	68247	-	2	6.23	V
					2.00	3.50	195	2.5	16.08	16.08	36.88	0	16214	-	0.48	1.86	0	68247	-	2	4.21	V
277	189	Fondazione	29-30	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-5471	-	0.48	1.86	0	-68247	-	2	12.47	V
					2.00	3.50	113	2.5	16.08	16.08	36.88	0	-14857	-	0.48	1.86	0	-68247	-	2	4.59	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	-18474	-	0.48	1.86	0	-68247	-	2	3.69	V
278	192	Fondazione	29-33	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	30306	-	0.48	1.86	0	68247	-	2	2.25	V
					2.00	3.50	23	2.5	16.08	16.08	36.88	0	19516	-	0.48	1.86	0	68247	-	2	3.50	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	-13870	-	0.48	1.86	0	-68247	-	2	4.92	V
279	195	Fondazione	48-29	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-19583	-	0.48	1.86	0	-68247	-	2	3.48	V
					2.00	3.50	228	2.5	16.08	16.08	36.88	0	20948	-	0.48	1.86	0	68247	-	2	3.26	V
					2.00	3.50	305	2.5	16.08	16.08	36.88	0	38472	-	0.48	1.86	0	68247	-	2	1.77	V
280	199	Fondazione	30-31	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-13869	-	0.48	1.86	0	-68247	-	2	4.92	V
					2.00	3.50	165	2.5	16.08	16.08	36.88	0	-25664	-	0.48	1.86	0	-68247	-	2	2.66	V
					2.00	3.50	295	2.5	16.08	16.08	36.88	0	-27425	-	0.48	1.86	0	-68247	-	2	2.49	V
281	202	Fondazione	30-43	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	14943	-	0.48	1.86	0	68247	-	2	4.57	V
					2.00	3.50	375	2.5	16.08	16.08	36.88	0	-25366	-	0.48	1.86	0	-68247	-	2	2.69	V
					2.00	3.50	630	2.5	16.08	16.08	36.88	0	-9510	-	0.48	1.86	0	-68247	-	2	7.18	V
282	209	Fondazione	31-44	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	35339	-	0.48	1.86	0	68247	-	2	1.93	V
					2.00	3.50	375	2.5	16.08	16.08	36.88	0	-37586	-	0.48	1.86	0	-68247	-	2	1.82	V
					2.00	3.50	630	2.5	16.08	16.08	36.88	0	-16216	-	0.48	1.86	0	-68247	-	2	4.21	V
283	216	Fondazione	32-33	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	6154	-	0.48	1.86	0	68247	-	2	11.09	V
					2.00	3.50	158	2.5	16.08	16.08	36.88	0	4356	-	0.48	1.86	0	68247	-	2	15.67	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	6167	-	0.48	1.86	0	68247	-	2	11.07	V
284	219	Fondazione	32-37	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-5319	-	0.48	1.86	0	-68247	-	2	12.83	V
					2.00	3.50	113	2.5	16.08	16.08	36.88	0	-9906	-	0.48	1.86	0	-68247	-	2	6.89	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	-11191	-	0.48	1.86	0	-68247	-	2	6.10	V
285	222	Fondazi	33-3	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-11538	-	0.48	1.86	0	-68247	-	2	5.92	V

		one	8																			
					2.00	3.50	135	2.5	16.08	16.08	36.88	0	-18581	-	0.48	1.86	0	-68247	-	2	3.67	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	-22706	-	0.48	1.86	0	-68247	-	2	3.01	V
286	225	Fondazione	34-35	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	32242	-	0.48	1.86	0	68247	-	2	2.12	V
					2.00	3.50	215	2.5	16.08	16.08	36.88	0	-31593	-	0.48	1.86	0	-68247	-	2	2.16	V
					2.00	3.50	950	2.5	16.08	16.08	36.88	0	-30326	-	0.48	1.86	0	-68247	-	2	2.25	V
287	226	Fondazione	34-39	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	31312	-	0.48	1.86	0	68247	-	2	2.18	V
					2.00	3.50	249	2.5	16.08	16.08	36.88	0	22087	-	0.48	1.86	0	68247	-	2	3.09	V
					2.00	3.50	315	2.5	16.08	16.08	36.88	0	30921	-	0.48	1.86	0	68247	-	2	2.21	V
288	227	Fondazione	35-40	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-28578	-	0.48	1.86	0	-68247	-	2	2.39	V
					2.00	3.50	32	2.5	16.08	16.08	36.88	0	-19859	-	0.48	1.86	0	-68247	-	2	3.44	V
					2.00	3.50	300	2.5	16.08	16.08	36.88	0	14174	-	0.48	1.86	0	68247	-	2	4.82	V
289	228	Fondazione	36-37	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	11069	-	0.48	1.86	0	68247	-	2	6.17	V
					2.00	3.50	101	2.5	16.08	16.08	36.88	0	11553	-	0.48	1.86	0	68247	-	2	5.91	V
					2.00	3.50	150	2.5	16.08	16.08	36.88	0	15866	-	0.48	1.86	0	68247	-	2	4.30	V
290	230	Fondazione	36-41	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-20713	-	0.48	1.86	0	-68247	-	2	3.29	V
					2.00	3.50	68	2.5	16.08	16.08	36.88	0	-17022	-	0.48	1.86	0	-68247	-	2	4.01	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	-10824	-	0.48	1.86	0	-68247	-	2	6.31	V
291	233	Fondazione	37-38	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	12308	-	0.48	1.86	0	68247	-	2	5.55	V
					2.00	3.50	23	2.5	16.08	16.08	36.88	0	8512	-	0.48	1.86	0	68247	-	2	8.02	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	9321	-	0.48	1.86	0	68247	-	2	7.32	V
292	236	Fondazione	38-42	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-24364	-	0.48	1.86	0	-68247	-	2	2.80	V
					2.00	3.50	23	2.5	16.08	16.08	36.88	0	-18661	-	0.48	1.86	0	-68247	-	2	3.66	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	-9873	-	0.48	1.86	0	-68247	-	2	6.91	V
293	239	Fondazione	39-45	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	30827	-	0.48	1.86	0	68247	-	2	2.21	V
					2.00	3.50	289	2.5	16.08	16.08	36.88	0	-35644	-	0.48	1.86	0	-68247	-	2	1.91	V
					2.00	3.50	360	2.5	16.08	16.08	36.88	0	-50248	-	0.48	1.86	0	-68247	-	2	1.36	V
294	240	Fondazione	39-49	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	45628	-	0.48	1.86	0	68247	-	2	1.50	V
					2.00	3.50	591	2.5	16.08	16.08	36.88	0	-62947	-	0.48	1.86	0	-68247	-	2	1.08	V
					2.00	3.50	750	2.5	20.11	16.08	40.90	0	-77431	-	0.55	1.86	0	-84659	-	2	1.09	V
295	241	Fondazione	40-41	6	2.00	3.50	0	2.5	24.13	26.14	54.98	0	109618	-	0.62	1.86	-1	109729	-	2	1.00	V
					2.00	3.50	37	2.5	20.11	22.12	46.94	0	89758	-	0.57	1.86	1	93121	-	2	1.04	V
					2.00	3.50	360	2.5	16.08	16.08	36.88	0	-47382	-	0.48	1.86	0	-68247	-	2	1.44	V
296	242	Fondazione	49-40	6	2.00	3.50	0	2.5	25.45	27.99	58.15	0	-104847	-	0.59	1.86	0	-107124	-	2	1.02	V
					2.00	3.50	140	2.5	25.45	27.99	58.15	0	91989	-	0.64	1.86	1	117179	-	2	1.27	V
					2.00	3.50	220	2.5	25.45	27.99	58.15	0	112069	-	0.64	1.86	1	117179	-	2	1.05	V
297	245	Fondazione	41-42	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	14820	-	0.48	1.86	0	68247	-	2	4.61	V
					2.00	3.50	232	2.5	16.08	16.08	36.88	0	23294	-	0.48	1.86	0	68247	-	2	2.93	V
					2.00	3.50	330	2.5	16.08	16.08	36.88	0	39377	-	0.48	1.86	0	68247	-	2	1.73	V
298	249	Fondazione	42-43	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	24761	-	0.48	1.86	0	68247	-	2	2.76	V
					2.00	3.50	131	2.5	16.08	16.08	36.88	0	-22477	-	0.48	1.86	0	-68247	-	2	3.04	V
					2.00	3.50	210	2.5	16.08	16.08	36.88	0	31518	-	0.48	1.86	0	68247	-	2	2.17	V
299	252	Fondazione	43-44	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-22743	-	0.48	1.86	0	-68247	-	2	3.00	V
					2.00	3.50	193	2.5	16.08	16.08	36.88	0	-27881	-	0.48	1.86	0	-68247	-	2	2.45	V
					2.00	3.50	295	2.5	16.08	16.08	36.88	0	-32623	-	0.48	1.86	0	-68247	-	2	2.09	V
300	255	Fondazione	45-46	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-28185	-	0.48	1.86	0	-68247	-	2	2.42	V
					2.00	3.50	282	2.5	16.08	16.08	36.88	0	-33531	-	0.48	1.86	0	-68247	-	2	2.04	V
					2.00	3.50	813	2.5	16.08	16.08	36.88	0	-19408	-	0.48	1.86	0	-68247	-	2	3.52	V
301	264	Fondazione	46-49	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	-8591	-	0.48	1.86	0	-68247	-	2	7.94	V
					2.00	3.50	206	2.5	16.08	16.08	36.88	0	-15411	-	0.48	1.86	0	-68247	-	2	4.43	V
					2.00	3.50	380	2.5	16.08	16.08	36.88	0	21084	-	0.48	1.86	0	68247	-	2	3.24	V
302	268	Fondazione	47-48	6	2.00	3.50	0	2.5	16.08	16.08	36.88	0	7581	-	0.48	1.86	0	68247	-	2	9.00	V
					2.00	3.50	160	2.5	16.08	16.08	36.88	0	-7110	-	0.48	1.86	0	-68247	-	2	9.60	V
					2.00	3.50	380	2.5	16.08	16.08	36.88	0	6676	-	0.48	1.86	0	68247	-	2	10.22	V

4.3.3.2 Verifiche SLV - Taglio

Camp. : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop. : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;
cot(θ) : cotangente dell'angolo θ;
A_{Sag} : area del singolo sagomato;

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$);

V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$; $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$);

$\gamma_{Rd} = 1.2$;

Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Tagli Resistenti:

V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;

V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;

N_{br} : numero di bracci di cui è composta la staffa;

D_{Staffe} : interasse tra le staffe;

L_{TR} : lunghezza dei tratti per cui si ha D_{staffe};

S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}

S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}

Esito : Esito della verifica : V = VERIFICATA;

: NV = NON VERIFICATA;

: NV_min = Minimi di normativa non rispettati;

Tabella 27.I

									Tagli Sollecitanti		Tagli Resistenti								
Camp.	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**Cop. [cm]**	**Blocco**	**cot(θ)**	**A_{Sag} [cm²]**	**V_{SdXY} [daN]**	**V_{SdXZ} [daN]**	**V_{rdxy} [daN]**	**V_{rdxz} [daN]**	**ϕ [mm]**	**N_{br}**	**D_{Staffe} [cm]**	**L_{tr} [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**
227	1	Fondazione	1-2	6	2.5	Ini	1.0	0.00	0	28616	-	64004	10	4	20	455	-	2.24	V
228	7	Fondazione	1-7	6	2.5	Ini	1.0	0.00	0	34609	-	64004	10	4	20	275	-	1.85	V
229	8	Fondazione	2-3	6	2.5	Ini	1.0	0.00	0	15375	-	64004	10	4	20	345	-	4.16	V
230	13	Fondazione	2-8	6	2.5	Ini	1.0	0.00	0	24977	-	64004	10	4	20	275	-	2.56	V
231	17	Fondazione	3-4	6	2.5	Ini	1.0	0.00	0	40460	-	64004	10	4	20	320	-	1.58	V
232	21	Fondazione	3-9	6	2.5	Ini	1.0	0.00	0	17494	-	64004	10	4	20	275	-	3.66	V
233	25	Fondazione	4-5	6	2.5	Ini	1.0	0.00	0	37257	-	64004	10	4	20	295	-	1.72	V
234	29	Fondazione	4-13	6	2.5	Ini	1.0	0.00	0	31892	-	64004	10	4	20	580	-	2.01	V
235	36	Fondazione	5-6	6	2.5	Ini	1.0	0.00	0	5649	-	64004	10	4	20	400	-	11.33	V
236	41	Fondazione	5-14	6	2.5	Ini	1.0	0.00	0	32243	-	64004	10	4	20	580	-	1.99	V
237	48	Fondazione	6-15	6	2.5	Ini	1.0	0.00	0	34832	-	64004	10	4	20	580	-	1.84	V
238	55	Fondazione	7-8	6	2.5	Ini	1.0	0.00	0	15793	-	64004	10	4	20	455	-	4.05	V
239	56	Fondazione	7-10	6	2.5	Ini	1.0	0.00	0	20551	-	64004	10	4	20	275	-	3.11	V
240	57	Fondazione	8-9	6	2.5	Ini	1.0	0.00	0	11726	-	64004	10	4	20	345	-	5.46	V
241	62	Fondazione	8-11	6	2.5	Ini	1.0	0.00	0	22875	-	64004	10	4	20	275	-	2.80	V
242	66	Fondazione	12-9	6	2.5	Ini	1.0	0.00	0	14045	-	64004	10	4	20	275	-	4.56	V
243	70	Fondazione	10-11	6	2.5	Ini	1.0	0.00	0	24978	-	64004	10	4	20	455	-	2.56	V
244	71	Fondazione	10-16	6	2.5	Ini	1.0	0.00	0	22926	-	64004	10	4	20	275	-	2.79	V
245	72	Fondazione	11-12	6	2.5	Ini	1.0	0.00	0	16313	-	64004	10	4	20	340	-	3.92	V
246	77	Fondazione	12-13	6	2.5	Ini	1.0	0.00	0	19837	-	64004	10	4	20	295	-	3.23	V
247	81	Fondazione	12-17	6	2.5	Ini	1.0	0.00	0	22964	-	64004	10	4	20	275	-	2.79	V
248	85	Fondazione	13-14	6	2.5	Ini	1.0	0.00	0	19476	-	64004	10	4	20	295	-	3.29	V
249	89	Fondazione	13-20	6	2.5	Ini	1.0	0.00	0	23687	-	64004	10	4	20	580	-	2.70	V
250	96	Fondazione	14-15	6	2.5	Ini	1.0	0.00	0	24789	-	64004	10	4	20	400	-	2.58	V
251	101	Fondazione	14-21	6	2.5	Ini	1.0	0.00	0	28246	-	64004	10	4	20	580	-	2.27	V
252	108	Fondazione	15-22	6	2.5	Ini	1.0	0.00	0	27246	-	64004	10	4	20	580	-	2.35	V
253	115	Fondazione	16-17	6	2.5	Ini	1.0	0.00	0	21661	-	64004	10	4	20	860	-	2.95	V
254	116	Fondazione	16-18	6	2.5	Ini	1.0	0.00	0	17702	-	64004	10	4	20	275	-	3.62	V

255	117	Fondazione	17-19	6	2.5	Ini	1.0	0.00	0	20192	-	64004	10	4	20	275	-	3.17	V
256	121	Fondazione	18-19	6	2.5	Ini	1.0	0.00	0	23627	-	64004	10	4	20	860	-	2.71	V
257	122	Fondazione	18-23	6	2.5	Ini	1.0	0.00	0	17812	-	64004	10	4	20	275	-	3.59	V
258	123	Fondazione	19-20	6	2.5	Ini	1.0	0.00	0	20049	-	64004	10	4	20	285	-	3.19	V
259	127	Fondazione	19-24	6	2.5	Ini	1.0	0.00	0	19783	-	64004	10	4	20	275	-	3.24	V
260	131	Fondazione	20-21	6	2.5	Ini	1.0	0.00	0	24324	-	64004	10	4	20	290	-	2.63	V
261	135	Fondazione	20-47	6	2.5	Ini	1.0	0.00	0	26273	-	64004	10	4	20	260	-	2.44	V
262	139	Fondazione	21-22	6	2.5	Ini	1.0	0.00	0	24866	-	64004	10	4	20	395	-	2.57	V
263	145	Fondazione	21-48	6	2.5	Ini	1.0	0.00	0	30616	-	64004	10	4	20	260	-	2.09	V
264	149	Fondazione	22-31	6	2.5	Ini	1.0	0.00	0	29194	-	64004	10	4	20	580	-	2.19	V
265	156	Fondazione	23-24	6	2.5	Ini	1.0	0.00	0	24162	-	64004	10	4	20	860	-	2.65	V
266	157	Fondazione	23-25	6	2.5	Ini	1.0	0.00	0	18515	-	64004	10	4	20	275	-	3.46	V
267	158	Fondazione	24-26	6	2.5	Ini	1.0	0.00	0	19695	-	64004	10	4	20	275	-	3.25	V
268	162	Fondazione	24-47	6	2.5	Ini	1.0	0.00	0	13779	-	64004	10	4	20	278	-	4.64	V
269	166	Fondazione	25-26	6	2.5	Ini	1.0	0.00	0	23821	-	64004	10	4	20	860	-	2.69	V
270	167	Fondazione	25-34	6	2.5	Ini	1.0	0.00	0	21418	-	64004	10	4	20	285	-	2.99	V
271	168	Fondazione	26-27	6	2.5	Ini	1.0	0.00	0	22479	-	64004	10	4	20	300	-	2.85	V
272	172	Fondazione	26-35	6	2.5	Ini	1.0	0.00	0	19933	-	64004	10	4	20	285	-	3.21	V
273	176	Fondazione	27-28	6	2.5	Ini	1.0	0.00	0	13734	-	64004	10	4	20	90	-	4.66	V
274	178	Fondazione	27-36	6	2.5	Ini	1.0	0.00	0	22745	-	64004	10	4	20	390	-	2.81	V
275	183	Fondazione	47-27	6	2.5	Ini	1.0	0.00	0	33666	-	64004	10	4	20	260	-	1.90	V
276	187	Fondazione	28-29	6	2.5	Ini	1.0	0.00	0	16485	-	64004	10	4	20	145	-	3.88	V
277	189	Fondazione	29-30	6	2.5	Ini	1.0	0.00	0	16613	-	64004	10	4	20	150	-	3.85	V
278	192	Fondazione	29-33	6	2.5	Ini	1.0	0.00	0	23944	-	64004	10	4	20	180	-	2.67	V
279	195	Fondazione	48-29	6	2.5	Ini	1.0	0.00	0	33508	-	64004	10	4	20	260	-	1.91	V
280	199	Fondazione	30-31	6	2.5	Ini	1.0	0.00	0	22543	-	64004	10	4	20	220	-	2.84	V
281	202	Fondazione	30-43	6	2.5	Ini	1.0	0.00	0	21243	-	64004	10	4	20	600	-	3.01	V
282	209	Fondazione	31-44	6	2.5	Ini	1.0	0.00	0	33694	-	64004	10	4	20	600	-	1.90	V
283	216	Fondazione	32-33	6	2.5	Ini	1.0	0.00	0	5393	-	64004	10	4	20	180	-	11.87	V
284	219	Fondazione	32-37	6	2.5	Ini	1.0	0.00	0	13150	-	64004	10	4	20	180	-	4.87	V
285	222	Fondazione	33-38	6	2.5	Ini	1.0	0.00	0	16049	-	64004	10	4	20	180	-	3.99	V
286	225	Fondazione	34-35	6	2.5	Ini	1.0	0.00	0	21778	-	64004	10	4	20	860	-	2.94	V
287	226	Fondazione	34-39	6	2.5	Ini	1.0	0.00	0	18507	-	64004	10	4	20	285	-	3.46	V
288	227	Fondazione	35-40	6	2.5	Ini	1.0	0.00	0	16959	-	64004	10	4	20	255	-	3.77	V
289	228	Fondazione	36-37	6	2.5	Ini	1.0	0.00	0	13180	-	64004	10	4	20	115	-	4.86	V
290	230	Fondazione	36-41	6	2.5	Ini	1.0	0.00	0	22972	-	64004	10	4	20	180	-	2.79	V
291	233	Fondazione	37-38	6	2.5	Ini	1.0	0.00	0	10575	-	64004	10	4	20	180	-	6.05	V
292	236	Fondazione	38-42	6	2.5	Ini	1.0	0.00	0	19538	-	64004	10	4	20	180	-	3.28	V
293	239	Fondazione	39-45	6	2.5	Ini	1.0	0.00	0	29049	-	64004	10	4	20	330	-	2.20	V
294	240	Fondazione	39-49	6	2.5	Ini	1.0	0.00	0	22846	-	64004	10	4	20	675	-	2.80	V
295	241	Fondazione	40-41	6	2.5	Ini	1.0	0.00	0	49174	-	64004	10	4	20	295	-	1.30	V
296	242	Fondazione	49-40	6	2.5	Ini	1.0	0.00	0	142599	-	159873	10	4	8	160	-	1.12	V
297	245	Fondazione	41-42	6	2.5	Ini	1.0	0.00	0	21834	-	64004	10	4	20	265	-	2.93	V
298	249	Fondazione	42-43	6	2.5	Ini	1.0	0.00	0	17217	-	64004	10	4	20	150	-	3.72	V
299	252	Fondazione	43-44	6	2.5	Ini	1.0	0.00	0	22979	-	64004	10	4	20	220	-	2.79	V
300	255	Fondazione	45-46	6	2.5	Ini	1.0	0.00	0	24796	-	64004	10	4	20	753	-	2.58	V
301	264	Fondazione	46-49	6	2.5	Ini	1.0	0.00	0	17449	-	64004	10	4	20	329	-	3.67	V
302	268	Fondazione	47-48	6	2.5	Ini	1.0	0.00	0	6249	-	64004	10	4	20	320	-	10.24	V

4.3.3.2.1 Verifiche SLD - Flessione Composta.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta

Azioni Sollecitanti:
N_{Sd} : Sforzo Normale Sollecitante;
M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{SdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
Azioni Resistenti:
N_{Rd} : Sforzo Normale Resistente;
M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Vedi tabella 28.I

						Azioni Sollecitanti			Azioni Resistenti				
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**X [cm]**	**N_{sd} [daN]**	**M_{sdxz} [daNm]**	**M_{sdxy} [daNm]**	**N_{rd} [daN]**	**M_{rdxz} [daNm]**	**M_{rdxy} [daNm]**	**S**	**Esito**
227	1	F	1-2	6	0	0	-13633	-	-1	-79086	-	5.80	V
					171	0	-25684	-	-1	-79086	-	3.08	V
					530	0	8649	-	-1	79086	-	9.14	V
228	7	F	1-7	6	0	0	-38548	-	-1	-79086	-	2.05	V
					34	0	-35294	-	-1	-79086	-	2.24	V
					305	0	14585	-	-1	79086	-	5.42	V
229	8	F	2-3	6	0	0	14341	-	-1	79086	-	5.51	V
					216	0	-13737	-	-1	-79086	-	5.76	V
					405	0	5864	-	-1	79086	-	13.49	V
230	13	F	2-8	6	0	0	-7726	-	-1	-79086	-	10.24	V
					138	0	-14251	-	-1	-79086	-	5.55	V
					305	0	7398	-	-1	79086	-	10.69	V
231	17	F	3-4	6	0	0	-9462	-	0	-79161	-	8.37	V
					280	0	-38423	-	0	-79161	-	2.06	V
					375	0	-45795	-	0	-79161	-	1.73	V
232	21	F	3-9	6	0	0	-7078	-	-1	-79086	-	11.17	V
					206	0	-19385	-	-1	-79086	-	4.08	V
					305	0	-16639	-	-1	-79086	-	4.75	V
233	25	F	4-5	6	0	0	47964	-	-1	79086	-	1.65	V
					37	0	38054	-	-1	79086	-	2.08	V
					365	0	613	-	-1	79086	-	129.10	V
234	29	F	4-13	6	0	0	-12440	-	-1	-79086	-	6.36	V
					218	0	-34313	-	-1	-79086	-	2.30	V
					610	0	16778	-	-1	79086	-	4.71	V
235	36	F	5-6	6	0	0	-1623	-	-1	-79086	-	48.74	V
					250	0	-2584	-	-1	-79086	-	30.61	V
					490	0	-1641	-	-1	-79086	-	48.19	V
236	41	F	5-14	6	0	0	-19185	-	-1	-79086	-	4.12	V
					218	0	-39445	-	-1	-79086	-	2.00	V
					610	0	16808	-	-1	79086	-	4.71	V
237	48	F	6-15	6	0	0	-20955	-	-1	-79086	-	3.77	V
					218	0	-45118	-	-1	-79086	-	1.75	V
					610	0	25430	-	-1	79086	-	3.11	V
238	55	F	7-8	6	0	0	9563	-	-1	79086	-	8.27	V
					398	0	-23842	-	-1	-79086	-	3.32	V
					530	0	-24146	-	-1	-79086	-	3.28	V
239	56	F	7-10	6	0	0	22262	-	-1	79086	-	3.55	V
					34	0	18551	-	-1	79086	-	4.26	V
					305	0	13302	-	-1	79086	-	5.95	V
240	57	F	8-9	6	0	0	-7603	-	-1	-79086	-	10.40	V
					129	0	-9464	-	-1	-79086	-	8.36	V
					405	0	3997	-	-1	79086	-	19.79	V
241	62	F	8-11	6	0	0	8737	-	-1	79086	-	9.05	V
					138	0	-8622	-	-1	-79086	-	9.17	V
					305	0	7406	-	-1	79086	-	10.68	V
242	66	F	12-9	6	0	0	5556	-	-1	79086	-	14.24	V
					240	0	-16107	-	-1	-79086	-	4.91	V
					305	0	-15626	-	-1	-79086	-	5.06	V
243	70	F	10-11	6	0	0	16701	-	-1	79086	-	4.74	V
					398	0	-37589	-	-1	-79086	-	2.10	V
					530	0	-40386	-	-1	-79086	-	1.96	V
244	71	F	10-16	6	0	0	16522	-	-1	79086	-	4.79	V
					241	0	12118	-	-1	79086	-	6.53	V
					305	0	17560	-	-1	79086	-	4.50	V
245	72	F	11-12	6	0	0	-18086	-	-1	-79086	-	4.37	V

					43	0	-15562	-	-1	-79086	-	5.08	V
					415	0	8642	-	-1	79086	-	9.15	V
246	77	F	12-13	6	0	0	14262	-	-1	79086	-	5.55	V
					37	0	-10391	-	-1	-79086	-	7.61	V
					365	0	14039	-	-1	79086	-	5.63	V
247	81	F	12-17	6	0	0	10632	-	-1	79086	-	7.44	V
					34	0	-9000	-	-1	-79086	-	8.79	V
					305	0	12547	-	-1	79086	-	6.30	V
248	85	F	13-14	6	0	0	11115	-	-1	79086	-	7.12	V
					258	0	9152	-	-1	79086	-	8.64	V
					365	0	15341	-	-1	79086	-	5.16	V
249	89	F	13-20	6	0	0	19556	-	-1	79086	-	4.04	V
					290	0	-10045	-	-1	-79086	-	7.87	V
					610	0	23335	-	-1	79086	-	3.39	V
250	96	F	14-15	6	0	0	5393	-	-1	79086	-	14.66	V
					250	0	-24481	-	-1	-79086	-	3.23	V
					490	0	-8651	-	-1	-79086	-	9.14	V
251	101	F	14-21	6	0	0	22525	-	-1	79086	-	3.51	V
					290	0	-10320	-	-1	-79086	-	7.66	V
					610	0	26003	-	-1	79086	-	3.04	V
252	108	F	15-22	6	0	0	25939	-	-1	79086	-	3.05	V
					73	0	14250	-	-1	79086	-	5.55	V
					610	0	29588	-	-1	79086	-	2.67	V
253	115	F	16-17	6	0	0	11612	-	-1	79086	-	6.81	V
					323	0	-26836	-	-1	-79086	-	2.95	V
					950	0	-10956	-	-1	-79086	-	7.22	V
254	116	F	16-18	6	0	0	17793	-	-1	79086	-	4.44	V
					34	0	13061	-	-1	79086	-	6.06	V
					305	0	17521	-	-1	79086	-	4.51	V
255	117	F	17-19	6	0	0	13088	-	-1	79086	-	6.04	V
					241	0	6841	-	-1	79086	-	11.56	V
					305	0	12596	-	-1	79086	-	6.28	V
256	121	F	18-19	6	0	0	14082	-	-1	79086	-	5.62	V
					323	0	-30154	-	-1	-79086	-	2.62	V
					950	0	-11352	-	-1	-79086	-	6.97	V
257	122	F	18-23	6	0	0	15281	-	-1	79086	-	5.18	V
					241	0	11780	-	-1	79086	-	6.71	V
					305	0	16521	-	-1	79086	-	4.79	V
258	123	F	19-20	6	0	0	14556	-	-1	79086	-	5.43	V
					36	0	10204	-	-1	79086	-	7.75	V
					360	0	13586	-	-1	79086	-	5.82	V
259	127	F	19-24	6	0	0	12672	-	-1	79086	-	6.24	V
					34	0	6489	-	-1	79086	-	12.19	V
					305	0	9252	-	-1	79086	-	8.55	V
260	131	F	20-21	6	0	0	8424	-	-1	79086	-	9.39	V
					254	0	-14025	-	-1	-79086	-	5.64	V
					365	0	20244	-	-1	79086	-	3.91	V
261	135	F	20-47	6	0	0	23130	-	-1	79086	-	3.42	V
					33	0	14457	-	-1	79086	-	5.47	V
					305	0	-15878	-	-1	-79086	-	4.98	V
262	139	F	21-22	6	0	0	7552	-	-1	79086	-	10.47	V
					296	0	-21088	-	-1	-79086	-	3.75	V
					490	0	-16669	-	-1	-79086	-	4.74	V
263	145	F	21-48	6	0	0	26618	-	-1	79086	-	2.97	V
					33	0	17994	-	-1	79086	-	4.40	V
					305	0	-14462	-	-1	-79086	-	5.47	V
264	149	F	22-31	6	0	0	26262	-	-1	79086	-	3.01	V
					508	0	14367	-	-1	79086	-	5.50	V
					610	0	31796	-	-1	79086	-	2.49	V
265	156	F	23-24	6	0	0	16873	-	-1	79086	-	4.69	V
					323	0	-31845	-	-1	-79086	-	2.48	V
					950	0	-12222	-	-1	-79086	-	6.47	V
266	157	F	23-25	6	0	0	14658	-	-1	79086	-	5.40	V
					241	0	12958	-	-1	79086	-	6.10	V
					305	0	17990	-	-1	79086	-	4.40	V
267	158	F	24-26	6	0	0	9235	-	-1	79086	-	8.56	V
					241	0	6578	-	-1	79086	-	12.02	V
					305	0	12852	-	-1	79086	-	6.15	V
268	162	F	24-47	6	0	0	16240	-	-1	79086	-	4.87	V
					35	0	11282	-	-1	79086	-	7.01	V
					353	0	5118	-	-1	79086	-	15.45	V
269	166	F	25-26	6	0	0	19892	-	-1	79086	-	3.98	V
					430	0	-29239	-	-1	-79086	-	2.70	V
					950	0	-14457	-	-1	-79086	-	5.47	V
270	167	F	25-34	6	0	0	16354	-	-1	79086	-	4.84	V
					249	0	19092	-	-1	79086	-	4.14	V
					315	0	24825	-	-1	79086	-	3.19	V
271	168	F	26-27	6	0	0	16318	-	-1	79086	-	4.85	V
					38	0	10945	-	-1	79086	-	7.23	V
					375	0	16643	-	-1	79086	-	4.75	V
272	172	F	26-35	6	0	0	10810	-	-1	79086	-	7.32	V
					214	0	-10867	-	-1	-79086	-	7.28	V
					315	0	11182	-	-1	79086	-	7.07	V
273	176	F	27-28	6	0	0	13297	-	-1	79086	-	5.95	V
					79	0	14169	-	-1	79086	-	5.58	V
					140	0	14919	-	-1	79086	-	5.30	V
274	178	F	27-36	6	0	0	22868	-	-1	79086	-	3.46	V
					341	0	-14938	-	-1	-79086	-	5.29	V
					420	0	-14546	-	-1	-79086	-	5.44	V
275	183	F	47-27	6	0	0	-16381	-	-1	-79086	-	4.83	V
					228	0	16346	-	-1	79086	-	4.84	V
					305	0	24932	-	-1	79086	-	3.17	V
276	187	F	28-29	6	0	0	10643	-	-1	79086	-	7.43	V
					127	0	10437	-	-1	79086	-	7.58	V
					195	0	11939	-	-1	79086	-	6.62	V

277	189	F	29-30	6	0	0	-3680	-	-1	-79086	-	21.49	V
					113	0	-14174	-	-1	-79086	-	5.58	V
					210	0	-13448	-	-1	-79086	-	5.88	V
278	192	F	29-33	6	0	0	22251	-	-1	79086	-	3.55	V
					23	0	18512	-	-1	79086	-	4.27	V
					210	0	-9874	-	-1	-79086	-	8.01	V
279	195	F	48-29	6	0	0	-14233	-	-1	-79086	-	5.56	V
					228	0	19640	-	-1	79086	-	4.03	V
					305	0	28046	-	-1	79086	-	2.82	V
280	199	F	30-31	6	0	0	-9900	-	-1	-79086	-	7.99	V
					165	0	-24724	-	-1	-79086	-	3.20	V
					295	0	-19893	-	-1	-79086	-	3.98	V
281	202	F	30-43	6	0	0	9691	-	-1	79086	-	8.16	V
					375	0	-24522	-	-1	-79086	-	3.23	V
					630	0	-6762	-	-1	-79086	-	11.70	V
282	209	F	31-44	6	0	0	24993	-	-1	79086	-	3.16	V
					375	0	-36367	-	-1	-79086	-	2.17	V
					630	0	-11495	-	-1	-79086	-	6.88	V
283	216	F	32-33	6	0	0	4503	-	-1	79086	-	17.56	V
					158	0	4187	-	-1	79086	-	18.89	V
					210	0	4572	-	-1	79086	-	17.30	V
284	219	F	32-37	6	0	0	-3857	-	-1	-79086	-	20.50	V
					113	0	-9529	-	-1	-79086	-	8.30	V
					210	0	-8192	-	-1	-79086	-	9.65	V
285	222	F	33-38	6	0	0	-8338	-	-1	-79086	-	9.49	V
					135	0	-16748	-	-1	-79086	-	4.72	V
					210	0	-15634	-	-1	-79086	-	5.06	V
286	225	F	34-35	6	0	0	23189	-	-1	79086	-	3.41	V
					215	0	-30713	-	-1	-79086	-	2.57	V
					950	0	-22078	-	-1	-79086	-	3.58	V
287	226	F	34-39	6	0	0	21567	-	-1	79086	-	3.67	V
					249	0	20268	-	-1	79086	-	3.90	V
					315	0	23896	-	-1	79086	-	3.31	V
288	227	F	35-40	6	0	0	-20279	-	-1	-79086	-	3.90	V
					32	0	-18410	-	-1	-79086	-	4.30	V
					300	0	12879	-	-1	79086	-	6.14	V
289	228	F	36-37	6	0	0	7971	-	-1	79086	-	9.92	V
					101	0	10882	-	-1	79086	-	7.27	V
					150	0	11508	-	-1	79086	-	6.87	V
290	230	F	36-41	6	0	0	-15191	-	-1	-79086	-	5.21	V
					68	0	-16307	-	-1	-79086	-	4.85	V
					210	0	-7713	-	-1	-79086	-	10.25	V
291	233	F	37-38	6	0	0	8826	-	-1	79086	-	8.96	V
					23	0	7923	-	-1	79086	-	9.98	V
					210	0	6818	-	-1	79086	-	11.60	V
292	236	F	38-42	6	0	0	-15334	-	-1	-79086	-	5.16	V
					23	0	-14979	-	-1	-79086	-	5.28	V
					210	0	-7086	-	-1	-79086	-	11.16	V
293	239	F	39-45	6	0	0	23790	-	-1	79086	-	3.32	V
					289	0	-33020	-	-1	-79086	-	2.40	V
					360	0	-38238	-	-1	-79086	-	2.07	V
294	240	F	39-49	6	0	0	35796	-	-1	79086	-	2.21	V
					591	0	-60296	-	-1	-79086	-	1.31	V
					750	0	-73923	-	0	-98203	-	1.33	V
295	241	F	40-41	6	0	0	103075	-	-1	127137	-	1.23	V
					37	0	84359	-	1	107935	-	1.28	V
					360	0	-34081	-	-1	-79086	-	2.32	V
296	242	F	49-40	6	0	0	-98746	-	1	-123994	-	1.26	V
					140	0	86619	-	1	135771	-	1.57	V
					220	0	105413	-	1	135771	-	1.29	V
297	245	F	41-42	6	0	0	9916	-	-1	79086	-	7.98	V
					232	0	21989	-	-1	79086	-	3.60	V
					330	0	28726	-	-1	79086	-	2.75	V
298	249	F	42-43	6	0	0	17978	-	-1	79086	-	4.40	V
					131	0	-21177	-	-1	-79086	-	3.73	V
					210	0	22830	-	-1	79086	-	3.46	V
299	252	F	43-44	6	0	0	-16648	-	-1	-79086	-	4.75	V
					193	0	-26364	-	-1	-79086	-	3.00	V
					295	0	-23419	-	-1	-79086	-	3.38	V
300	255	F	45-46	6	0	0	-21648	-	-1	-79086	-	3.65	V
					282	0	-32197	-	-1	-79086	-	2.46	V
					813	0	-13955	-	-1	-79086	-	5.67	V
301	264	F	46-49	6	0	0	-6025	-	-1	-79086	-	13.13	V
					206	0	-14250	-	-1	-79086	-	5.55	V
					380	0	19049	-	-1	79086	-	4.15	V
302	268	F	47-48	6	0	0	7023	-	-1	79086	-	11.26	V
					160	0	-6664	-	-1	-79086	-	11.87	V
					380	0	6362	-	-1	79086	-	12.43	V

4.3.3.3 Verifiche SLD - Taglio

Tabella 29.I

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie

stessa del calcestruzzo;
Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;
cot(θ) : cotangente dell'angolo θ;
A_{Sag} : area del singolo sagomato;

Tagli Sollecitanti:
V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;
V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
Tagli Resistenti:
V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;
N_{br} : numero di bracci di cui è composta la staffa;
D_{Staffe} : interasse tra le staffe;
L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe};
S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;
: NV_min = Minimi di normativa non rispettati;

Tabella 29.I

									Tagli Sollecitanti		Tagli Resistenti								
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**Cop [cm]**	**Blocco**	**cot(θ)**	**A_{Sag} [cm²]**	**V_{SdXY} [daN]**	**V_{SdXZ} [daN]**	**V_{rdxy} [daN]**	**V_{rdxz} [daN]**	**ϕ [mm]**	**N_{br}**	**D_{Staffe} [cm]**	**L_{tr} [cm]**	**S_{XY}**	**S_{XZ}**	**Esito**
227	1	Fondazione	1-2	6	2.5	Ini	1.00	0.00	4491	27251	-	69269	10	4	20	455	-	2.70	V
228	7	Fondazione	1-7	6	2.5	Ini	1.00	0.00	3839	24182	-	71824	10	4	20	275	-	3.04	V
229	8	Fondazione	2-3	6	2.5	Ini	1.00	0.00	789	14516	-	70830	10	4	20	345	-	5.07	V
230	13	Fondazione	2-8	6	2.5	Ini	1.00	0.00	2606	23950	-	71824	10	4	20	275	-	3.07	V
231	17	Fondazione	3-4	6	2.5	Ini	1.00	0.00	1252	38491	-	72098	10	4	20	320	-	1.91	V
232	21	Fondazione	3-9	6	2.5	Ini	1.00	0.00	1909	16862	-	71824	10	4	20	275	-	4.37	V
233	25	Fondazione	4-5	6	2.5	Ini	1.00	0.00	869	35008	-	71540	10	4	20	295	-	2.10	V
234	29	Fondazione	4-13	6	2.5	Ini	1.00	0.00	3711	30737	-	67495	10	4	20	580	-	2.39	V
235	36	Fondazione	5-6	6	2.5	Ini	1.00	0.00	571	5254	-	70049	10	4	20	400	-	14.01	V
236	41	Fondazione	5-14	6	2.5	Ini	1.00	0.00	2995	26757	-	67495	10	4	20	580	-	2.75	V
237	48	Fondazione	6-15	6	2.5	Ini	1.00	0.00	1582	33188	-	67495	10	4	20	580	-	2.22	V
238	55	Fondazione	7-8	6	2.5	Ini	1.00	0.00	3897	12959	-	69269	10	4	20	455	-	5.68	V
239	56	Fondazione	7-10	6	2.5	Ini	1.00	0.00	4217	14892	-	71824	10	4	20	275	-	4.94	V
240	57	Fondazione	8-9	6	2.5	Ini	1.00	0.00	1791	9994	-	70830	10	4	20	345	-	7.36	V
241	62	Fondazione	8-11	6	2.5	Ini	1.00	0.00	3485	18747	-	71824	10	4	20	275	-	3.93	V
242	66	Fondazione	12-9	6	2.5	Ini	1.00	0.00	2458	12445	-	71827	10	4	20	275	-	5.91	V
243	70	Fondazione	10-11	6	2.5	Ini	1.00	0.00	2853	18963	-	69269	10	4	20	455	-	3.88	V
244	71	Fondazione	10-16	6	2.5	Ini	1.00	0.00	4065	17643	-	71824	10	4	20	275	-	4.17	V
245	72	Fondazione	11-12	6	2.5	Ini	1.00	0.00	1060	12722	-	70901	10	4	20	340	-	5.79	V
246	77	Fondazione	12-13	6	2.5	Ini	1.00	0.00	817	18201	-	71540	10	4	20	295	-	4.04	V
247	81	Fondazione	12-17	6	2.5	Ini	1.00	0.00	2210	20313	-	71824	10	4	20	275	-	3.62	V
248	85	Fondazione	13-14	6	2.5	Ini	1.00	0.00	643	16892	-	71540	10	4	20	295	-	4.36	V
249	89	Fondazione	13-20	6	2.5	Ini	1.00	0.00	772	21702	-	67495	10	4	20	580	-	3.39	V
250	96	Fondazione	14-15	6	2.5	Ini	1.00	0.00	516	22332	-	70049	10	4	20	400	-	3.30	V
251	101	Fondazione	14-21	6	2.5	Ini	1.00	0.00	847	23430	-	67495	10	4	20	580	-	3.14	V
252	108	Fondazione	15-22	6	2.5	Ini	1.00	0.00	1195	26042	-	67495	10	4	20	580	-	2.83	V
253	115	Fondazione	16-17	6	2.5	Ini	1.00	0.00	1999	15969	-	63520	10	4	20	860	-	4.61	V
254	116	Fondazione	16-18	6	2.5	Ini	1.00	0.00	3585	15223	-	71824	10	4	20	275	-	4.84	V
255	117	Fondazione	17-19	6	2.5	Ini	1.00	0.00	5174	19152	-	71824	10	4	20	275	-	3.84	V
256	121	Fondazione	18-19	6	2.5	Ini	1.00	0.00	1847	17092	-	63520	10	4	20	860	-	4.31	V
257	122	Fondazione	18-23	6	2.5	Ini	1.00	0.00	3159	15447	-	71824	10	4	20	275	-	4.76	V
258	123	Fondazione	19-20	6	2.5	Ini	1.00	0.00	951	18989	-	71682	10	4	20	285	-	3.88	V
259	127	Fondazione	19-24	6	2.5	Ini	1.00	0.00	1974	18126	-	71824	10	4	20	275	-	4.06	V
260	131	Fondazione	20-21	6	2.5	Ini	1.00	0.00	536	23296	-	71611	10	4	20	290	-	3.16	V
261	135	Fondazione	20-47	6	2.5	Ini	1.00	0.00	504	24119	-	72035	10	4	20	260	-	3.05	V
262	139	Fondazione	21-22	6	2.5	Ini	1.00	0.00	495	23812	-	70120	10	4	20	395	-	3.09	V
263	145	Fondazione	21-48	6	2.5	Ini	1.00	0.00	2644	25474	-	72035	10	4	20	260	-	2.89	V
264	149	Fondazione	22-31	6	2.5	Ini	1.00	0.00	1303	27874	-	67495	10	4	20	580	-	2.64	V
265	156	Fondazione	23-24	6	2.5	Ini	1.00	0.00	1833	17488	-	63520	10	4	20	860	-	4.21	V
266	157	Fondazione	23-25	6	2.5	Ini	1.00	0.00	3900	16614	-	71824	10	4	20	275	-	4.43	V
267	158	Fondazione	24-26	6	2.5	Ini	1.00	0.00	2345	18443	-	71824	10	4	20	275	-	3.99	V
268	162	Fondazione	24-47	6	2.5	Ini	1.00	0.00	971	12950	-	71788	10	4	20	278	-	5.68	V
269	166	Fondazione	25-26	6	2.5	Ini	1.00	0.00	2525	17246	-	63520	10	4	20	860	-	4.27	V
270	167	Fondazione	25-34	6	2.5	Ini	1.00	0.00	4610	17427	-	71682	10	4	20	285	-	4.22	V
271	168	Fondazione	26-27	6	2.5	Ini	1.00	0.00	967	21663	-	71469	10	4	20	300	-	3.40	V
272	172	Fondazione	26-35	6	2.5	Ini	1.00	0.00	7347	18954	-	71682	10	4	20	285	-	3.88	V
273	176	Fondazione	27-28	6	2.5	Ini	1.00	0.00	741	8608	-	74450	10	4	20	90	-	8.55	V
274	178	Fondazione	27-36	6	2.5	Ini	1.00	0.00	1986	20335	-	70191	10	4	20	390	-	3.62	V
275	183	Fondazione	47-27	6	2.5	Ini	1.00	0.00	1000	25963	-	72037	10	4	20	260	-	2.83	V
276	187	Fondazione	28-29	6	2.5	Ini	1.00	0.00	588	13363	-	73669	10	4	20	145	-	5.51	V
277	189	Fondazione	29-30	6	2.5	Ini	1.00	0.00	2301	14592	-	73598	10	4	20	150	-	5.04	V
278	192	Fondazione	29-33	6	2.5	Ini	1.00	0.00	2093	18249	-	73172	10	4	20	180	-	4.03	V
279	195	Fondazione	48-29	6	2.5	Ini	1.00	0.00	2454	23264	-	72037	10	4	20	260	-	3.16	V

280	199	Fondazione	30-31	6	2.5	Ini	1.00	0.00	1201	21693	-	72604	10	4	20	220	-	3.39	V
281	202	Fondazione	30-43	6	2.5	Ini	1.00	0.00	872	19794	-	67211	10	4	20	600	-	3.72	V
282	209	Fondazione	31-44	6	2.5	Ini	1.00	0.00	1189	32476	-	67211	10	4	20	600	-	2.27	V
283	216	Fondazione	32-33	6	2.5	Ini	1.00	0.00	1664	3759	-	73172	10	4	20	180	-	19.58	V
284	219	Fondazione	32-37	6	2.5	Ini	1.00	0.00	1926	12605	-	73172	10	4	20	180	-	5.84	V
285	222	Fondazione	33-38	6	2.5	Ini	1.00	0.00	2741	12394	-	73172	10	4	20	180	-	5.94	V
286	225	Fondazione	34-35	6	2.5	Ini	1.00	0.00	4190	16679	-	63520	10	4	20	860	-	4.41	V
287	226	Fondazione	34-39	6	2.5	Ini	1.00	0.00	5766	12742	-	71682	10	4	20	285	-	5.78	V
288	227	Fondazione	35-40	6	2.5	Ini	1.00	0.00	1474	10690	-	72108	10	4	20	255	-	6.89	V
289	228	Fondazione	36-37	6	2.5	Ini	1.00	0.00	1543	6854	-	74095	10	4	20	115	-	10.74	V
290	230	Fondazione	36-41	6	2.5	Ini	1.00	0.00	4030	20206	-	73172	10	4	20	180	-	3.64	V
291	233	Fondazione	37-38	6	2.5	Ini	1.00	0.00	1466	8366	-	73172	10	4	20	180	-	8.80	V
292	236	Fondazione	38-42	6	2.5	Ini	1.00	0.00	1927	14983	-	73172	10	4	20	180	-	4.91	V
293	239	Fondazione	39-45	6	2.5	Ini	1.00	0.00	4194	26576	-	71043	10	4	20	330	-	2.77	V
294	240	Fondazione	39-49	6	2.5	Ini	1.00	0.00	5433	20278	-	66146	10	4	20	675	-	3.63	V
295	241	Fondazione	40-41	6	2.5	Ini	1.00	0.00	4183	46326	-	79932	10	4	20	295	-	1.59	V
296	242	Fondazione	49-40	6	2.5	Ini	1.00	0.00	5313	83481	-	165960	10	4	8	160	-	2.20	V
297	245	Fondazione	41-42	6	2.5	Ini	1.00	0.00	1458	20876	-	71966	10	4	20	265	-	3.53	V
298	249	Fondazione	42-43	6	2.5	Ini	1.00	0.00	966	9763	-	73598	10	4	20	150	-	7.54	V
299	252	Fondazione	43-44	6	2.5	Ini	1.00	0.00	683	15724	-	72604	10	4	20	220	-	4.68	V
300	255	Fondazione	45-46	6	2.5	Ini	1.00	0.00	5068	23750	-	65039	10	4	20	753	-	3.10	V
301	264	Fondazione	46-49	6	2.5	Ini	1.00	0.00	15848	16561	-	71050	10	4	20	329	-	4.44	V
302	268	Fondazione	47-48	6	2.5	Ini	1.00	0.00	391	4451	-	71185	10	4	20	320	-	16.54	V

4.3.3.4 Verifiche SLE - Stato Tensionale.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Comb : tipo di combinazione a cui la verifica è riferita;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Azioni Sollecitanti:
N_{sd} : Sforzo Normale Sollecitante;
M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Tensioni:
σ_c : tensioni d'esercizio del calcestruzzo;
σ_s : tensioni d'esercizio dell'acciaio;
Tensioni Limite:
$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
$\sigma_{s,lim}$: Tensioni limite dell'acciaio;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 30.I

								Azioni Sollecitanti			Tensioni		Tensioni Limite			
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**Cop [cm]**	**Comb**	**X [cm]**	**N_{sd} [daN]**	**M_{sdxz} [daNm]**	**M_{sdxy} [daNm]**	**σ_c [daN/cm²]**	**σ_s [daN/cm²]**	**$\sigma_{c,lim}$ [daN/cm²]**	**$\sigma_{s,lim}$ [daN/cm²]**	**S**	**Esito**
227	1	Fondazione	1-2	6	2.5	Caratt.	0	0	-5627	-	5.64	-322.45	168.00	3600.00	11.16	V
							171	0	-16559	-	16.60	-948.93	168.00	3600.00	3.79	V
							530	0	3701	-	3.71	-212.08	168.00	3600.00	16.97	V
						Q.Perm	0	0	-4635	-	4.65	-265.63	126.00	3600.00	13.55	V
							171	0	-15390	-	15.43	-881.97	126.00	3600.00	4.08	V
							530	0	3109	-	3.12	-178.19	126.00	3600.00	20.20	V
228	7	Fondazione	1-7	6	2.5	Caratt.	0	0	-29707	-	29.78	-1702.44	168.00	3600.00	2.11	V
							34	0	-26442	-	26.51	-1515.31	168.00	3600.00	2.38	V
							305	0	8253	-	8.27	-472.93	168.00	3600.00	7.61	V
						Q.Perm	0	0	-27676	-	27.74	-1586.05	126.00	3600.00	2.27	V
							34	0	-24607	-	24.67	-1410.18	126.00	3600.00	2.55	V
							305	0	6879	-	6.90	-394.19	126.00	3600.00	9.13	V
229	8	Fondazione	2-3	6	2.5	Caratt.	0	0	5148	-	5.16	-295.02	168.00	3600.00	12.20	V
							216	0	-5289	-	5.30	-303.12	168.00	3600.00	11.88	V
							405	0	1165	-	1.17	-66.78	168.00	3600.00	53.91	V
						Q.Perm	0	0	4403	-	4.41	-252.34	126.00	3600.00	14.27	V
							216	0	-4959	-	4.97	-284.21	126.00	3600.00	12.67	V
							405	0	916	-	0.92	-52.50	126.00	3600.00	68.57	V
230	13	Fondazione	2-8	6	2.5	Caratt.	0	0	-2650	-	2.66	-151.85	168.00	3600.00	23.71	V
							138	0	-10359	-	10.38	-593.65	168.00	3600.00	6.06	V

							305	0	3371	-	3.38	-193.16	168.00	3600.00	18.64	V
						Q.Perm	0	0	-2463	-	2.47	-141.15	126.00	3600.00	25.50	V
							138	0	-9754	-	9.78	-558.96	126.00	3600.00	6.44	V
							305	0	2373	-	2.38	-136.00	126.00	3600.00	26.47	V
231	17	Fondazione	3-4	6	2.5	Caratt.	0	0	457	-	0.44	-23.38	168.00	3600.00	153.99	V
							280	0	-3507	-	3.45	-200.68	168.00	3600.00	17.94	V
							375	0	3129	-	3.00	-159.95	168.00	3600.00	22.51	V
						Q.Perm	0	0	-128	-	0.13	-7.34	126.00	3600.00	490.31	V
							280	0	-1346	-	1.33	-77.00	126.00	3600.00	46.75	V
							375	0	2534	-	2.43	-129.55	126.00	3600.00	27.79	V
232	21	Fondazione	3-9	6	2.5	Caratt.	0	0	-2143	-	2.15	-122.84	168.00	3600.00	29.31	V
							206	0	-10142	-	10.17	-581.20	168.00	3600.00	6.19	V
							305	0	-4517	-	4.53	-258.88	168.00	3600.00	13.91	V
						Q.Perm	0	0	-1958	-	1.96	-112.20	126.00	3600.00	32.09	V
							206	0	-9608	-	9.63	-550.63	126.00	3600.00	6.54	V
							305	0	-4132	-	4.14	-236.78	126.00	3600.00	15.20	V
233	25	Fondazione	4-5	6	2.5	Caratt.	0	0	3019	-	3.03	-173.03	168.00	3600.00	20.81	V
							37	0	4327	-	4.34	-247.98	168.00	3600.00	14.52	V
							365	0	613	-	0.61	-35.11	168.00	3600.00	102.54	V
						Q.Perm	0	0	2701	-	2.71	-154.77	126.00	3600.00	23.26	V
							37	0	3971	-	3.98	-227.56	126.00	3600.00	15.82	V
							365	0	109	-	0.11	-6.27	126.00	3600.00	573.85	V
234	29	Fondazione	4-13	6	2.5	Caratt.	0	0	-1815	-	1.82	-104.03	168.00	3600.00	34.60	V
							218	0	-20383	-	20.43	-1168.11	168.00	3600.00	3.08	V
							610	0	14120	-	14.15	-809.21	168.00	3600.00	4.45	V
						Q.Perm	0	0	-1512	-	1.52	-86.67	126.00	3600.00	41.54	V
							218	0	-19178	-	19.22	-1099.06	126.00	3600.00	3.28	V
							610	0	12625	-	12.66	-723.50	126.00	3600.00	4.98	V
235	36	Fondazione	5-6	6	2.5	Caratt.	0	0	-1165	-	1.17	-66.77	168.00	3600.00	53.92	V
							250	0	-672	-	0.67	-38.50	168.00	3600.00	93.51	V
							490	0	-1397	-	1.40	-80.08	168.00	3600.00	44.95	V
						Q.Perm	0	0	-772	-	0.77	-44.26	126.00	3600.00	81.33	V
							250	0	-543	-	0.54	-31.12	126.00	3600.00	115.68	V
							490	0	-1156	-	1.16	-66.23	126.00	3600.00	54.35	V
236	41	Fondazione	5-14	6	2.5	Caratt.	0	0	-1765	-	1.77	-101.13	168.00	3600.00	35.60	V
							218	0	-23999	-	24.06	-1375.33	168.00	3600.00	2.62	V
							610	0	15921	-	15.96	-912.42	168.00	3600.00	3.95	V
						Q.Perm	0	0	-1353	-	1.36	-77.55	126.00	3600.00	46.42	V
							218	0	-22433	-	22.49	-1285.60	126.00	3600.00	2.80	V
							610	0	14385	-	14.42	-824.35	126.00	3600.00	4.37	V
237	48	Fondazione	6-15	6	2.5	Caratt.	0	0	-3783	-	3.79	-216.78	168.00	3600.00	16.61	V
							218	0	-21923	-	21.98	-1256.36	168.00	3600.00	2.87	V
							610	0	15400	-	15.44	-882.56	168.00	3600.00	4.08	V
						Q.Perm	0	0	-3443	-	3.45	-197.28	126.00	3600.00	18.25	V
							218	0	-20177	-	20.23	-1156.27	126.00	3600.00	3.11	V
							610	0	14153	-	14.19	-811.09	126.00	3600.00	4.44	V
238	55	Fondazione	7-8	6	2.5	Caratt.	0	0	2952	-	2.96	-169.17	168.00	3600.00	21.28	V
							398	0	-19318	-	19.37	-1107.09	168.00	3600.00	3.25	V
							530	0	-19878	-	19.93	-1139.16	168.00	3600.00	3.16	V
						Q.Perm	0	0	2081	-	2.09	-119.27	126.00	3600.00	30.18	V
							398	0	-17930	-	17.97	-1027.50	126.00	3600.00	3.50	V
							530	0	-18575	-	18.62	-1064.49	126.00	3600.00	3.38	V
239	56	Fondazione	7-10	6	2.5	Caratt.	0	0	4658	-	4.67	-266.95	168.00	3600.00	13.49	V
							34	0	3146	-	3.15	-180.29	168.00	3600.00	19.97	V
							305	0	8398	-	8.42	-481.26	168.00	3600.00	7.48	V
						Q.Perm	0	0	3728	-	3.74	-213.62	126.00	3600.00	16.85	V
							34	0	2273	-	2.28	-130.28	126.00	3600.00	27.63	V
							305	0	7071	-	7.09	-405.20	126.00	3600.00	8.88	V
240	57	Fondazione	8-9	6	2.5	Caratt.	0	0	-2707	-	2.71	-155.16	168.00	3600.00	23.20	V
							129	0	-6022	-	6.04	-345.10	168.00	3600.00	10.43	V
							405	0	1790	-	1.79	-102.61	168.00	3600.00	35.08	V
						Q.Perm	0	0	-2542	-	2.55	-145.66	126.00	3600.00	24.71	V
							129	0	-5610	-	5.62	-321.49	126.00	3600.00	11.20	V
							405	0	1619	-	1.62	-92.79	126.00	3600.00	38.80	V
241	62	Fondazione	8-11	6	2.5	Caratt.	0	0	6092	-	6.11	-349.12	168.00	3600.00	10.31	V
							138	0	-5411	-	5.42	-310.09	168.00	3600.00	11.61	V
							305	0	6448	-	6.46	-369.50	168.00	3600.00	9.74	V
						Q.Perm	0	0	4986	-	5.00	-285.76	126.00	3600.00	12.60	V
							138	0	-5143	-	5.16	-294.74	126.00	3600.00	12.21	V
							305	0	5763	-	5.78	-330.25	126.00	3600.00	10.90	V
242	66	Fondazione	12-9	6	2.5	Caratt.	0	0	1362	-	1.36	-78.03	168.00	3600.00	46.13	V
							240	0	-5805	-	5.82	-332.68	168.00	3600.00	10.82	V
							305	0	-3504	-	3.51	-200.83	168.00	3600.00	17.93	V
						Q.Perm	0	0	885	-	0.89	-50.73	126.00	3600.00	70.97	V
							240	0	-5556	-	5.57	-318.40	126.00	3600.00	11.31	V
							305	0	-3288	-	3.30	-188.44	126.00	3600.00	19.10	V
243	70	Fondazione	10-11	6	2.5	Caratt.	0	0	9022	-	9.04	-517.04	168.00	3600.00	6.96	V
							398	0	-33235	-	33.32	-1904.64	168.00	3600.00	1.89	V
							530	0	-36385	-	36.47	-2085.12	168.00	3600.00	1.73	V
						Q.Perm	0	0	7852	-	7.87	-449.97	126.00	3600.00	8.00	V
							398	0	-30900	-	30.97	-1770.78	126.00	3600.00	2.03	V
							530	0	-33958	-	34.04	-1946.03	126.00	3600.00	1.85	V
244	71	Fondazione	10-16	6	2.5	Caratt.	0	0	4628	-	4.64	-265.21	168.00	3600.00	13.57	V
							241	0	7608	-	7.63	-436.00	168.00	3600.00	8.26	V
							305	0	11226	-	11.25	-643.36	168.00	3600.00	5.60	V
						Q.Perm	0	0	3628	-	3.64	-207.93	126.00	3600.00	17.31	V
							241	0	7161	-	7.18	-410.40	126.00	3600.00	8.77	V
							305	0	10571	-	10.60	-605.79	126.00	3600.00	5.94	V
245	72	Fondazione	11-12	6	2.5	Caratt.	0	0	-12348	-	12.38	-707.64	168.00	3600.00	5.09	V
							43	0	-11977	-	12.01	-686.39	168.00	3600.00	5.24	V

							415	0	3912	-	3.92	-224.19	168.00	3600.00	16.06	V
						Q.Perm	0	0	-11641	-	11.67	-667.14	126.00	3600.00	5.40	V
							43	0	-11227	-	11.25	-643.41	126.00	3600.00	5.60	V
							415	0	3693	-	3.70	-211.63	126.00	3600.00	17.01	V
246	77	Fondazione	12-13	6	2.5	Caratt.	0	0	2154	-	2.16	-123.45	168.00	3600.00	29.16	V
							37	0	-1001	-	1.00	-57.35	168.00	3600.00	62.77	V
							365	0	6984	-	7.00	-400.23	168.00	3600.00	8.99	V
						Q.Perm	0	0	1481	-	1.48	-84.86	126.00	3600.00	42.42	V
							37	0	-803	-	0.80	-46.00	126.00	3600.00	78.25	V
							365	0	6314	-	6.33	-361.82	126.00	3600.00	9.95	V
247	81	Fondazione	12-17	6	2.5	Caratt.	0	0	1030	-	1.03	-59.05	168.00	3600.00	60.97	V
							34	0	-1159	-	1.16	-66.40	168.00	3600.00	54.21	V
							305	0	7030	-	7.05	-402.86	168.00	3600.00	8.94	V
						Q.Perm	0	0	641	-	0.64	-36.75	126.00	3600.00	97.97	V
							34	0	-1151	-	1.15	-65.94	126.00	3600.00	54.60	V
							305	0	6476	-	6.49	-371.12	126.00	3600.00	9.70	V
248	85	Fondazione	13-14	6	2.5	Caratt.	0	0	6024	-	6.04	-345.19	168.00	3600.00	10.43	V
							258	0	1564	-	1.57	-89.65	168.00	3600.00	40.15	V
							365	0	6611	-	6.63	-378.88	168.00	3600.00	9.50	V
						Q.Perm	0	0	5443	-	5.46	-311.94	126.00	3600.00	11.54	V
							258	0	1304	-	1.31	-74.73	126.00	3600.00	48.17	V
							365	0	5943	-	5.96	-340.59	126.00	3600.00	10.57	V
249	89	Fondazione	13-20	6	2.5	Caratt.	0	0	14560	-	14.60	-834.40	168.00	3600.00	4.31	V
							290	0	-8093	-	8.11	-463.80	168.00	3600.00	7.76	V
							610	0	17069	-	17.11	-978.20	168.00	3600.00	3.68	V
						Q.Perm	0	0	13148	-	13.18	-753.50	126.00	3600.00	4.78	V
							290	0	-7469	-	7.49	-428.03	126.00	3600.00	8.41	V
							610	0	15768	-	15.81	-903.64	126.00	3600.00	3.98	V
250	96	Fondazione	14-15	6	2.5	Caratt.	0	0	2786	-	2.79	-159.65	168.00	3600.00	22.55	V
							250	0	-17109	-	17.15	-980.45	168.00	3600.00	3.67	V
							490	0	-1543	-	1.55	-88.41	168.00	3600.00	40.72	V
						Q.Perm	0	0	2192	-	2.20	-125.61	126.00	3600.00	28.66	V
							250	0	-15871	-	15.91	-909.55	126.00	3600.00	3.96	V
							490	0	-773	-	0.77	-44.30	126.00	3600.00	81.26	V
251	101	Fondazione	14-21	6	2.5	Caratt.	0	0	16305	-	16.34	-934.38	168.00	3600.00	3.85	V
							290	0	-10320	-	10.35	-591.43	168.00	3600.00	6.09	V
							610	0	21525	-	21.58	-1233.55	168.00	3600.00	2.92	V
						Q.Perm	0	0	14861	-	14.90	-851.67	126.00	3600.00	4.23	V
							290	0	-9578	-	9.60	-548.87	126.00	3600.00	6.56	V
							610	0	19919	-	19.97	-1141.51	126.00	3600.00	3.15	V
252	108	Fondazione	15-22	6	2.5	Caratt.	0	0	15836	-	15.87	-907.53	168.00	3600.00	3.97	V
							73	0	4815	-	4.83	-275.94	168.00	3600.00	13.05	V
							610	0	15515	-	15.55	-889.15	168.00	3600.00	4.05	V
						Q.Perm	0	0	14526	-	14.56	-832.42	126.00	3600.00	4.32	V
							73	0	4329	-	4.34	-248.07	126.00	3600.00	14.51	V
							610	0	14100	-	14.13	-808.06	126.00	3600.00	4.46	V
253	115	Fondazione	16-17	6	2.5	Caratt.	0	0	1927	-	1.93	-110.42	168.00	3600.00	32.60	V
							323	0	-22056	-	22.11	-1263.95	168.00	3600.00	2.85	V
							950	0	-5549	-	5.56	-318.02	168.00	3600.00	11.32	V
						Q.Perm	0	0	1083	-	1.09	-62.04	126.00	3600.00	58.02	V
							323	0	-20115	-	20.16	-1152.76	126.00	3600.00	3.12	V
							950	0	-5121	-	5.13	-293.46	126.00	3600.00	12.27	V
254	116	Fondazione	16-18	6	2.5	Caratt.	0	0	9718	-	9.74	-556.94	168.00	3600.00	6.46	V
							34	0	6648	-	6.66	-380.97	168.00	3600.00	9.45	V
							305	0	9844	-	9.87	-564.15	168.00	3600.00	6.38	V
						Q.Perm	0	0	9063	-	9.09	-519.40	126.00	3600.00	6.93	V
							34	0	6249	-	6.26	-358.09	126.00	3600.00	10.05	V
							305	0	9246	-	9.27	-529.85	126.00	3600.00	6.79	V
255	117	Fondazione	17-19	6	2.5	Caratt.	0	0	7512	-	7.53	-430.47	168.00	3600.00	8.36	V
							241	0	2794	-	2.80	-160.11	168.00	3600.00	22.48	V
							305	0	7347	-	7.36	-421.04	168.00	3600.00	8.55	V
						Q.Perm	0	0	6980	-	7.00	-400.01	126.00	3600.00	9.00	V
							241	0	2630	-	2.64	-150.70	126.00	3600.00	23.89	V
							305	0	6842	-	6.86	-392.10	126.00	3600.00	9.18	V
256	121	Fondazione	18-19	6	2.5	Caratt.	0	0	2250	-	2.26	-128.96	168.00	3600.00	27.91	V
							323	0	-24070	-	24.13	-1379.38	168.00	3600.00	2.61	V
							950	0	-5947	-	5.96	-340.79	168.00	3600.00	10.56	V
						Q.Perm	0	0	1334	-	1.34	-76.45	126.00	3600.00	47.09	V
							323	0	-22037	-	22.09	-1262.88	126.00	3600.00	2.85	V
							950	0	-5561	-	5.57	-318.71	126.00	3600.00	11.30	V
257	122	Fondazione	18-23	6	2.5	Caratt.	0	0	8997	-	9.02	-515.61	168.00	3600.00	6.98	V
							241	0	5098	-	5.11	-292.16	168.00	3600.00	12.32	V
							305	0	8335	-	8.35	-477.63	168.00	3600.00	7.54	V
						Q.Perm	0	0	8371	-	8.39	-479.72	126.00	3600.00	7.50	V
							241	0	4741	-	4.75	-271.71	126.00	3600.00	13.25	V
							305	0	7701	-	7.72	-441.34	126.00	3600.00	8.16	V
258	123	Fondazione	19-20	6	2.5	Caratt.	0	0	4223	-	4.23	-242.02	168.00	3600.00	14.87	V
							36	0	2090	-	2.10	-119.79	168.00	3600.00	30.05	V
							360	0	6022	-	6.04	-345.13	168.00	3600.00	10.43	V
						Q.Perm	0	0	3446	-	3.45	-197.50	126.00	3600.00	18.23	V
							36	0	1522	-	1.53	-87.23	126.00	3600.00	41.27	V
							360	0	5453	-	5.47	-312.50	126.00	3600.00	11.52	V
259	127	Fondazione	19-24	6	2.5	Caratt.	0	0	7714	-	7.73	-442.06	168.00	3600.00	8.14	V
							34	0	2814	-	2.82	-161.26	168.00	3600.00	22.32	V
							305	0	4319	-	4.33	-247.52	168.00	3600.00	14.54	V
						Q.Perm	0	0	7214	-	7.23	-413.44	126.00	3600.00	8.71	V
							34	0	2664	-	2.67	-152.69	126.00	3600.00	23.58	V
							305	0	4049	-	4.06	-232.04	126.00	3600.00	15.51	V
260	131	Fondazione	20-21	6	2.5	Caratt.	0	0	4885	-	4.90	-279.96	168.00	3600.00	12.86	V
							254	0	-1801	-	1.81	-103.21	168.00	3600.00	34.88	V
							365	0	3894	-	3.90	-223.16	168.00	3600.00	16.13	V
						Q.Perm	0	0	4421	-	4.43	-253.38	126.00	3600.00	14.21	V
							254	0	-1078	-	1.08	-61.76	126.00	3600.00	58.29	V
							365	0	3296	-	3.30	-188.87	126.00	3600.00	19.06	V
261	135	Fondazione	20-47	6	2.5	Caratt.	0	0	16894	-	16.94	-968.17	168.00	3600.00	3.72	V

							33	0	10065	-	10.09	-576.80	168.00	3600.00	6.24	V
							305	0	-12020	-	12.05	-688.85	168.00	3600.00	5.23	V
						Q.Perm	0	0	15590	-	15.63	-893.42	126.00	3600.00	4.03	V
							33	0	9304	-	9.33	-533.22	126.00	3600.00	6.75	V
							305	0	-11035	-	11.06	-632.37	126.00	3600.00	5.69	V
262	139	Fondazione	21-22	6	2.5	Caratt.	0	0	3166	-	3.17	-181.43	168.00	3600.00	19.84	V
							296	0	-12543	-	12.57	-718.79	168.00	3600.00	5.01	V
							490	0	-3815	-	3.82	-218.64	168.00	3600.00	16.47	V
						Q.Perm	0	0	2579	-	2.59	-147.81	126.00	3600.00	24.36	V
							296	0	-11494	-	11.52	-658.71	126.00	3600.00	5.47	V
							490	0	-2750	-	2.76	-157.62	126.00	3600.00	22.84	V
263	145	Fondazione	21-48	6	2.5	Caratt.	0	0	21128	-	21.18	-1210.79	168.00	3600.00	2.97	V
							33	0	13151	-	13.18	-753.64	168.00	3600.00	4.78	V
							305	0	-14462	-	14.50	-828.78	168.00	3600.00	4.34	V
						Q.Perm	0	0	19536	-	19.58	-1119.58	126.00	3600.00	3.22	V
							33	0	12194	-	12.22	-698.83	126.00	3600.00	5.15	V
							305	0	-13168	-	13.20	-754.62	126.00	3600.00	4.77	V
264	149	Fondazione	22-31	6	2.5	Caratt.	0	0	15350	-	15.39	-879.70	168.00	3600.00	4.09	V
							508	0	5133	-	5.15	-294.15	168.00	3600.00	12.24	V
							610	0	15900	-	15.94	-911.18	168.00	3600.00	3.95	V
						Q.Perm	0	0	14018	-	14.05	-803.36	126.00	3600.00	4.48	V
							508	0	4610	-	4.62	-264.21	126.00	3600.00	13.63	V
							610	0	14414	-	14.45	-826.03	126.00	3600.00	4.36	V
265	156	Fondazione	23-24	6	2.5	Caratt.	0	0	2592	-	2.60	-148.57	168.00	3600.00	24.23	V
							323	0	-24445	-	24.50	-1400.90	168.00	3600.00	2.57	V
							950	0	-6184	-	6.20	-354.41	168.00	3600.00	10.16	V
						Q.Perm	0	0	1553	-	1.56	-88.97	126.00	3600.00	40.46	V
							323	0	-22431	-	22.49	-1285.47	126.00	3600.00	2.80	V
							950	0	-5663	-	5.68	-324.55	126.00	3600.00	11.09	V
266	157	Fondazione	23-25	6	2.5	Caratt.	0	0	8358	-	8.38	-478.98	168.00	3600.00	7.52	V
							241	0	6403	-	6.42	-366.97	168.00	3600.00	9.81	V
							305	0	9880	-	9.90	-566.18	168.00	3600.00	6.36	V
						Q.Perm	0	0	7715	-	7.73	-442.13	126.00	3600.00	8.14	V
							241	0	5895	-	5.91	-337.83	126.00	3600.00	10.66	V
							305	0	9089	-	9.11	-520.84	126.00	3600.00	6.91	V
267	158	Fondazione	24-26	6	2.5	Caratt.	0	0	4529	-	4.54	-259.57	168.00	3600.00	13.87	V
							241	0	1450	-	1.45	-83.11	168.00	3600.00	43.32	V
							305	0	6213	-	6.23	-356.06	168.00	3600.00	10.11	V
						Q.Perm	0	0	4218	-	4.23	-241.73	126.00	3600.00	14.89	V
							241	0	1293	-	1.30	-74.13	126.00	3600.00	48.57	V
							305	0	5702	-	5.72	-326.78	126.00	3600.00	11.02	V
268	162	Fondazione	24-47	6	2.5	Caratt.	0	0	6430	-	6.45	-368.48	168.00	3600.00	9.77	V
							35	0	3942	-	3.95	-225.92	168.00	3600.00	15.94	V
							353	0	252	-	0.25	-14.42	168.00	3600.00	249.58	V
						Q.Perm	0	0	5605	-	5.62	-321.19	126.00	3600.00	11.21	V
							35	0	3415	-	3.42	-195.72	126.00	3600.00	18.39	V
							353	0	150	-	0.15	-8.62	126.00	3600.00	417.62	V
269	166	Fondazione	25-26	6	2.5	Caratt.	0	0	3354	-	3.36	-192.23	168.00	3600.00	18.73	V
							430	0	-23868	-	23.93	-1367.84	168.00	3600.00	2.63	V
							950	0	-7383	-	7.40	-423.08	168.00	3600.00	8.51	V
						Q.Perm	0	0	2189	-	2.19	-125.47	126.00	3600.00	28.69	V
							430	0	-21955	-	22.01	-1258.16	126.00	3600.00	2.86	V
							950	0	-6841	-	6.86	-392.06	126.00	3600.00	9.18	V
270	167	Fondazione	25-34	6	2.5	Caratt.	0	0	10882	-	10.91	-623.60	168.00	3600.00	5.77	V
							249	0	8570	-	8.59	-491.11	168.00	3600.00	7.33	V
							315	0	11965	-	11.99	-685.70	168.00	3600.00	5.25	V
						Q.Perm	0	0	10099	-	10.12	-578.76	126.00	3600.00	6.22	V
							249	0	8179	-	8.20	-468.70	126.00	3600.00	7.68	V
							315	0	11339	-	11.37	-649.83	126.00	3600.00	5.54	V
271	168	Fondazione	26-27	6	2.5	Caratt.	0	0	3089	-	3.10	-177.00	168.00	3600.00	20.34	V
							38	0	729	-	0.73	-41.80	168.00	3600.00	86.13	V
							375	0	4467	-	4.48	-256.00	168.00	3600.00	14.06	V
						Q.Perm	0	0	2194	-	2.20	-125.74	126.00	3600.00	28.63	V
							38	0	87	-	0.09	-5.00	126.00	3600.00	719.82	V
							375	0	4048	-	4.06	-231.99	126.00	3600.00	15.52	V
272	172	Fondazione	26-35	6	2.5	Caratt.	0	0	6053	-	6.07	-346.88	168.00	3600.00	10.38	V
							214	0	-5399	-	5.41	-309.38	168.00	3600.00	11.64	V
							315	0	1826	-	1.83	-104.66	168.00	3600.00	34.40	V
						Q.Perm	0	0	5482	-	5.50	-314.17	126.00	3600.00	11.46	V
							214	0	-5074	-	5.09	-290.78	126.00	3600.00	12.38	V
							315	0	1393	-	1.40	-79.82	126.00	3600.00	45.10	V
273	176	Fondazione	27-28	6	2.5	Caratt.	0	0	6521	-	6.54	-373.70	168.00	3600.00	9.63	V
							79	0	7080	-	7.10	-405.74	168.00	3600.00	8.87	V
							140	0	7739	-	7.76	-443.48	168.00	3600.00	8.12	V
						Q.Perm	0	0	5949	-	5.96	-340.95	126.00	3600.00	10.56	V
							79	0	6422	-	6.44	-368.03	126.00	3600.00	9.78	V
							140	0	7022	-	7.04	-402.41	126.00	3600.00	8.95	V
274	178	Fondazione	27-36	6	2.5	Caratt.	0	0	15400	-	15.44	-882.53	168.00	3600.00	4.08	V
							341	0	-6983	-	7.00	-400.19	168.00	3600.00	9.00	V
							420	0	-3658	-	3.67	-209.64	168.00	3600.00	17.17	V
						Q.Perm	0	0	13958	-	13.99	-799.88	126.00	3600.00	4.50	V
							341	0	-6315	-	6.33	-361.92	126.00	3600.00	9.95	V
							420	0	-3075	-	3.08	-176.23	126.00	3600.00	20.43	V
275	183	Fondazione	47-27	6	2.5	Caratt.	0	0	-12296	-	12.33	-704.65	168.00	3600.00	5.11	V
							228	0	8409	-	8.43	-481.89	168.00	3600.00	7.47	V
							305	0	14963	-	15.00	-857.49	168.00	3600.00	4.20	V
						Q.Perm	0	0	-11289	-	11.32	-646.93	126.00	3600.00	5.56	V
							228	0	7627	-	7.65	-437.09	126.00	3600.00	8.24	V
							305	0	13636	-	13.67	-781.47	126.00	3600.00	4.61	V
276	187	Fondazione	28-29	6	2.5	Caratt.	0	0	6803	-	6.82	-389.86	168.00	3600.00	9.23	V
							127	0	2249	-	2.25	-128.89	168.00	3600.00	27.93	V
							195	0	2891	-	2.90	-165.68	168.00	3600.00	21.73	V

						Q.Perm	0	0	6160	-	6.18	-353.03	126.00	3600.00	10.20	V
							127	0	1848	-	1.85	-105.91	126.00	3600.00	33.99	V
							195	0	2403	-	2.41	-137.69	126.00	3600.00	26.15	V
277	189	Fondazione	29-30	6	2.5	Caratt.	0	0	-329	-	0.33	-18.86	168.00	3600.00	190.87	V
							113	0	-5126	-	5.14	-293.73	168.00	3600.00	12.26	V
							210	0	-2290	-	2.30	-131.23	168.00	3600.00	27.43	V
						Q.Perm	0	0	-275	-	0.28	-15.78	126.00	3600.00	228.08	V
							113	0	-4586	-	4.60	-262.79	126.00	3600.00	13.70	V
							210	0	-1669	-	1.67	-95.66	126.00	3600.00	37.63	V
278	192	Fondazione	29-33	6	2.5	Caratt.	0	0	16621	-	16.66	-952.52	168.00	3600.00	3.78	V
							23	0	12840	-	12.87	-735.85	168.00	3600.00	4.89	V
							210	0	-3628	-	3.64	-207.93	168.00	3600.00	17.31	V
						Q.Perm	0	0	14752	-	14.79	-845.42	126.00	3600.00	4.26	V
							23	0	11312	-	11.34	-648.24	126.00	3600.00	5.55	V
							210	0	-3276	-	3.28	-187.72	126.00	3600.00	19.18	V
279	195	Fondazione	48-29	6	2.5	Caratt.	0	0	-14233	-	14.27	-815.67	168.00	3600.00	4.41	V
							228	0	9940	-	9.96	-569.64	168.00	3600.00	6.32	V
							305	0	16610	-	16.65	-951.89	168.00	3600.00	3.78	V
						Q.Perm	0	0	-12941	-	12.97	-741.61	126.00	3600.00	4.85	V
							228	0	8786	-	8.81	-503.52	126.00	3600.00	7.15	V
							305	0	14841	-	14.88	-850.52	126.00	3600.00	4.23	V
280	199	Fondazione	30-31	6	2.5	Caratt.	0	0	-4096	-	4.11	-234.76	168.00	3600.00	15.34	V
							165	0	-10688	-	10.71	-612.52	168.00	3600.00	5.88	V
							295	0	-4677	-	4.69	-268.02	168.00	3600.00	13.43	V
						Q.Perm	0	0	-3693	-	3.70	-211.62	126.00	3600.00	17.01	V
							165	0	-9527	-	9.55	-545.97	126.00	3600.00	6.59	V
							295	0	-3510	-	3.52	-201.14	126.00	3600.00	17.90	V
281	202	Fondazione	30-43	6	2.5	Caratt.	0	0	8366	-	8.39	-479.45	168.00	3600.00	7.51	V
							375	0	-18541	-	18.59	-1062.55	168.00	3600.00	3.39	V
							630	0	-1323	-	1.33	-75.83	168.00	3600.00	47.47	V
						Q.Perm	0	0	7498	-	7.52	-429.69	126.00	3600.00	8.38	V
							375	0	-16876	-	16.92	-967.13	126.00	3600.00	3.72	V
							630	0	-1163	-	1.17	-66.64	126.00	3600.00	54.02	V
282	209	Fondazione	31-44	6	2.5	Caratt.	0	0	15344	-	15.38	-879.31	168.00	3600.00	4.09	V
							375	0	-20850	-	20.90	-1194.85	168.00	3600.00	3.01	V
							630	0	-1538	-	1.54	-88.13	168.00	3600.00	40.85	V
						Q.Perm	0	0	14020	-	14.05	-803.43	126.00	3600.00	4.48	V
							375	0	-18830	-	18.88	-1079.08	126.00	3600.00	3.34	V
							630	0	-1288	-	1.29	-73.79	126.00	3600.00	48.79	V
283	216	Fondazione	32-33	6	2.5	Caratt.	0	0	2825	-	2.83	-161.91	168.00	3600.00	22.24	V
							158	0	2164	-	2.17	-124.01	168.00	3600.00	29.03	V
							210	0	2720	-	2.73	-155.86	168.00	3600.00	23.10	V
						Q.Perm	0	0	2500	-	2.51	-143.27	126.00	3600.00	25.13	V
							158	0	1888	-	1.89	-108.21	126.00	3600.00	33.27	V
							210	0	2373	-	2.38	-135.97	126.00	3600.00	26.48	V
284	219	Fondazione	32-37	6	2.5	Caratt.	0	0	-2162	-	2.17	-123.91	168.00	3600.00	29.05	V
							113	0	-6573	-	6.59	-376.69	168.00	3600.00	9.56	V
							210	0	-4066	-	4.08	-232.99	168.00	3600.00	15.45	V
						Q.Perm	0	0	-1717	-	1.72	-98.42	126.00	3600.00	36.58	V
							113	0	-6027	-	6.04	-345.37	126.00	3600.00	10.42	V
							210	0	-3739	-	3.75	-214.30	126.00	3600.00	16.80	V
285	222	Fondazione	33-38	6	2.5	Caratt.	0	0	-5512	-	5.53	-315.88	168.00	3600.00	11.40	V
							135	0	-13425	-	13.46	-769.33	168.00	3600.00	4.68	V
							210	0	-12584	-	12.61	-721.14	168.00	3600.00	4.99	V
						Q.Perm	0	0	-4986	-	5.00	-285.72	126.00	3600.00	12.60	V
							135	0	-12227	-	12.26	-700.67	126.00	3600.00	5.14	V
							210	0	-11446	-	11.47	-655.92	126.00	3600.00	5.49	V
286	225	Fondazione	34-35	6	2.5	Caratt.	0	0	4071	-	4.08	-233.32	168.00	3600.00	15.43	V
							215	0	-18054	-	18.10	-1034.60	168.00	3600.00	3.48	V
							950	0	-7611	-	7.63	-436.15	168.00	3600.00	8.25	V
						Q.Perm	0	0	2756	-	2.76	-157.97	126.00	3600.00	22.79	V
							215	0	-16622	-	16.66	-952.55	126.00	3600.00	3.78	V
							950	0	-6673	-	6.69	-382.43	126.00	3600.00	9.41	V
287	226	Fondazione	34-39	6	2.5	Caratt.	0	0	14812	-	14.85	-848.84	168.00	3600.00	4.24	V
							249	0	10568	-	10.59	-605.63	168.00	3600.00	5.94	V
							315	0	12851	-	12.88	-736.45	168.00	3600.00	4.89	V
						Q.Perm	0	0	14011	-	14.04	-802.91	126.00	3600.00	4.48	V
							249	0	9874	-	9.90	-565.86	126.00	3600.00	6.36	V
							315	0	12055	-	12.08	-690.82	126.00	3600.00	5.21	V
288	227	Fondazione	35-40	6	2.5	Caratt.	0	0	-5959	-	5.97	-341.49	168.00	3600.00	10.54	V
							32	0	-5806	-	5.82	-332.71	168.00	3600.00	10.82	V
							300	0	893	-	0.89	-51.15	168.00	3600.00	70.38	V
						Q.Perm	0	0	-4928	-	4.94	-282.40	126.00	3600.00	12.75	V
							32	0	-4855	-	4.87	-278.21	126.00	3600.00	12.94	V
							300	0	624	-	0.63	-35.74	126.00	3600.00	100.73	V
289	228	Fondazione	36-37	6	2.5	Caratt.	0	0	5664	-	5.68	-324.61	168.00	3600.00	11.09	V
							101	0	4620	-	4.63	-264.78	168.00	3600.00	13.60	V
							150	0	4742	-	4.75	-271.76	168.00	3600.00	13.25	V
						Q.Perm	0	0	5195	-	5.21	-297.70	126.00	3600.00	12.09	V
							101	0	4251	-	4.26	-243.61	126.00	3600.00	14.78	V
							150	0	4341	-	4.35	-248.80	126.00	3600.00	14.47	V
290	230	Fondazione	36-41	6	2.5	Caratt.	0	0	-4822	-	4.83	-276.31	168.00	3600.00	13.03	V
							68	0	-8910	-	8.93	-510.63	168.00	3600.00	7.05	V
							210	0	-1933	-	1.94	-110.77	168.00	3600.00	32.50	V
						Q.Perm	0	0	-4107	-	4.12	-235.35	126.00	3600.00	15.30	V
							68	0	-8103	-	8.12	-464.39	126.00	3600.00	7.75	V
							210	0	-1651	-	1.66	-94.63	126.00	3600.00	38.04	V
291	233	Fondazione	37-38	6	2.5	Caratt.	0	0	4034	-	4.04	-231.19	168.00	3600.00	15.57	V
							23	0	2774	-	2.78	-158.97	168.00	3600.00	22.65	V
							210	0	1753	-	1.76	-100.45	168.00	3600.00	35.84	V
						Q.Perm	0	0	3688	-	3.70	-211.34	126.00	3600.00	17.03	V
							23	0	2534	-	2.54	-145.21	126.00	3600.00	24.79	V

							210	0	1564	-	1.57	-89.65	126.00	3600.00	40.16	V
292	236	Fondazione	38-42	6	2.5	Caratt.	0	0	-13511	-	13.54	-774.26	168.00	3600.00	4.65	V
							23	0	-13476	-	13.51	-772.27	168.00	3600.00	4.66	V
							210	0	-2134	-	2.14	-122.32	168.00	3600.00	29.43	V
						Q.Perm	0	0	-12270	-	12.30	-703.18	126.00	3600.00	5.12	V
							23	0	-12248	-	12.28	-701.92	126.00	3600.00	5.13	V
							210	0	-1901	-	1.91	-108.91	126.00	3600.00	33.05	V
293	239	Fondazione	39-45	6	2.5	Caratt.	0	0	16121	-	16.16	-923.88	168.00	3600.00	3.90	V
							289	0	-26048	-	26.11	-1492.74	168.00	3600.00	2.41	V
							360	0	-29775	-	29.85	-1706.36	168.00	3600.00	2.11	V
						Q.Perm	0	0	14940	-	14.98	-856.19	126.00	3600.00	4.20	V
							289	0	-24572	-	24.63	-1408.18	126.00	3600.00	2.56	V
							360	0	-28208	-	28.28	-1616.53	126.00	3600.00	2.23	V
294	240	Fondazione	39-49	6	2.5	Caratt.	0	0	5482	-	5.50	-314.19	168.00	3600.00	11.46	V
							591	0	-24229	-	24.29	-1388.50	168.00	3600.00	2.59	V
							750	0	-24092	-	22.27	-1112.34	168.00	3600.00	3.24	V
						Q.Perm	0	0	3383	-	3.39	-193.89	126.00	3600.00	18.57	V
							591	0	-21536	-	21.59	-1234.16	126.00	3600.00	2.92	V
							750	0	-20836	-	19.26	-962.03	126.00	3600.00	3.74	V
295	241	Fondazione	40-41	6	2.5	Caratt.	0	0	11842	-	9.37	-421.60	168.00	3600.00	8.54	V
							37	0	8985	-	7.77	-377.09	168.00	3600.00	9.55	V
							360	0	-2460	-	2.47	-140.97	168.00	3600.00	25.54	V
						Q.Perm	0	0	6833	-	5.41	-243.29	126.00	3600.00	14.80	V
							37	0	4905	-	4.24	-205.84	126.00	3600.00	17.49	V
							360	0	-963	-	0.97	-55.19	126.00	3600.00	65.23	V
296	242	Fondazione	49-40	6	2.5	Caratt.	0	0	-15027	-	11.68	-548.16	168.00	3600.00	6.57	V
							140	0	12195	-	9.36	-406.48	168.00	3600.00	8.86	V
							220	0	11827	-	9.08	-394.23	168.00	3600.00	9.13	V
						Q.Perm	0	0	-9752	-	7.58	-355.72	126.00	3600.00	10.12	V
							140	0	7922	-	6.08	-264.07	126.00	3600.00	13.63	V
							220	0	6690	-	5.14	-223.01	126.00	3600.00	16.14	V
297	245	Fondazione	41-42	6	2.5	Caratt.	0	0	2423	-	2.43	-138.83	168.00	3600.00	25.93	V
							232	0	721	-	0.72	-41.29	168.00	3600.00	87.18	V
							330	0	3593	-	3.60	-205.88	168.00	3600.00	17.49	V
						Q.Perm	0	0	2241	-	2.25	-128.43	126.00	3600.00	28.03	V
							232	0	380	-	0.38	-21.78	126.00	3600.00	165.30	V
							330	0	2901	-	2.91	-166.24	126.00	3600.00	21.65	V
298	249	Fondazione	42-43	6	2.5	Caratt.	0	0	2458	-	2.46	-140.87	168.00	3600.00	25.56	V
							131	0	-961	-	0.96	-55.09	168.00	3600.00	65.35	V
							210	0	1308	-	1.31	-74.96	168.00	3600.00	48.03	V
						Q.Perm	0	0	1840	-	1.84	-105.42	126.00	3600.00	34.15	V
							131	0	-56	-	0.06	-3.18	126.00	3600.00	1130.65	V
							210	0	793	-	0.79	-45.44	126.00	3600.00	79.22	V
299	252	Fondazione	43-44	6	2.5	Caratt.	0	0	-2655	-	2.66	-152.15	168.00	3600.00	23.66	V
							193	0	-6263	-	6.28	-358.94	168.00	3600.00	10.03	V
							295	0	-4323	-	4.33	-247.77	168.00	3600.00	14.53	V
						Q.Perm	0	0	-1876	-	1.88	-107.50	126.00	3600.00	33.49	V
							193	0	-4883	-	4.89	-279.84	126.00	3600.00	12.86	V
							295	0	-2801	-	2.81	-160.50	126.00	3600.00	22.43	V
300	255	Fondazione	45-46	6	2.5	Caratt.	0	0	-7659	-	7.68	-438.92	168.00	3600.00	8.20	V
							282	0	-24330	-	24.39	-1394.28	168.00	3600.00	2.58	V
							813	0	-2504	-	2.51	-143.51	168.00	3600.00	25.08	V
						Q.Perm	0	0	-7088	-	7.11	-406.22	126.00	3600.00	8.86	V
							282	0	-22483	-	22.54	-1288.45	126.00	3600.00	2.79	V
							813	0	-1755	-	1.76	-100.59	126.00	3600.00	35.79	V
301	264	Fondazione	46-49	6	2.5	Caratt.	0	0	-813	-	0.82	-46.61	168.00	3600.00	77.24	V
							206	0	-5675	-	5.69	-325.20	168.00	3600.00	11.07	V
							380	0	3570	-	3.58	-204.56	168.00	3600.00	17.60	V
						Q.Perm	0	0	-513	-	0.51	-29.38	126.00	3600.00	122.54	V
							206	0	-4953	-	4.97	-283.86	126.00	3600.00	12.68	V
							380	0	3034	-	3.04	-173.87	126.00	3600.00	20.71	V
302	268	Fondazione	47-48	6	2.5	Caratt.	0	0	1994	-	2.00	-114.26	168.00	3600.00	31.51	V
							160	0	-1840	-	1.84	-105.43	168.00	3600.00	34.15	V
							380	0	3010	-	3.02	-172.51	168.00	3600.00	20.87	V
						Q.Perm	0	0	1751	-	1.75	-100.33	126.00	3600.00	35.88	V
							160	0	-1581	-	1.59	-90.62	126.00	3600.00	39.73	V
							380	0	2647	-	2.65	-151.68	126.00	3600.00	23.73	V

4.3.3.5 Verifiche SLE - Fessurazione.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Fili : fili fissi ai quali appartiene l'asta considerata;
Tipo Sez. : tipo di sezione dell'asta considerata;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Comb : tipo di combinazione a cui la verifica è riferita;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Sollecitazione : M_{XZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
Fessura di calcolo: W_k : valore dell'apertura della fessura calcolata;

Fessura max : $W_{k,max}$: valore della massima apertura ammissibile delle fessure;

Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 31.I

							380	Soll.	Fess. di calc.	Fessura max		
Camp	**Asta**	**Imp.**	**Fili**	**Tipo Sez.**	**Cop [cm]**	**Comb**	**X [cm]**	**M_{XZ} [daNm]**	**W_k [mm]**	**$W_{k,max}$ [mm]**	**S**	**Esito**
227	1	Fondazione	1-2	6	2.5	Freq	0	-5074	0.00	0.40	-	V
							171	-15620	0.00	0.40	-	V
							530	3225	0.00	0.40	-	V
						Q.Perm	0	-4635	0.00	0.30	-	V
							171	-15390	0.00	0.30	-	V
							530	3109	0.00	0.30	-	V
228	7	Fondazione	1-7	6	2.5	Freq	0	-28171	0.00	0.40	-	V
							34	-25029	0.00	0.40	-	V
							305	7157	0.00	0.40	-	V
						Q.Perm	0	-27676	0.00	0.30	-	V
							34	-24607	0.00	0.30	-	V
							305	6879	0.00	0.30	-	V
229	8	Fondazione	2-3	6	2.5	Freq	0	4495	0.00	0.40	-	V
							216	-5060	0.00	0.40	-	V
							405	951	0.00	0.40	-	V
						Q.Perm	0	4403	0.00	0.30	-	V
							216	-4959	0.00	0.30	-	V
							405	916	0.00	0.30	-	V
230	13	Fondazione	2-8	6	2.5	Freq	0	-2502	0.00	0.40	-	V
							138	-9930	0.00	0.40	-	V
							305	2583	0.00	0.40	-	V
						Q.Perm	0	-2463	0.00	0.30	-	V
							138	-9754	0.00	0.30	-	V
							305	2373	0.00	0.30	-	V
231	17	Fondazione	3-4	6	2.5	Freq	0	-241	0.00	0.40	-	V
							280	-1714	0.00	0.40	-	V
							375	2802	0.00	0.40	-	V
						Q.Perm	0	-128	0.00	0.30	-	V
							280	-1346	0.00	0.30	-	V
							375	2534	0.00	0.30	-	V
232	21	Fondazione	3-9	6	2.5	Freq	0	-2013	0.00	0.40	-	V
							206	-9791	0.00	0.40	-	V
							305	-4346	0.00	0.40	-	V
						Q.Perm	0	-1958	0.00	0.30	-	V
							206	-9608	0.00	0.30	-	V
							305	-4132	0.00	0.30	-	V
233	25	Fondazione	4-5	6	2.5	Freq	0	2763	0.00	0.40	-	V
							37	4043	0.00	0.40	-	V
							365	361	0.00	0.40	-	V
						Q.Perm	0	2701	0.00	0.30	-	V
							37	3971	0.00	0.30	-	V
							365	109	0.00	0.30	-	V
234	29	Fondazione	4-13	6	2.5	Freq	0	-1593	0.00	0.40	-	V
							218	-19438	0.00	0.40	-	V
							610	12956	0.00	0.40	-	V
						Q.Perm	0	-1512	0.00	0.30	-	V
							218	-19178	0.00	0.30	-	V
							610	12625	0.00	0.30	-	V
235	36	Fondazione	5-6	6	2.5	Freq	0	-957	0.00	0.40	-	V
							250	-564	0.00	0.40	-	V
							490	-1262	0.00	0.40	-	V
						Q.Perm	0	-772	0.00	0.30	-	V
							250	-543	0.00	0.30	-	V

							490	-1156	0.00	0.30	-	V
236	41	Fondazione	5-14	6	2.5	Freq	0	-1525	0.00	0.40	-	V
							218	-22714	0.00	0.40	-	V
							610	14734	0.00	0.40	-	V
						Q.Perm	0	-1353	0.00	0.30	-	V
							218	-22433	0.00	0.30	-	V
							610	14385	0.00	0.30	-	V
237	48	Fondazione	6-15	6	2.5	Freq	0	-3541	0.00	0.40	-	V
							218	-20402	0.00	0.40	-	V
							610	14440	0.00	0.40	-	V
						Q.Perm	0	-3443	0.00	0.30	-	V
							218	-20177	0.00	0.30	-	V
							610	14153	0.00	0.30	-	V
238	55	Fondazione	7-8	6	2.5	Freq	0	2387	0.00	0.40	-	V
							398	-18211	0.00	0.40	-	V
							530	-18839	0.00	0.40	-	V
						Q.Perm	0	2081	0.00	0.30	-	V
							398	-17930	0.00	0.30	-	V
							530	-18575	0.00	0.30	-	V
239	56	Fondazione	7-10	6	2.5	Freq	0	3933	0.00	0.40	-	V
							34	2450	0.00	0.40	-	V
							305	7371	0.00	0.40	-	V
						Q.Perm	0	3728	0.00	0.30	-	V
							34	2273	0.00	0.30	-	V
							305	7071	0.00	0.30	-	V
240	57	Fondazione	8-9	6	2.5	Freq	0	-2631	0.00	0.40	-	V
							129	-5699	0.00	0.40	-	V
							405	1651	0.00	0.40	-	V
						Q.Perm	0	-2542	0.00	0.30	-	V
							129	-5610	0.00	0.30	-	V
							405	1619	0.00	0.30	-	V
241	62	Fondazione	8-11	6	2.5	Freq	0	5202	0.00	0.40	-	V
							138	-5253	0.00	0.40	-	V
							305	5900	0.00	0.40	-	V
						Q.Perm	0	4986	0.00	0.30	-	V
							138	-5143	0.00	0.30	-	V
							305	5763	0.00	0.30	-	V
242	66	Fondazione	12-9	6	2.5	Freq	0	962	0.00	0.40	-	V
							240	-5679	0.00	0.40	-	V
							305	-3422	0.00	0.40	-	V
						Q.Perm	0	885	0.00	0.30	-	V
							240	-5556	0.00	0.30	-	V
							305	-3288	0.00	0.30	-	V
243	70	Fondazione	10-11	6	2.5	Freq	0	8184	0.00	0.40	-	V
							398	-31412	0.00	0.40	-	V
							530	-34491	0.00	0.40	-	V
						Q.Perm	0	7852	0.00	0.30	-	V
							398	-30900	0.00	0.30	-	V
							530	-33958	0.00	0.30	-	V
244	71	Fondazione	10-16	6	2.5	Freq	0	3875	0.00	0.40	-	V
							241	7273	0.00	0.40	-	V
							305	10721	0.00	0.40	-	V
						Q.Perm	0	3628	0.00	0.30	-	V
							241	7161	0.00	0.30	-	V
							305	10571	0.00	0.30	-	V
245	72	Fondazione	11-12	6	2.5	Freq	0	-11782	0.00	0.40	-	V
							43	-11393	0.00	0.40	-	V
							415	3736	0.00	0.40	-	V
						Q.Perm	0	-11641	0.00	0.30	-	V
							43	-11227	0.00	0.30	-	V
							415	3693	0.00	0.30	-	V
246	77	Fondazione	12-13	6	2.5	Freq	0	1616	0.00	0.40	-	V

							37	-850	0.00	0.40	-	V
							365	6476	0.00	0.40	-	V
						Q.Perm	0	1481	0.00	0.30	-	V
							37	-803	0.00	0.30	-	V
							365	6314	0.00	0.30	-	V
247	81	Fondazione	12-17	6	2.5	Freq	0	704	0.00	0.40	-	V
							34	-1164	0.00	0.40	-	V
							305	6584	0.00	0.40	-	V
						Q.Perm	0	641	0.00	0.30	-	V
							34	-1151	0.00	0.30	-	V
							305	6476	0.00	0.30	-	V
248	85	Fondazione	13-14	6	2.5	Freq	0	5588	0.00	0.40	-	V
							258	1358	0.00	0.40	-	V
							365	6093	0.00	0.40	-	V
						Q.Perm	0	5443	0.00	0.30	-	V
							258	1304	0.00	0.30	-	V
							365	5943	0.00	0.30	-	V
249	89	Fondazione	13-20	6	2.5	Freq	0	13482	0.00	0.40	-	V
							290	-7620	0.00	0.40	-	V
							610	16092	0.00	0.40	-	V
						Q.Perm	0	13148	0.00	0.30	-	V
							290	-7469	0.00	0.30	-	V
							610	15768	0.00	0.30	-	V
250	96	Fondazione	14-15	6	2.5	Freq	0	2340	0.00	0.40	-	V
							250	-16113	0.00	0.40	-	V
							490	-991	0.00	0.40	-	V
						Q.Perm	0	2192	0.00	0.30	-	V
							250	-15871	0.00	0.30	-	V
							490	-773	0.00	0.30	-	V
251	101	Fondazione	14-21	6	2.5	Freq	0	15209	0.00	0.40	-	V
							290	-9762	0.00	0.40	-	V
							610	20318	0.00	0.40	-	V
						Q.Perm	0	14861	0.00	0.30	-	V
							290	-9578	0.00	0.30	-	V
							610	19919	0.00	0.30	-	V
252	108	Fondazione	15-22	6	2.5	Freq	0	14810	0.00	0.40	-	V
							73	4436	0.00	0.40	-	V
							610	14314	0.00	0.40	-	V
						Q.Perm	0	14526	0.00	0.30	-	V
							73	4329	0.00	0.30	-	V
							610	14100	0.00	0.30	-	V
253	115	Fondazione	16-17	6	2.5	Freq	0	1253	0.00	0.40	-	V
							323	-20527	0.00	0.40	-	V
							950	-5209	0.00	0.40	-	V
						Q.Perm	0	1083	0.00	0.30	-	V
							323	-20115	0.00	0.30	-	V
							950	-5121	0.00	0.30	-	V
254	116	Fondazione	16-18	6	2.5	Freq	0	9192	0.00	0.40	-	V
							34	6323	0.00	0.40	-	V
							305	9365	0.00	0.40	-	V
						Q.Perm	0	9063	0.00	0.30	-	V
							34	6249	0.00	0.30	-	V
							305	9246	0.00	0.30	-	V
255	117	Fondazione	17-19	6	2.5	Freq	0	7092	0.00	0.40	-	V
							241	2666	0.00	0.40	-	V
							305	6953	0.00	0.40	-	V
						Q.Perm	0	6980	0.00	0.30	-	V
							241	2630	0.00	0.30	-	V
							305	6842	0.00	0.30	-	V
256	121	Fondazione	18-19	6	2.5	Freq	0	1484	0.00	0.40	-	V
							323	-22464	0.00	0.40	-	V
							950	-5652	0.00	0.40	-	V
						Q.Perm	0	1334	0.00	0.30	-	V

							323	-22037	0.00	0.30	-	V
							950	-5561	0.00	0.30	-	V
257	122	Fondazione	18-23	6	2.5	Freq	0	8487	0.00	0.40	-	V
							241	4811	0.00	0.40	-	V
							305	7825	0.00	0.40	-	V
						Q.Perm	0	8371	0.00	0.30	-	V
							241	4741	0.00	0.30	-	V
							305	7701	0.00	0.30	-	V
258	123	Fondazione	19-20	6	2.5	Freq	0	3563	0.00	0.40	-	V
							36	1612	0.00	0.40	-	V
							360	5592	0.00	0.40	-	V
						Q.Perm	0	3446	0.00	0.30	-	V
							36	1522	0.00	0.30	-	V
							360	5453	0.00	0.30	-	V
259	127	Fondazione	19-24	6	2.5	Freq	0	7330	0.00	0.40	-	V
							34	2700	0.00	0.40	-	V
							305	4108	0.00	0.40	-	V
						Q.Perm	0	7214	0.00	0.30	-	V
							34	2664	0.00	0.30	-	V
							305	4049	0.00	0.30	-	V
260	131	Fondazione	20-21	6	2.5	Freq	0	4534	0.00	0.40	-	V
							254	-1224	0.00	0.40	-	V
							365	3434	0.00	0.40	-	V
						Q.Perm	0	4421	0.00	0.30	-	V
							254	-1078	0.00	0.30	-	V
							365	3296	0.00	0.30	-	V
261	135	Fondazione	20-47	6	2.5	Freq	0	15912	0.00	0.40	-	V
							33	9491	0.00	0.40	-	V
							305	-11281	0.00	0.40	-	V
						Q.Perm	0	15590	0.00	0.30	-	V
							33	9304	0.00	0.30	-	V
							305	-11035	0.00	0.30	-	V
262	139	Fondazione	21-22	6	2.5	Freq	0	2706	0.00	0.40	-	V
							296	-11667	0.00	0.40	-	V
							490	-2916	0.00	0.40	-	V
						Q.Perm	0	2579	0.00	0.30	-	V
							296	-11494	0.00	0.30	-	V
							490	-2750	0.00	0.30	-	V
263	145	Fondazione	21-48	6	2.5	Freq	0	19928	0.00	0.40	-	V
							33	12430	0.00	0.40	-	V
							305	-13442	0.00	0.40	-	V
						Q.Perm	0	19536	0.00	0.30	-	V
							33	12194	0.00	0.30	-	V
							305	-13168	0.00	0.30	-	V
264	149	Fondazione	22-31	6	2.5	Freq	0	14235	0.00	0.40	-	V
							508	4714	0.00	0.40	-	V
							610	14681	0.00	0.40	-	V
						Q.Perm	0	14018	0.00	0.30	-	V
							508	4610	0.00	0.30	-	V
							610	14414	0.00	0.30	-	V
265	156	Fondazione	23-24	6	2.5	Freq	0	1729	0.00	0.40	-	V
							323	-22853	0.00	0.40	-	V
							950	-5791	0.00	0.40	-	V
						Q.Perm	0	1553	0.00	0.30	-	V
							323	-22431	0.00	0.30	-	V
							950	-5663	0.00	0.30	-	V
266	157	Fondazione	23-25	6	2.5	Freq	0	7848	0.00	0.40	-	V
							241	6002	0.00	0.40	-	V
							305	9251	0.00	0.40	-	V
						Q.Perm	0	7715	0.00	0.30	-	V
							241	5895	0.00	0.30	-	V
							305	9089	0.00	0.30	-	V
267	158	Fondazio	24-26	6	2.5	Freq	0	4280	0.00	0.40	-	V

		ne										
							241	1329	0.00	0.40	-	V
							305	5818	0.00	0.40	-	V
						Q.Perm	0	4218	0.00	0.30	-	V
							241	1293	0.00	0.30	-	V
							305	5702	0.00	0.30	-	V
268	162	Fondazione	24-47	6	2.5	Freq	0	5712	0.00	0.40	-	V
							35	3494	0.00	0.40	-	V
							353	175	0.00	0.40	-	V
						Q.Perm	0	5605	0.00	0.30	-	V
							35	3415	0.00	0.30	-	V
							353	150	0.00	0.30	-	V
269	166	Fondazione	25-26	6	2.5	Freq	0	2387	0.00	0.40	-	V
							430	-22356	0.00	0.40	-	V
							950	-6937	0.00	0.40	-	V
						Q.Perm	0	2189	0.00	0.30	-	V
							430	-21955	0.00	0.30	-	V
							950	-6841	0.00	0.30	-	V
270	167	Fondazione	25-34	6	2.5	Freq	0	10284	0.00	0.40	-	V
							249	8272	0.00	0.40	-	V
							315	11476	0.00	0.40	-	V
						Q.Perm	0	10099	0.00	0.30	-	V
							249	8179	0.00	0.30	-	V
							315	11339	0.00	0.30	-	V
271	168	Fondazione	26-27	6	2.5	Freq	0	2334	0.00	0.40	-	V
							38	194	0.00	0.40	-	V
							375	4146	0.00	0.40	-	V
						Q.Perm	0	2194	0.00	0.30	-	V
							38	87	0.00	0.30	-	V
							375	4048	0.00	0.30	-	V
272	172	Fondazione	26-35	6	2.5	Freq	0	5596	0.00	0.40	-	V
							214	-5118	0.00	0.40	-	V
							315	1482	0.00	0.40	-	V
						Q.Perm	0	5482	0.00	0.30	-	V
							214	-5074	0.00	0.30	-	V
							315	1393	0.00	0.30	-	V
273	176	Fondazione	27-28	6	2.5	Freq	0	6080	0.00	0.40	-	V
							79	6577	0.00	0.40	-	V
							140	7193	0.00	0.40	-	V
						Q.Perm	0	5949	0.00	0.30	-	V
							79	6422	0.00	0.30	-	V
							140	7022	0.00	0.30	-	V
274	178	Fondazione	27-36	6	2.5	Freq	0	14298	0.00	0.40	-	V
							341	-6461	0.00	0.40	-	V
							420	-3208	0.00	0.40	-	V
						Q.Perm	0	13958	0.00	0.30	-	V
							341	-6315	0.00	0.30	-	V
							420	-3075	0.00	0.30	-	V
275	183	Fondazione	47-27	6	2.5	Freq	0	-11540	0.00	0.40	-	V
							228	7822	0.00	0.40	-	V
							305	13967	0.00	0.40	-	V
						Q.Perm	0	-11289	0.00	0.30	-	V
							228	7627	0.00	0.30	-	V
							305	13636	0.00	0.30	-	V
276	187	Fondazione	28-29	6	2.5	Freq	0	6314	0.00	0.40	-	V
							127	1943	0.00	0.40	-	V
							195	2517	0.00	0.40	-	V
						Q.Perm	0	6160	0.00	0.30	-	V
							127	1848	0.00	0.30	-	V
							195	2403	0.00	0.30	-	V
277	189	Fondazione	29-30	6	2.5	Freq	0	-298	0.00	0.40	-	V
							113	-4686	0.00	0.40	-	V
							210	-1793	0.00	0.40	-	V

						Q.Perm	0	-275	0.00	0.30	-	V
							113	-4586	0.00	0.30	-	V
							210	-1669	0.00	0.30	-	V
278	192	Fondazione	29-33	6	2.5	Freq	0	15153	0.00	0.40	-	V
							23	11629	0.00	0.40	-	V
							210	-3398	0.00	0.40	-	V
						Q.Perm	0	14752	0.00	0.30	-	V
							23	11312	0.00	0.30	-	V
							210	-3276	0.00	0.30	-	V
279	195	Fondazione	48-29	6	2.5	Freq	0	-13214	0.00	0.40	-	V
							228	9040	0.00	0.40	-	V
							305	15240	0.00	0.40	-	V
						Q.Perm	0	-12941	0.00	0.30	-	V
							228	8786	0.00	0.30	-	V
							305	14841	0.00	0.30	-	V
280	199	Fondazione	30-31	6	2.5	Freq	0	-3850	0.00	0.40	-	V
							165	-9690	0.00	0.40	-	V
							295	-3689	0.00	0.40	-	V
						Q.Perm	0	-3693	0.00	0.30	-	V
							165	-9527	0.00	0.30	-	V
							295	-3510	0.00	0.30	-	V
281	202	Fondazione	30-43	6	2.5	Freq	0	7674	0.00	0.40	-	V
							375	-17178	0.00	0.40	-	V
							630	-1197	0.00	0.40	-	V
						Q.Perm	0	7498	0.00	0.30	-	V
							375	-16876	0.00	0.30	-	V
							630	-1163	0.00	0.30	-	V
282	209	Fondazione	31-44	6	2.5	Freq	0	14283	0.00	0.40	-	V
							375	-19236	0.00	0.40	-	V
							630	-1381	0.00	0.40	-	V
						Q.Perm	0	14020	0.00	0.30	-	V
							375	-18830	0.00	0.30	-	V
							630	-1288	0.00	0.30	-	V
283	216	Fondazione	32-33	6	2.5	Freq	0	2603	0.00	0.40	-	V
							158	1948	0.00	0.40	-	V
							210	2457	0.00	0.40	-	V
						Q.Perm	0	2500	0.00	0.30	-	V
							158	1888	0.00	0.30	-	V
							210	2373	0.00	0.30	-	V
284	219	Fondazione	32-37	6	2.5	Freq	0	-1898	0.00	0.40	-	V
							113	-6140	0.00	0.40	-	V
							210	-3813	0.00	0.40	-	V
						Q.Perm	0	-1717	0.00	0.30	-	V
							113	-6027	0.00	0.30	-	V
							210	-3739	0.00	0.30	-	V
285	222	Fondazione	33-38	6	2.5	Freq	0	-5137	0.00	0.40	-	V
							135	-12478	0.00	0.40	-	V
							210	-11696	0.00	0.40	-	V
						Q.Perm	0	-4986	0.00	0.30	-	V
							135	-12227	0.00	0.30	-	V
							210	-11446	0.00	0.30	-	V
286	225	Fondazione	34-35	6	2.5	Freq	0	2975	0.00	0.40	-	V
							215	-16927	0.00	0.40	-	V
							950	-6836	0.00	0.40	-	V
						Q.Perm	0	2756	0.00	0.30	-	V
							215	-16622	0.00	0.30	-	V
							950	-6673	0.00	0.30	-	V
287	226	Fondazione	34-39	6	2.5	Freq	0	14193	0.00	0.40	-	V
							249	10047	0.00	0.40	-	V
							315	12213	0.00	0.40	-	V
						Q.Perm	0	14011	0.00	0.30	-	V
							249	9874	0.00	0.30	-	V
							315	12055	0.00	0.30	-	V

288	227	Fondazione	35-40	6	2.5	Freq	0	-5148	0.00	0.40	-	V
							32	-5063	0.00	0.40	-	V
							300	757	0.00	0.40	-	V
						Q.Perm	0	-4928	0.00	0.30	-	V
							32	-4855	0.00	0.30	-	V
							300	624	0.00	0.30	-	V
289	228	Fondazione	36-37	6	2.5	Freq	0	5298	0.00	0.40	-	V
							101	4334	0.00	0.40	-	V
							150	4426	0.00	0.40	-	V
						Q.Perm	0	5195	0.00	0.30	-	V
							101	4251	0.00	0.30	-	V
							150	4341	0.00	0.30	-	V
290	230	Fondazione	36-41	6	2.5	Freq	0	-4271	0.00	0.40	-	V
							68	-8226	0.00	0.40	-	V
							210	-1718	0.00	0.40	-	V
						Q.Perm	0	-4107	0.00	0.30	-	V
							68	-8103	0.00	0.30	-	V
							210	-1651	0.00	0.30	-	V
291	233	Fondazione	37-38	6	2.5	Freq	0	3763	0.00	0.40	-	V
							23	2589	0.00	0.40	-	V
							210	1604	0.00	0.40	-	V
						Q.Perm	0	3688	0.00	0.30	-	V
							23	2534	0.00	0.30	-	V
							210	1564	0.00	0.30	-	V
292	236	Fondazione	38-42	6	2.5	Freq	0	-12536	0.00	0.40	-	V
							23	-12508	0.00	0.40	-	V
							210	-1948	0.00	0.40	-	V
						Q.Perm	0	-12270	0.00	0.30	-	V
							23	-12248	0.00	0.30	-	V
							210	-1901	0.00	0.30	-	V
293	239	Fondazione	39-45	6	2.5	Freq	0	15248	0.00	0.40	-	V
							289	-24911	0.00	0.40	-	V
							360	-28590	0.00	0.40	-	V
						Q.Perm	0	14940	0.00	0.30	-	V
							289	-24572	0.00	0.30	-	V
							360	-28208	0.00	0.30	-	V
294	240	Fondazione	39-49	6	2.5	Freq	0	3769	0.00	0.40	-	V
							591	-21925	0.00	0.40	-	V
							750	-21353	0.00	0.40	-	V
						Q.Perm	0	3383	0.00	0.30	-	V
							591	-21536	0.00	0.30	-	V
							750	-20836	0.00	0.30	-	V
295	241	Fondazione	40-41	6	2.5	Freq	0	7761	0.00	0.40	-	V
							37	5671	0.00	0.40	-	V
							360	-1261	0.00	0.40	-	V
						Q.Perm	0	6833	0.00	0.30	-	V
							37	4905	0.00	0.30	-	V
							360	-963	0.00	0.30	-	V
296	242	Fondazione	49-40	6	2.5	Freq	0	-10636	0.00	0.40	-	V
							140	8682	0.00	0.40	-	V
							220	7647	0.00	0.40	-	V
						Q.Perm	0	-9752	0.00	0.30	-	V
							140	7922	0.00	0.30	-	V
							220	6690	0.00	0.30	-	V
297	245	Fondazione	41-42	6	2.5	Freq	0	2312	0.00	0.40	-	V
							232	462	0.00	0.40	-	V
							330	3047	0.00	0.40	-	V
						Q.Perm	0	2241	0.00	0.30	-	V
							232	380	0.00	0.30	-	V
							330	2901	0.00	0.30	-	V
298	249	Fondazione	42-43	6	2.5	Freq	0	1978	0.00	0.40	-	V
							131	-252	0.00	0.40	-	V

							210	919	0.00	0.40	-	V
						Q.Perm	0	1840	0.00	0.30	-	V
							131	-56	0.00	0.30	-	V
							210	793	0.00	0.30	-	V
299	252	Fondazione	43-44	6	2.5	Freq	0	-2058	0.00	0.40	-	V
							193	-5103	0.00	0.40	-	V
							295	-3115	0.00	0.40	-	V
						Q.Perm	0	-1876	0.00	0.30	-	V
							193	-4883	0.00	0.30	-	V
							295	-2801	0.00	0.30	-	V
300	255	Fondazione	45-46	6	2.5	Freq	0	-7215	0.00	0.40	-	V
							282	-22975	0.00	0.40	-	V
							813	-1887	0.00	0.40	-	V
						Q.Perm	0	-7088	0.00	0.30	-	V
							282	-22483	0.00	0.30	-	V
							813	-1755	0.00	0.30	-	V
301	264	Fondazione	46-49	6	2.5	Freq	0	-660	0.00	0.40	-	V
							206	-5167	0.00	0.40	-	V
							380	3279	0.00	0.40	-	V
						Q.Perm	0	-513	0.00	0.30	-	V
							206	-4953	0.00	0.30	-	V
							380	3034	0.00	0.30	-	V
302	268	Fondazione	47-48	6	2.5	Freq	0	1803	0.00	0.40	-	V
							160	-1629	0.00	0.40	-	V
							380	2728	0.00	0.40	-	V
						Q.Perm	0	1751	0.00	0.30	-	V
							160	-1581	0.00	0.30	-	V
							380	2647	0.00	0.30	-	V

4.4 Verifica Stati Limite di Danno.

4.4.1 Inviluppi dei Cinematismi nodali.

I dati seguenti riportano i valori dei Cinematismi nodali che definiscono la struttura ed in modo particolare:

Nodo : numerazione interna del nodo.
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.

Cinematismi nodali : valore dello Sforzo Normale nel punto considerato:
- Vx : traslazione X rispetto al sistema di riferimento globale.
- Vy : traslazione Y rispetto al sistema di riferimento globale.
- Vz : Traslazione Z rispetto al sistema di riferimento globale.
- Rx : rotazione X rispetto al sistema di riferimento globale.
- Ry : rotazione Y rispetto al sistema di riferimento globale.
- Rz : rotazione Z rispetto al sistema di riferimento globale.
- Max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo.
- Min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo.
- CMax : combinazione massima di appartenenza del valore considerato nell'inviluppo.
- CMin : combinazione minima di appartenenza del valore considerato nell'inviluppo.

Tabella 32.I

STATO LIMITE DI DANNO												
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
Nodo	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
1	0.148	-0.145	0.171	-0.172	-0.040	-0.270	3.6E-4	-2.9E-4	4.1E-4	-7.6E-5	5.4E-5	-6.0E-5
2	0.073	-0.071	0.170	-0.170	-0.067	-0.168	6.7E-5	-2.6E-4	6.9E-5	-6.3E-5	3.3E-5	-3.4E-5
3	0.044	-0.043	0.172	-0.171	-0.043	-0.192	1.3E-4	-3.9E-4	1.6E-4	-1.9E-4	3.4E-5	-3.4E-5
4	0.048	-0.048	0.173	-0.173	-0.014	-0.250	1.6E-4	-5.7E-4	1.1E-4	-2.2E-4	4.5E-5	-4.4E-5
5	0.082	-0.081	0.172	-0.172	-0.064	-0.223	1.6E-4	-6.5E-4	4.2E-4	-4.6E-4	4.6E-5	-4.6E-5
6	0.152	-0.152	0.172	-0.172	0.121	-0.438	4.4E-4	-8.8E-4	4.2E-4	-5.0E-4	5.5E-5	-5.2E-5
7	0.147	-0.144	0.128	-0.129	-0.117	-0.279	3.6E-4	-1.8E-5	4.8E-4	2.4E-5	4.4E-5	-4.1E-5

8	0.072	-0.070	0.126	-0.126	-0.085	-0.112	7.8E-5	-1.5E-4	1.0E-4	-6.7E-6	3.4E-5	-3.4E-5
9	0.039	-0.038	0.128	-0.127	-0.076	-0.106	9.8E-5	-1.9E-4	4.3E-5	-4.3E-5	3.7E-5	-3.7E-5
10	0.148	-0.144	0.087	-0.089	-0.164	-0.329	2.2E-4	6.2E-5	6.2E-4	1.2E-4	4.4E-5	-4.4E-5
11	0.072	-0.070	0.084	-0.084	-0.072	-0.106	5.2E-5	-1.0E-4	1.4E-4	2.4E-6	3.4E-5	-3.3E-5
12	0.036	-0.035	0.087	-0.086	-0.070	-0.102	4.6E-5	-3.6E-5	1.5E-5	-3.0E-5	3.5E-5	-3.5E-5
13	0.036	-0.035	0.087	-0.087	-0.077	-0.102	4.7E-5	-2.8E-5	4.9E-5	-5.7E-5	3.8E-5	-3.7E-5
14	0.082	-0.081	0.087	-0.087	-0.077	-0.103	2.7E-5	-1.3E-5	9.0E-5	-6.7E-5	4.0E-5	-4.0E-5
15	0.152	-0.152	0.087	-0.087	-0.051	-0.177	1.3E-4	-1.2E-4	1.0E-4	-3.5E-4	4.4E-5	-4.3E-5
16	0.147	-0.143	0.055	-0.056	-0.206	-0.365	1.9E-4	1.0E-5	6.7E-4	1.7E-4	4.7E-5	-5.1E-5
17	0.033	-0.032	0.048	-0.048	-0.076	-0.105	4.5E-5	-1.9E-5	3.3E-5	-7.5E-5	3.5E-5	-3.5E-5
18	0.148	-0.144	0.056	-0.057	-0.229	-0.385	1.3E-4	-4.9E-5	7.5E-4	1.7E-4	4.6E-5	-4.5E-5
19	0.032	-0.031	0.031	-0.031	-0.082	-0.102	3.2E-5	-3.0E-5	6.2E-6	-5.0E-5	3.3E-5	-3.3E-5
20	0.034	-0.033	0.033	-0.033	-0.077	-0.117	2.0E-5	-9.9E-6	4.6E-5	-5.1E-5	3.4E-5	-3.4E-5
21	0.083	-0.082	0.037	-0.038	-0.084	-0.115	1.5E-5	-3.7E-6	1.1E-4	-1.3E-4	3.5E-5	-3.5E-5
22	0.154	-0.153	0.046	-0.046	-0.041	-0.191	5.9E-5	-5.8E-5	1.9E-4	-3.6E-4	3.7E-5	-3.6E-5
23	0.148	-0.144	0.057	-0.057	-0.228	-0.399	8.2E-5	-8.3E-5	8.0E-4	1.4E-4	4.5E-5	-4.5E-5
24	0.034	-0.033	0.031	-0.031	-0.079	-0.104	2.2E-5	-2.2E-5	1.9E-5	-5.6E-5	3.3E-5	-3.2E-5
25	0.147	-0.143	0.062	-0.062	-0.215	-0.397	2.8E-5	-1.2E-4	8.3E-4	8.2E-5	4.5E-5	-4.5E-5
26	0.038	-0.037	0.064	-0.064	-0.079	-0.107	3.3E-5	-2.0E-5	9.2E-6	-7.4E-5	3.3E-5	-3.3E-5
27	0.038	-0.037	0.067	-0.067	-0.075	-0.135	6.4E-5	-5.3E-6	-6.3E-7	-6.6E-5	3.4E-5	-3.4E-5
28	0.055	-0.054	0.067	-0.067	-0.080	-0.136	8.9E-5	-2.2E-5	5.1E-5	-5.8E-5	3.4E-5	-3.3E-5
29	0.081	-0.080	0.068	-0.068	-0.087	-0.126	8.2E-5	-2.4E-5	1.3E-4	-9.9E-5	3.4E-5	-3.4E-5
30	0.110	-0.109	0.067	-0.068	-0.076	-0.133	5.6E-5	-9.1E-5	1.9E-4	-1.9E-4	3.4E-5	-3.4E-5
31	0.153	-0.152	0.070	-0.070	-0.011	-0.219	6.3E-5	-7.6E-5	3.0E-4	-4.4E-4	3.6E-5	-3.5E-5
32	0.054	-0.053	0.095	-0.095	-0.091	-0.127	1.4E-4	-1.2E-4	8.7E-5	-7.3E-5	3.4E-5	-3.3E-5
33	0.083	-0.082	0.096	-0.096	-0.102	-0.113	1.2E-4	-1.2E-4	1.2E-4	-7.9E-5	3.4E-5	-3.4E-5
34	0.146	-0.142	0.103	-0.102	-0.182	-0.378	-4.2E-5	-2.0E-4	7.8E-4	1.2E-5	5.4E-5	-5.2E-5
35	0.047	-0.045	0.105	-0.104	-0.082	-0.113	1.2E-4	-5.8E-5	1.2E-4	-2.1E-4	3.9E-5	-3.8E-5
36	0.050	-0.049	0.124	-0.124	-0.090	-0.133	2.2E-4	-1.2E-4	2.6E-5	-7.9E-5	3.5E-5	-3.5E-5
37	0.054	-0.053	0.125	-0.125	-0.087	-0.141	2.0E-4	-1.2E-4	5.5E-5	-5.9E-5	3.4E-5	-3.4E-5
38	0.083	-0.082	0.125	-0.125	-0.083	-0.143	2.4E-4	-8.8E-5	1.1E-4	-8.7E-5	3.6E-5	-3.6E-5
39	0.142	-0.139	0.146	-0.145	-0.135	-0.312	-7.5E-5	-3.9E-4	5.9E-4	5.9E-6	9.7E-5	-9.8E-5
40	0.061	-0.060	0.151	-0.151	-0.044	-0.191	3.3E-4	-1.8E-4	3.1E-4	-4.0E-4	4.4E-5	-4.6E-5
41	0.058	-0.057	0.154	-0.154	-0.065	-0.190	3.4E-4	-1.6E-4	1.2E-4	-1.8E-4	4.1E-5	-4.1E-5
42	0.080	-0.079	0.156	-0.156	-0.070	-0.204	3.5E-4	-5.9E-5	1.2E-4	-1.8E-4	3.6E-5	-3.5E-5
43	0.109	-0.108	0.157	-0.157	-0.061	-0.224	4.4E-4	-7.0E-5	3.2E-4	-3.7E-4	3.7E-5	-3.6E-5
44	0.151	-0.150	0.158	-0.158	0.053	-0.364	5.7E-4	-1.7E-4	5.4E-4	-6.7E-4	4.4E-5	-4.3E-5
45	0.128	-0.127	0.198	-0.197	-0.057	-0.213	7.9E-5	-3.0E-4	5.0E-4	1.3E-5	5.5E-5	-5.3E-5
46	0.065	-0.064	0.183	-0.183	-0.048	-0.215	4.2E-4	-3.0E-4	9.0E-5	-5.0E-4	3.1E-5	-2.9E-5
47	0.034	-0.033	0.033	-0.032	-0.071	-0.112	4.9E-5	-2.6E-5	4.8E-5	-4.6E-5	3.3E-5	-3.3E-5
48	0.086	-0.084	0.037	-0.037	-0.078	-0.106	6.3E-5	-4.5E-5	6.9E-5	-7.0E-5	3.4E-5	-3.3E-5
49	0.059	-0.059	0.139	-0.139	-0.036	-0.166	2.5E-4	-1.6E-4	2.7E-4	-4.5E-4	2.3E-5	-2.1E-5
50	0.107	-0.106	0.040	-0.040	-0.084	-0.115	2.8E-5	-1.7E-5	1.5E-4	-1.5E-4	3.6E-5	-3.6E-5
51	0.234	-0.238	0.930	-0.934	-0.039	-0.294	1.5E-3	-1.3E-3	8.6E-4	-9.9E-4	2.4E-4	-3.4E-4
52	0.238	-0.235	0.883	-0.886	-0.081	-0.201	2.4E-3	-2.3E-3	5.6E-4	-4.6E-4	2.4E-4	-3.5E-4
53	0.240	-0.232	0.854	-0.841	-0.057	-0.216	2.4E-3	-2.1E-3	4.3E-4	-4.2E-4	2.4E-4	-3.4E-4
54	0.243	-0.229	0.833	-0.831	-0.003	-0.283	1.9E-3	-1.3E-3	4.7E-4	-4.1E-4	3.1E-4	-2.7E-4
55	0.246	-0.226	0.855	-0.876	-0.067	-0.231	2.3E-3	-1.8E-3	6.3E-4	-6.6E-4	3.1E-4	-2.7E-4
56	0.248	-0.224	0.900	-0.927	0.125	-0.454	2.1E-3	-1.6E-3	6.8E-4	-7.4E-4	2.6E-4	-3.2E-4
57	0.214	-0.267	0.930	-0.934	-0.126	-0.301	8.2E-4	-4.7E-4	8.9E-4	-9.2E-4	2.6E-4	-3.3E-4
58	0.216	-0.264	0.883	-0.886	-0.075	-0.189	7.6E-4	-6.6E-4	6.1E-4	-4.0E-4	2.4E-4	-3.4E-4
59	0.217	-0.263	0.854	-0.841	-0.057	-0.171	6.7E-4	-7.3E-4	8.0E-4	-6.1E-4	2.3E-4	-3.6E-4
60	0.218	-0.292	0.931	-0.934	-0.173	-0.350	7.0E-4	-5.6E-4	9.5E-4	-8.8E-4	2.2E-4	-3.7E-4
61	0.223	-0.287	0.883	-0.886	-0.064	-0.177	7.6E-4	-9.9E-4	6.3E-4	-3.6E-4	2.8E-4	-3.0E-4
62	0.226	-0.283	0.854	-0.841	-0.048	-0.161	4.6E-4	-4.6E-4	8.5E-4	-6.7E-4	3.1E-4	-2.7E-4
63	0.230	-0.279	0.833	-0.830	-0.087	-0.202	2.0E-4	-3.4E-4	4.9E-4	-3.9E-4	3.0E-4	-2.9E-4
64	0.232	-0.277	0.856	-0.875	-0.071	-0.185	4.1E-4	-5.5E-4	8.7E-4	-7.6E-4	2.9E-4	-2.9E-4
65	0.235	-0.275	0.901	-0.926	-0.063	-0.216	4.8E-4	-6.2E-4	1.0E-3	-7.9E-4	2.8E-4	-3.1E-4
66	0.193	-0.365	0.931	-0.934	-0.218	-0.387	6.6E-4	-4.7E-4	1.2E-3	-9.6E-4	2.0E-4	-3.8E-4
67	0.271	-0.288	0.852	-0.841	-0.055	-0.169	5.8E-4	-5.2E-4	1.2E-3	-1.0E-3	3.2E-4	-2.7E-4
68	0.231	-0.417	0.931	-0.934	-0.243	-0.407	6.1E-4	-5.4E-4	1.3E-3	-1.1E-3	2.9E-4	-2.9E-4
69	0.314	-0.335	0.852	-0.840	-0.059	-0.173	5.4E-4	-5.3E-4	1.3E-3	-1.1E-3	2.9E-4	-2.9E-4
70	0.312	-0.336	0.834	-0.830	-0.086	-0.200	5.0E-4	-4.1E-4	6.1E-4	-5.4E-4	3.1E-4	-2.7E-4
71	0.312	-0.337	0.857	-0.874	-0.077	-0.191	8.7E-4	-7.9E-4	9.3E-4	-7.6E-4	3.1E-4	-2.7E-4
72	0.312	-0.336	0.902	-0.925	-0.047	-0.224	8.6E-4	-8.8E-4	1.1E-3	-9.4E-4	3.0E-4	-2.8E-4
73	0.279	-0.466	0.931	-0.934	-0.241	-0.421	5.8E-4	-5.8E-4	1.4E-3	-1.2E-3	3.1E-4	-2.8E-4
74	0.367	-0.378	0.852	-0.840	-0.057	-0.171	5.4E-4	-5.3E-4	1.5E-3	-1.3E-3	3.1E-4	-2.8E-4
75	0.340	-0.509	0.931	-0.934	-0.229	-0.419	5.7E-4	-6.4E-4	1.5E-3	-1.4E-3	3.3E-4	-2.6E-4
76	0.423	-0.427	0.852	-0.840	-0.061	-0.174	5.6E-4	-5.3E-4	1.5E-3	-1.5E-3	3.1E-4	-2.7E-4
77	0.421	-0.428	0.836	-0.830	-0.080	-0.203	4.2E-4	-7.2E-4	1.0E-3	-9.0E-4	3.1E-4	-2.8E-4
78	0.421	-0.429	0.844	-0.846	-0.081	-0.194	6.4E-4	-6.5E-4	2.0E-4	-1.8E-4	3.2E-4	-2.6E-4
79	0.420	-0.429	0.857	-0.871	-0.087	-0.200	2.8E-4	-6.1E-4	6.7E-4	-6.3E-4	3.0E-4	-2.9E-4

80	0.420	-0.429	0.884	-0.886	-0.080	-0.194	1.3E-3	-4.9E-4	6.3E-4	-5.3E-4	2.9E-4	-3.0E-4
81	0.420	-0.429	0.903	-0.924	-0.011	-0.263	6.7E-4	-6.1E-4	1.3E-3	-1.2E-3	3.3E-4	-2.6E-4
82	0.464	-0.463	0.844	-0.846	-0.076	-0.190	1.7E-4	-1.9E-4	3.3E-4	-2.9E-4	3.2E-4	-2.6E-4
83	0.464	-0.463	0.858	-0.873	-0.070	-0.185	2.3E-4	-2.6E-4	4.1E-4	-3.4E-4	3.3E-4	-2.6E-4
84	0.428	-0.555	0.931	-0.934	-0.194	-0.399	5.0E-4	-7.5E-4	1.7E-3	-1.7E-3	4.3E-4	-1.6E-4
85	0.507	-0.476	0.852	-0.840	-0.064	-0.178	6.9E-4	-6.5E-4	1.7E-3	-1.7E-3	3.3E-4	-2.5E-4
86	0.529	-0.513	0.836	-0.829	-0.082	-0.199	3.3E-4	-2.9E-4	8.0E-4	-7.8E-4	3.3E-4	-2.6E-4
87	0.529	-0.513	0.844	-0.846	-0.077	-0.193	5.5E-4	-5.2E-4	2.3E-4	-1.5E-4	3.2E-4	-2.6E-4
88	0.529	-0.513	0.858	-0.873	-0.069	-0.187	6.0E-4	-5.9E-4	3.9E-4	-3.3E-4	3.3E-4	-2.6E-4
89	0.581	-0.579	0.931	-0.934	-0.150	-0.334	7.1E-4	-9.7E-4	1.7E-3	-2.1E-3	3.9E-4	-1.9E-4
90	0.598	-0.571	0.851	-0.838	0.076	-0.324	6.5E-4	-6.7E-4	9.5E-4	-1.1E-3	2.8E-4	-3.0E-4
91	0.593	-0.566	0.836	-0.829	-0.066	-0.219	9.3E-4	-1.1E-3	8.4E-4	-9.4E-4	3.0E-4	-2.9E-4
92	0.594	-0.566	0.878	-0.850	-0.083	-0.231	2.1E-3	-2.9E-3	7.9E-4	-8.3E-4	3.2E-4	-2.7E-4
93	0.594	-0.566	0.885	-0.885	-0.071	-0.259	7.5E-4	-1.5E-3	8.4E-4	-8.5E-4	3.5E-4	-2.3E-4
94	0.594	-0.565	0.904	-0.923	0.062	-0.397	1.2E-3	-1.6E-3	1.7E-3	-1.7E-3	3.1E-4	-2.7E-4
95	0.685	-0.679	0.928	-0.931	-0.062	-0.239	1.2E-3	-1.7E-3	1.8E-3	-2.5E-3	2.6E-4	-3.2E-4
96	0.691	-0.673	0.861	-0.851	-0.048	-0.241	1.5E-3	-1.6E-3	2.4E-3	-1.8E-3	2.8E-4	-3.0E-4
97	0.596	-0.572	0.867	-0.862	0.097	-0.334	2.7E-3	-2.8E-3	2.4E-3	-4.2E-5	2.6E-4	-3.2E-4
98	0.312	-0.337	0.872	-0.891	-0.062	-0.176	2.4E-3	-2.4E-3	4.7E-4	-3.9E-4	3.0E-4	-2.9E-4
99	0.736	-0.735	1.961	-1.968	-0.039	-0.308	1.5E-3	-1.3E-3	1.3E-3	-1.3E-3	6.6E-4	-7.8E-4
100	0.736	-0.735	1.856	-1.855	-0.038	-0.273	1.7E-3	-1.6E-3	7.6E-4	-6.8E-4	6.5E-4	-7.9E-4
101	0.736	-0.735	1.786	-1.760	-0.033	-0.267	1.6E-3	-1.4E-3	6.7E-4	-6.4E-4	6.7E-4	-7.8E-4
102	0.737	-0.734	1.777	-1.763	-0.025	-0.298	1.1E-3	-4.8E-4	4.2E-4	-4.5E-4	7.4E-4	-7.1E-4
103	0.738	-0.733	1.852	-1.878	-0.045	-0.283	1.3E-3	-7.7E-4	1.2E-3	-1.2E-3	7.3E-4	-7.1E-4
104	0.739	-0.732	1.972	-2.013	0.122	-0.468	1.3E-3	-9.3E-4	1.4E-3	-1.3E-3	6.8E-4	-7.7E-4
105	0.678	-0.741	1.961	-1.968	-0.107	-0.345	1.0E-3	-6.8E-4	1.2E-3	-1.2E-3	6.6E-4	-7.9E-4
106	0.679	-0.740	1.856	-1.855	-0.038	-0.268	7.3E-4	-6.1E-4	7.6E-4	-6.1E-4	6.5E-4	-7.9E-4
107	0.679	-0.740	1.786	-1.760	-0.014	-0.244	8.1E-4	-8.4E-4	9.7E-4	-8.5E-4	6.3E-4	-8.1E-4
108	0.651	-0.757	1.961	-1.968	-0.157	-0.393	8.4E-4	-7.6E-4	1.2E-3	-1.1E-3	6.5E-4	-8.0E-4
109	0.652	-0.756	1.856	-1.855	-0.028	-0.257	6.6E-4	-8.8E-4	7.8E-4	-5.4E-4	6.9E-4	-7.6E-4
110	0.652	-0.756	1.787	-1.761	-0.007	-0.235	4.7E-4	-4.7E-4	8.9E-4	-7.4E-4	7.0E-4	-7.5E-4
111	0.653	-0.755	1.777	-1.763	-0.065	-0.295	3.2E-4	-4.2E-4	6.4E-4	-5.2E-4	7.3E-4	-7.2E-4
112	0.653	-0.755	1.853	-1.878	-0.038	-0.268	5.2E-4	-6.3E-4	1.1E-3	-9.4E-4	7.2E-4	-7.3E-4
113	0.653	-0.755	1.972	-2.013	-0.043	-0.274	5.3E-4	-6.4E-4	1.2E-3	-1.0E-3	6.9E-4	-7.6E-4
114	0.636	-0.798	1.961	-1.968	-0.202	-0.440	8.5E-4	-6.8E-4	9.8E-4	-1.1E-3	6.8E-4	-7.6E-4
115	0.649	-0.784	1.784	-1.756	-0.014	-0.243	7.4E-4	-6.8E-4	1.3E-3	-7.9E-4	7.1E-4	-7.4E-4
116	0.694	-0.848	1.961	-1.968	-0.225	-0.463	7.9E-4	-7.3E-4	9.5E-4	-1.2E-3	7.2E-4	-7.2E-4
117	0.709	-0.833	1.784	-1.756	-0.020	-0.249	6.8E-4	-6.6E-4	1.3E-3	-8.0E-4	7.3E-4	-7.2E-4
118	0.711	-0.831	1.778	-1.762	-0.064	-0.294	3.5E-4	-2.8E-4	6.1E-4	-4.6E-4	7.5E-4	-6.9E-4
119	0.713	-0.830	1.853	-1.877	-0.042	-0.272	6.8E-4	-5.9E-4	1.1E-3	-8.0E-4	7.5E-4	-6.9E-4
120	0.713	-0.830	1.972	-2.013	-0.034	-0.265	7.1E-4	-7.2E-4	1.2E-3	-9.8E-4	7.4E-4	-7.1E-4
121	0.786	-0.946	1.961	-1.968	-0.231	-0.469	7.7E-4	-7.7E-4	1.0E-3	-1.2E-3	7.5E-4	-7.0E-4
122	0.800	-0.932	1.784	-1.756	-0.017	-0.246	6.9E-4	-6.7E-4	1.4E-3	-8.7E-4	7.5E-4	-6.9E-4
123	0.918	-1.025	1.961	-1.968	-0.224	-0.462	7.6E-4	-8.2E-4	1.1E-3	-1.4E-3	7.9E-4	-6.6E-4
124	0.932	-1.010	1.784	-1.756	-0.022	-0.250	7.0E-4	-6.7E-4	1.4E-3	-1.0E-3	7.6E-4	-6.8E-4
125	0.934	-1.008	1.782	-1.766	-0.056	-0.285	3.4E-4	-6.4E-4	1.1E-3	-9.3E-4	7.6E-4	-6.8E-4
126	0.935	-1.008	1.811	-1.810	-0.044	-0.272	5.7E-4	-6.2E-4	3.1E-4	-2.7E-4	7.9E-4	-6.5E-4
127	0.935	-1.007	1.850	-1.873	-0.054	-0.284	2.3E-4	-6.0E-4	7.5E-4	-6.8E-4	7.7E-4	-6.7E-4
128	0.936	-1.007	1.902	-1.929	-0.045	-0.274	1.1E-3	-4.7E-4	7.5E-4	-6.0E-4	7.4E-4	-7.0E-4
129	0.936	-1.006	1.972	-2.013	-0.010	-0.292	6.1E-4	-5.8E-4	1.3E-3	-1.2E-3	7.8E-4	-6.7E-4
130	1.032	-1.067	1.811	-1.810	-0.034	-0.264	1.9E-4	-2.4E-4	4.3E-4	-3.8E-4	8.1E-4	-6.4E-4
131	1.032	-1.067	1.852	-1.878	-0.028	-0.258	2.4E-4	-3.4E-4	5.0E-4	-4.2E-4	8.1E-4	-6.4E-4
132	1.083	-1.142	1.961	-1.968	-0.196	-0.433	7.7E-4	-9.2E-4	1.3E-3	-1.6E-3	8.3E-4	-6.1E-4
133	1.096	-1.128	1.784	-1.756	-0.024	-0.253	8.5E-4	-8.4E-4	1.6E-3	-1.2E-3	8.1E-4	-6.3E-4
134	1.185	-1.182	1.780	-1.762	-0.043	-0.275	3.6E-4	-3.7E-4	9.4E-4	-8.8E-4	8.2E-4	-6.3E-4
135	1.185	-1.182	1.811	-1.810	-0.034	-0.266	5.1E-4	-4.9E-4	3.4E-4	-2.3E-4	7.8E-4	-6.6E-4
136	1.185	-1.182	1.852	-1.878	-0.024	-0.256	5.7E-4	-5.7E-4	4.8E-4	-4.0E-4	8.0E-4	-6.4E-4
137	1.350	-1.305	1.961	-1.968	-0.139	-0.376	7.8E-4	-1.1E-3	1.7E-3	-1.9E-3	8.2E-4	-6.3E-4
138	1.362	-1.314	1.778	-1.754	0.062	-0.326	4.9E-4	-4.9E-4	1.0E-3	-1.1E-3	7.4E-4	-7.1E-4
139	1.351	-1.304	1.782	-1.766	-0.040	-0.275	7.7E-4	-9.1E-4	7.3E-4	-8.4E-4	7.8E-4	-6.6E-4
140	1.351	-1.304	1.858	-1.864	-0.055	-0.293	1.5E-3	-2.1E-3	9.3E-4	-9.7E-4	7.6E-4	-6.9E-4
141	1.351	-1.304	1.903	-1.929	-0.063	-0.303	6.3E-4	-1.3E-3	9.7E-4	-9.7E-4	7.8E-4	-6.7E-4
142	1.352	-1.304	1.972	-2.013	0.069	-0.419	1.0E-3	-1.4E-3	1.8E-3	-1.8E-3	7.7E-4	-6.8E-4
143	1.599	-1.557	1.954	-1.963	-0.036	-0.282	5.0E-4	-1.0E-3	1.2E-3	-1.9E-3	6.9E-4	-7.6E-4
144	1.593	-1.563	1.800	-1.783	-0.033	-0.271	7.0E-4	-7.6E-4	1.7E-3	-1.2E-3	6.9E-4	-7.5E-4
145	1.361	-1.315	1.820	-1.801	0.112	-0.362	1.8E-3	-1.8E-3	2.4E-3	-2.0E-5	6.9E-4	-7.5E-4
146	0.713	-0.830	1.892	-1.924	-0.017	-0.247	1.8E-3	-1.8E-3	6.4E-4	-4.7E-4	7.4E-4	-7.1E-4
147	1.105	-1.112	2.519	-2.506	-0.004	-0.352	9.0E-4	-6.3E-4	9.2E-4	-9.8E-4	1.0E-3	-1.1E-3
148	1.104	-1.113	2.359	-2.352	0.009	-0.331	9.3E-4	-7.6E-4	4.5E-4	-3.5E-4	9.9E-4	-1.1E-3
149	1.104	-1.113	2.256	-2.216	0.015	-0.324	9.5E-4	-6.0E-4	3.3E-4	-3.1E-4	1.0E-3	-1.1E-3
150	1.104	-1.113	2.267	-2.236	0.000	-0.341	9.3E-4	-4.3E-5	2.7E-4	-3.0E-4	1.1E-3	-1.0E-3
151	1.104	-1.113	2.382	-2.405	0.003	-0.341	9.7E-4	-1.9E-4	8.8E-4	-8.6E-4	1.1E-3	-1.1E-3

152	1.103	-1.114	2.563	-2.605	0.120	-0.473	8.8E-4	-3.7E-4	9.7E-4	-9.3E-4	1.0E-3	-1.1E-3
153	1.019	-1.095	2.519	-2.507	-0.058	-0.401	5.6E-4	-3.2E-4	8.8E-4	-9.3E-4	9.8E-4	-1.1E-3
154	1.017	-1.097	2.359	-2.352	0.005	-0.330	3.6E-4	-4.1E-4	5.1E-4	-2.8E-4	9.8E-4	-1.1E-3
155	1.017	-1.097	2.256	-2.216	0.032	-0.303	3.5E-4	-4.3E-4	7.3E-4	-5.0E-4	9.5E-4	-1.2E-3
156	0.963	-1.105	2.519	-2.507	-0.108	-0.449	4.8E-4	-2.0E-4	9.0E-4	-8.6E-4	9.8E-4	-1.1E-3
157	0.962	-1.106	2.359	-2.352	0.016	-0.319	4.2E-4	-4.7E-4	5.5E-4	-2.2E-4	1.0E-3	-1.1E-3
158	0.962	-1.106	2.257	-2.218	0.039	-0.295	2.3E-4	-2.1E-4	6.5E-4	-4.7E-4	1.0E-3	-1.1E-3
159	0.962	-1.106	2.266	-2.238	-0.028	-0.363	9.7E-5	-2.4E-4	3.9E-4	-2.8E-4	1.1E-3	-1.1E-3
160	0.963	-1.106	2.380	-2.407	0.004	-0.331	1.6E-4	-3.1E-4	7.7E-4	-6.7E-4	1.1E-3	-1.1E-3
161	0.963	-1.105	2.562	-2.607	0.003	-0.334	1.9E-4	-3.4E-4	9.0E-4	-7.9E-4	1.0E-3	-1.1E-3
162	0.942	-1.140	2.518	-2.508	-0.155	-0.498	3.9E-4	-2.0E-4	7.4E-4	-9.7E-4	1.0E-3	-1.1E-3
163	0.929	-1.153	2.254	-2.210	0.031	-0.303	3.1E-4	-2.3E-4	1.2E-3	-5.1E-4	1.0E-3	-1.1E-3
164	1.012	-1.190	2.517	-2.509	-0.178	-0.521	3.4E-4	-2.6E-4	7.4E-4	-9.9E-4	1.1E-3	-1.1E-3
165	1.000	-1.202	2.253	-2.210	0.024	-0.309	2.7E-4	-2.6E-4	1.2E-3	-5.2E-4	1.1E-3	-1.1E-3
166	1.002	-1.201	2.265	-2.238	-0.028	-0.363	1.9E-4	-1.7E-4	7.2E-4	-6.9E-4	1.1E-3	-1.0E-3
167	1.002	-1.200	2.379	-2.409	-0.002	-0.337	3.1E-4	-3.0E-4	9.0E-4	-6.1E-4	1.1E-3	-1.0E-3
168	1.003	-1.199	2.561	-2.608	0.014	-0.322	2.8E-4	-2.8E-4	9.4E-4	-7.9E-4	1.1E-3	-1.1E-3
169	1.135	-1.329	2.516	-2.510	-0.184	-0.528	3.1E-4	-3.0E-4	8.3E-4	-1.1E-3	1.1E-3	-1.0E-3
170	1.121	-1.342	2.253	-2.210	0.028	-0.306	2.7E-4	-2.6E-4	1.3E-3	-6.0E-4	1.1E-3	-1.0E-3
171	1.330	-1.436	2.515	-2.511	-0.177	-0.520	3.0E-4	-3.7E-4	8.9E-4	-1.2E-3	1.1E-3	-9.8E-4
172	1.318	-1.448	2.253	-2.210	0.023	-0.311	3.0E-4	-2.7E-4	1.3E-3	-7.3E-4	1.1E-3	-1.0E-3
173	1.321	-1.446	2.270	-2.245	-0.018	-0.352	1.8E-4	-4.1E-4	9.1E-4	-7.7E-4	1.1E-3	-1.0E-3
174	1.321	-1.445	2.314	-2.309	-0.002	-0.336	3.1E-4	-3.7E-4	2.6E-4	-2.1E-4	1.2E-3	-9.6E-4
175	1.322	-1.444	2.374	-2.402	-0.017	-0.351	1.3E-4	-4.8E-4	6.5E-4	-5.9E-4	1.1E-3	-9.8E-4
176	1.322	-1.444	2.445	-2.494	-0.005	-0.339	8.4E-4	-1.9E-4	6.5E-4	-5.0E-4	1.1E-3	-1.0E-3
177	1.323	-1.444	2.560	-2.609	0.009	-0.326	2.8E-4	-2.4E-4	1.1E-3	-9.4E-4	1.1E-3	-1.0E-3
178	1.463	-1.527	2.314	-2.309	0.010	-0.325	2.0E-4	-2.6E-4	4.1E-4	-3.7E-4	1.2E-3	-9.3E-4
179	1.463	-1.527	2.377	-2.410	0.016	-0.319	2.2E-4	-3.6E-4	4.7E-4	-3.9E-4	1.2E-3	-9.4E-4
180	1.557	-1.617	2.514	-2.512	-0.149	-0.491	2.1E-4	-4.3E-4	1.1E-3	-1.4E-3	1.2E-3	-9.5E-4
181	1.544	-1.630	2.253	-2.210	0.020	-0.314	3.7E-4	-3.3E-4	1.5E-3	-8.8E-4	1.2E-3	-9.3E-4
182	1.689	-1.694	2.268	-2.239	0.000	-0.337	2.4E-4	-3.5E-4	6.7E-4	-6.7E-4	1.2E-3	-9.2E-4
183	1.688	-1.694	2.314	-2.309	0.010	-0.327	4.0E-4	-3.7E-4	4.0E-4	-2.8E-4	1.1E-3	-9.8E-4
184	1.688	-1.694	2.377	-2.410	0.020	-0.318	4.3E-4	-4.1E-4	4.4E-4	-3.7E-4	1.2E-3	-9.4E-4
185	1.943	-1.861	2.513	-2.513	-0.090	-0.433	6.2E-4	-8.5E-4	1.4E-3	-1.6E-3	1.2E-3	-9.1E-4
186	1.952	-1.883	2.243	-2.209	0.044	-0.312	4.2E-4	-6.4E-4	1.0E-3	-1.2E-3	1.1E-3	-9.9E-4
187	1.936	-1.869	2.270	-2.245	0.005	-0.335	5.7E-4	-6.9E-4	5.3E-4	-6.4E-4	1.2E-3	-9.6E-4
188	1.935	-1.870	2.368	-2.408	-0.010	-0.353	7.3E-4	-1.4E-3	7.5E-4	-8.0E-4	1.1E-3	-1.0E-3
189	1.934	-1.870	2.445	-2.494	-0.018	-0.363	2.6E-4	-9.5E-4	7.9E-4	-7.7E-4	1.1E-3	-1.0E-3
190	1.934	-1.871	2.558	-2.610	0.071	-0.426	4.5E-4	-7.8E-4	1.4E-3	-1.4E-3	1.1E-3	-1.0E-3
191	1.953	-1.881	2.308	-2.274	0.096	-0.350	1.1E-3	-1.1E-3	1.9E-3	-2.0E-4	1.0E-3	-1.1E-3
192	1.002	-1.200	2.439	-2.477	0.030	-0.305	9.0E-4	-9.1E-4	5.2E-4	-3.2E-4	1.1E-3	-1.0E-3
193	1.371	-1.573	2.501	-2.478	0.016	-0.409	1.0E-3	-4.0E-4	1.0E-3	-8.7E-4	1.4E-3	-1.3E-3
194	1.372	-1.572	2.632	-2.653	0.037	-0.388	1.7E-3	5.3E-4	7.1E-4	-1.2E-3	1.4E-3	-1.3E-3
195	1.545	-1.686	2.505	-2.486	0.022	-0.402	3.7E-4	-2.7E-4	5.6E-4	-5.4E-4	1.4E-3	-1.3E-3
196	1.545	-1.686	2.622	-2.649	0.020	-0.404	-7.6E-5	-7.0E-4	3.6E-4	-4.5E-4	1.4E-3	-1.3E-3
197	1.544	-1.687	2.704	-2.770	0.037	-0.388	5.4E-4	-2.7E-4	7.2E-4	-5.4E-4	1.5E-3	-1.2E-3
198	1.665	-1.742	2.569	-2.533	0.053	-0.372	3.3E-4	-2.7E-4	3.8E-4	-3.5E-4	1.5E-3	-1.2E-3
199	1.665	-1.742	2.626	-2.659	0.058	-0.367	2.4E-4	-3.2E-4	3.9E-4	-3.3E-4	1.5E-3	-1.2E-3
200	1.927	-1.926	2.569	-2.533	0.053	-0.374	2.7E-4	-2.9E-4	3.1E-4	-3.0E-4	1.5E-3	-1.2E-3
201	1.927	-1.926	2.625	-2.659	0.057	-0.370	2.9E-4	-1.4E-4	3.5E-4	-2.9E-4	1.5E-3	-1.2E-3
202	2.218	-2.140	2.505	-2.486	0.047	-0.383	1.2E-4	-6.5E-4	5.6E-4	-6.2E-4	1.5E-3	-1.2E-3
203	2.217	-2.140	2.621	-2.650	0.034	-0.399	4.2E-4	-2.1E-4	3.7E-4	-4.4E-4	1.5E-3	-1.2E-3
204	2.217	-2.140	2.703	-2.772	0.025	-0.410	2.3E-4	-5.3E-4	6.7E-4	-7.6E-4	1.5E-3	-1.2E-3
205	1.420	-1.588	2.498	-2.475	-0.061	-0.485	2.4E-4	-3.3E-4	7.6E-4	-4.6E-4	1.4E-3	-1.3E-3
206	1.420	-1.588	2.633	-2.658	-0.362	-0.787	3.0E-4	-3.0E-4	-2.9E-3	-4.1E-3	1.4E-3	-1.3E-3
207	0.115	-0.113	0.198	-0.197	-0.052	-0.174	2.2E-4	-1.5E-4	4.1E-4	4.2E-5	5.7E-5	-5.3E-5
208	0.102	-0.100	0.196	-0.196	-0.047	-0.143	2.4E-4	-9.7E-5	3.0E-4	3.6E-5	4.0E-5	-3.9E-5
209	0.088	-0.087	0.195	-0.195	-0.044	-0.121	2.4E-4	-8.2E-5	1.9E-4	6.2E-6	3.6E-5	-3.5E-5
210	0.075	-0.073	0.194	-0.194	-0.043	-0.111	2.5E-4	-1.1E-4	9.9E-5	-4.3E-5	3.3E-5	-3.2E-5
211	0.065	-0.064	0.193	-0.193	-0.043	-0.112	2.8E-4	-1.5E-4	3.8E-5	-1.2E-4	3.1E-5	-3.0E-5
212	0.065	-0.064	0.191	-0.191	-0.044	-0.125	3.1E-4	-2.0E-4	1.6E-5	-2.3E-4	2.9E-5	-2.8E-5
213	0.065	-0.064	0.189	-0.189	-0.045	-0.148	3.5E-4	-2.4E-4	2.2E-5	-3.4E-4	3.0E-5	-2.9E-5
214	0.065	-0.064	0.186	-0.186	-0.047	-0.179	3.8E-4	-2.8E-4	4.8E-5	-4.4E-4	3.2E-5	-3.1E-5
215	0.063	-0.062	0.171	-0.171	-0.063	-0.180	4.1E-4	-3.0E-4	5.9E-5	-4.5E-4	3.4E-5	-3.2E-5
216	0.061	-0.060	0.159	-0.160	-0.070	-0.156	3.7E-4	-2.9E-4	4.9E-5	-4.0E-4	5.0E-5	-4.8E-5
217	0.060	-0.058	0.149	-0.149	-0.059	-0.154	3.2E-4	-2.6E-4	7.6E-5	-3.8E-4	9.6E-5	-9.4E-5
218	0.057	-0.056	0.148	-0.147	-0.056	-0.148	2.4E-4	-4.7E-5	2.1E-4	-2.0E-4	1.3E-8	-1.3E-8
219	0.057	-0.056	0.151	-0.151	-0.070	-0.131	1.4E-4	-5.7E-5	2.0E-4	-2.0E-4	5.0E-9	-5.0E-9
220	0.057	-0.056	0.153	-0.153	-0.071	-0.132	1.3E-4	-7.4E-5	1.3E-4	-2.0E-4	2.1E-8	-2.1E-8
221	0.057	-0.056	0.155	-0.155	-0.067	-0.148	1.7E-4	-9.9E-5	3.5E-5	-2.0E-4	9.0E-9	-9.0E-9
222	0.057	-0.056	0.156	-0.156	-0.064	-0.171	2.5E-4	-1.3E-4	8.6E-6	-2.4E-4	7.8E-9	-7.8E-9
223	0.059	-0.057	0.156	-0.156	-0.063	-0.191	3.4E-4	-1.6E-4	6.5E-5	-1.7E-4	7.0E-9	-7.0E-9

224	0.058	-0.057	0.156	-0.156	-0.065	-0.195	3.3E-4	-1.3E-4	1.2E-4	-1.6E-4	8.1E-9	-8.1E-9
225	0.059	-0.058	0.156	-0.156	-0.067	-0.198	3.2E-4	-9.2E-5	5.7E-5	-1.2E-4	5.2E-9	-5.2E-9
226	0.072	-0.070	0.157	-0.157	-0.070	-0.202	3.3E-4	-6.8E-5	4.8E-5	-1.1E-4	1.7E-9	-1.7E-9
227	0.084	-0.083	0.157	-0.157	-0.070	-0.208	3.6E-4	-5.6E-5	1.5E-4	-2.0E-4	5.9E-0	-5.9E-0
228	0.097	-0.096	0.157	-0.157	-0.066	-0.216	4.0E-4	-5.8E-5	2.3E-4	-2.8E-4	6.3E-0	-6.3E-0
229	0.110	-0.109	0.157	-0.157	-0.060	-0.227	4.5E-4	-7.1E-5	3.3E-4	-3.7E-4	6.5E-0	-6.5E-0
230	0.124	-0.123	0.157	-0.158	-0.032	-0.259	4.8E-4	-8.7E-5	3.9E-4	-4.6E-4	3.9E-1	-3.9E-1
231	0.138	-0.136	0.157	-0.158	0.006	-0.306	5.1E-4	-1.1E-4	4.6E-4	-5.8E-4	6.3E-0	-6.3E-0
232	0.151	-0.150	0.144	-0.145	0.038	-0.314	5.5E-4	-1.8E-4	4.5E-4	-5.9E-4	4.1E-5	-4.1E-5
233	0.152	-0.150	0.131	-0.132	0.023	-0.270	4.5E-4	-1.7E-4	3.8E-4	-5.2E-4	3.8E-5	-3.7E-5
234	0.152	-0.151	0.119	-0.119	0.010	-0.238	3.1E-4	-1.6E-4	3.2E-4	-4.6E-4	3.6E-5	-3.6E-5
235	0.152	-0.151	0.106	-0.106	0.000	-0.219	1.7E-4	-1.4E-4	2.9E-4	-4.3E-4	3.5E-5	-3.4E-5
236	0.152	-0.151	0.094	-0.094	-0.007	-0.213	7.4E-5	-1.2E-4	2.7E-4	-4.2E-4	3.3E-5	-3.3E-5
237	0.153	-0.152	0.082	-0.082	-0.009	-0.216	3.4E-5	-1.0E-4	2.8E-4	-4.2E-4	3.1E-5	-3.0E-5
238	0.154	-0.153	0.058	-0.058	-0.014	-0.214	1.3E-4	-7.3E-5	2.5E-4	-4.1E-4	3.6E-5	-3.6E-5
239	0.154	-0.153	0.047	-0.047	-0.019	-0.204	1.4E-4	-8.6E-5	2.2E-4	-3.9E-4	3.4E-5	-3.4E-5
240	0.154	-0.153	0.045	-0.046	-0.024	-0.195	1.2E-4	-9.8E-5	1.9E-4	-3.8E-4	3.4E-5	-3.3E-5
241	0.154	-0.153	0.045	-0.046	-0.029	-0.190	7.9E-5	-1.1E-4	1.7E-4	-3.7E-4	3.3E-5	-3.3E-5
242	0.154	-0.153	0.046	-0.046	-0.033	-0.190	4.1E-5	-1.1E-4	1.7E-4	-3.6E-4	3.3E-5	-3.2E-5
243	0.154	-0.153	0.046	-0.046	-0.037	-0.192	2.7E-5	-9.0E-5	1.7E-4	-3.6E-4	3.2E-5	-3.0E-5
244	0.154	-0.153	0.046	-0.047	-0.046	-0.183	1.3E-4	-6.6E-5	1.4E-4	-3.4E-4	3.7E-5	-3.7E-5
245	0.153	-0.153	0.047	-0.047	-0.051	-0.171	1.5E-4	-8.3E-5	1.0E-4	-3.2E-4	3.6E-5	-3.6E-5
246	0.153	-0.152	0.047	-0.047	-0.055	-0.163	1.4E-4	-1.1E-4	7.6E-5	-3.1E-4	3.7E-5	-3.6E-5
247	0.153	-0.152	0.053	-0.054	-0.058	-0.160	1.2E-4	-1.3E-4	6.4E-5	-3.1E-4	3.8E-5	-3.7E-5
248	0.153	-0.152	0.064	-0.065	-0.058	-0.162	9.9E-5	-1.5E-4	6.5E-5	-3.2E-4	3.8E-5	-3.7E-5
249	0.152	-0.152	0.076	-0.076	-0.056	-0.170	9.6E-5	-1.5E-4	7.7E-5	-3.3E-4	3.9E-5	-3.7E-5
250	0.152	-0.151	0.099	-0.099	-0.041	-0.182	2.1E-4	-1.4E-4	1.1E-4	-3.6E-4	4.4E-5	-4.5E-5
251	0.152	-0.151	0.110	-0.111	-0.027	-0.192	2.6E-4	-2.2E-4	1.3E-4	-3.8E-4	4.6E-5	-4.6E-5
252	0.151	-0.151	0.122	-0.123	-0.009	-0.210	3.0E-4	-3.5E-4	1.7E-4	-4.0E-4	4.8E-5	-4.8E-5
253	0.151	-0.151	0.134	-0.135	0.016	-0.245	3.5E-4	-5.3E-4	2.3E-4	-4.3E-4	5.1E-5	-5.0E-5
254	0.151	-0.151	0.146	-0.147	0.048	-0.297	4.0E-4	-7.0E-4	2.9E-4	-4.6E-4	5.4E-5	-5.2E-5
255	0.152	-0.152	0.159	-0.159	0.083	-0.363	4.4E-4	-8.3E-4	3.6E-4	-4.8E-4	5.8E-5	-5.5E-5
256	0.137	-0.138	0.172	-0.172	0.080	-0.389	3.8E-4	-8.5E-4	4.2E-4	-4.9E-4	4.9E-5	-4.7E-5
257	0.123	-0.123	0.172	-0.172	0.038	-0.342	3.1E-4	-8.2E-4	4.2E-4	-4.9E-4	4.6E-5	-4.5E-5
258	0.109	-0.109	0.172	-0.172	-0.003	-0.295	2.8E-4	-7.9E-4	4.2E-4	-4.8E-4	4.3E-5	-4.2E-5
259	0.095	-0.095	0.172	-0.172	-0.043	-0.249	2.3E-4	-7.4E-4	4.2E-4	-4.7E-4	4.0E-5	-4.0E-5
260	0.069	-0.069	0.172	-0.173	-0.070	-0.214	1.7E-4	-6.5E-4	4.2E-4	-4.6E-4	3.8E-5	-3.8E-5
261	0.057	-0.056	0.172	-0.173	-0.059	-0.220	1.9E-4	-6.6E-4	3.9E-4	-4.5E-4	3.8E-5	-3.8E-5
262	0.049	-0.049	0.173	-0.173	-0.039	-0.233	2.0E-4	-6.4E-4	3.0E-4	-3.9E-4	3.8E-5	-3.8E-5
263	0.047	-0.046	0.172	-0.172	-0.006	-0.247	1.7E-4	-5.4E-4	4.5E-5	-1.5E-4	3.3E-5	-3.2E-5
264	0.045	-0.045	0.172	-0.172	-0.014	-0.231	1.7E-4	-5.0E-4	1.5E-4	-2.2E-4	3.2E-5	-3.1E-5
265	0.044	-0.044	0.172	-0.172	-0.028	-0.211	1.5E-4	-4.4E-4	1.8E-4	-2.2E-4	3.1E-5	-3.1E-5
266	0.043	-0.042	0.171	-0.171	-0.054	-0.179	1.0E-4	-3.5E-4	1.4E-4	-1.8E-4	3.0E-5	-3.0E-5
267	0.042	-0.041	0.171	-0.171	-0.062	-0.169	7.8E-5	-3.1E-4	1.3E-4	-1.4E-4	3.0E-5	-3.0E-5
268	0.051	-0.049	0.170	-0.170	-0.065	-0.166	5.6E-5	-2.8E-4	1.2E-4	-1.0E-4	3.0E-5	-3.0E-5
269	0.062	-0.060	0.170	-0.170	-0.067	-0.166	5.7E-5	-2.6E-4	1.0E-4	-7.5E-5	3.1E-5	-3.1E-5
270	0.085	-0.083	0.170	-0.170	-0.064	-0.170	6.7E-5	-2.8E-4	6.9E-5	-7.3E-5	3.1E-5	-3.1E-5
271	0.097	-0.095	0.170	-0.170	-0.060	-0.176	7.5E-5	-3.1E-4	1.2E-4	-8.0E-5	3.3E-5	-3.3E-5
272	0.109	-0.107	0.170	-0.170	-0.054	-0.188	9.3E-5	-3.5E-4	2.0E-4	-7.8E-5	3.5E-5	-3.6E-5
273	0.122	-0.120	0.170	-0.170	-0.049	-0.209	1.3E-4	-3.8E-4	2.9E-4	-7.1E-5	4.0E-5	-4.2E-5
274	0.135	-0.133	0.171	-0.171	-0.044	-0.238	2.0E-4	-3.8E-4	3.7E-4	-6.5E-5	5.1E-5	-5.7E-5
275	0.148	-0.146	0.156	-0.157	-0.056	-0.220	4.4E-5	-6.0E-4	3.6E-4	-2.8E-5	1.6E-8	-1.6E-8
276	0.148	-0.146	0.142	-0.143	-0.053	-0.162	-2.8E-5	-5.5E-4	2.0E-4	-5.0E-5	2.1E-9	-2.1E-9
277	0.148	-0.146	0.128	-0.129	-0.046	-0.115	-4.9E-5	-4.2E-4	8.3E-5	-6.9E-5	1.6E-8	-1.6E-8
278	0.148	-0.146	0.115	-0.115	-0.040	-0.079	-4.9E-5	-2.9E-4	2.3E-6	-8.5E-5	2.2E-8	-2.2E-8
279	0.148	-0.147	0.102	-0.102	-0.035	-0.056	-3.8E-5	-1.8E-4	-4.6E-5	-9.6E-5	2.1E-8	-2.1E-8
280	0.148	-0.147	0.090	-0.090	-0.031	-0.043	-2.7E-5	-1.1E-4	-6.3E-5	-1.0E-4	1.8E-8	-1.8E-8
281	0.148	-0.147	0.077	-0.077	-0.028	-0.036	-2.0E-5	-6.5E-5	-6.5E-5	-1.0E-4	6.5E-9	-6.5E-9
282	0.148	-0.147	0.065	-0.065	-0.025	-0.032	-1.1E-5	-4.1E-5	-5.6E-5	-9.7E-5	8.9E-9	-8.9E-9
283	0.148	-0.147	0.053	-0.053	-0.024	-0.030	-8.2E-7	-2.8E-5	-4.5E-5	-8.2E-5	1.2E-8	-1.2E-8
284	0.148	-0.147	0.042	-0.042	-0.025	-0.028	6.6E-6	-1.9E-5	-3.4E-5	-6.6E-5	2.2E-8	-2.2E-8
285	0.148	-0.147	0.042	-0.042	-0.025	-0.028	9.8E-6	-9.0E-6	-2.5E-5	-5.1E-5	5.0E-9	-5.0E-9
286	0.148	-0.147	0.042	-0.042	-0.025	-0.029	1.0E-5	-1.3E-6	-1.8E-5	-3.9E-5	1.3E-8	-1.3E-8
287	0.148	-0.147	0.042	-0.042	-0.026	-0.030	9.9E-6	2.7E-6	-1.3E-5	-3.0E-5	1.1E-9	-1.1E-9
288	0.148	-0.146	0.042	-0.042	-0.026	-0.031	1.1E-5	1.3E-6	-8.8E-6	-2.4E-5	1.6E-9	-1.6E-9
289	0.147	-0.146	0.041	-0.041	-0.026	-0.032	1.0E-5	-1.9E-6	-5.0E-6	-2.1E-5	2.3E-8	-2.3E-8
290	0.147	-0.146	0.041	-0.041	-0.026	-0.032	8.8E-6	-5.3E-6	-1.8E-6	-2.0E-5	8.4E-9	-8.4E-9
291	0.147	-0.145	0.042	-0.042	-0.026	-0.033	6.4E-6	-7.9E-6	1.4E-6	-2.0E-5	1.3E-8	-1.3E-8
292	0.146	-0.145	0.054	-0.054	-0.025	-0.034	4.0E-6	-8.7E-6	5.0E-6	-2.2E-5	2.2E-8	-2.2E-8
293	0.146	-0.144	0.067	-0.067	-0.024	-0.034	3.2E-6	-6.9E-6	9.1E-6	-2.6E-5	1.7E-8	-1.7E-8
294	0.145	-0.144	0.079	-0.079	-0.024	-0.034	8.8E-6	-4.1E-6	1.5E-5	-3.0E-5	1.9E-8	-1.9E-8
295	0.144	-0.143	0.092	-0.092	-0.026	-0.034	2.6E-5	-2.0E-6	2.2E-5	-3.3E-5	1.7E-8	-1.7E-8

296	0.143	-0.142	0.105	-0.104	-0.029	-0.035	5.5E-5	4.9E-6	3.1E-5	-3.3E-5	5.1E-9	-5.1E-9
297	0.141	-0.140	0.118	-0.117	-0.034	-0.038	1.0E-4	1.6E-5	4.2E-5	-2.7E-5	2.3E-9	-2.3E-9
298	0.140	-0.138	0.131	-0.131	-0.037	-0.051	1.6E-4	3.4E-5	5.9E-5	-1.0E-5	3.6E-9	-3.6E-9
299	0.137	-0.136	0.144	-0.144	-0.042	-0.071	2.4E-4	5.9E-5	8.3E-5	2.2E-5	6.8E-9	-6.8E-9
300	0.135	-0.134	0.158	-0.158	-0.050	-0.101	3.4E-4	7.3E-5	1.4E-4	4.8E-5	6.1E-9	-6.1E-9
301	0.133	-0.131	0.172	-0.171	-0.059	-0.138	4.2E-4	6.4E-5	2.5E-4	6.8E-5	1.3E-8	-1.3E-8
302	0.130	-0.129	0.185	-0.184	-0.066	-0.182	4.5E-4	1.9E-5	3.9E-4	8.0E-5	6.1E-9	-6.1E-9
303	0.072	-0.071	0.159	-0.159	-0.072	-0.149	5.8E-5	-2.3E-4	5.6E-5	-4.8E-5	3.6E-5	-3.6E-5
304	0.072	-0.071	0.148	-0.147	-0.076	-0.133	6.2E-5	-1.8E-4	4.5E-5	-3.3E-5	3.6E-5	-3.6E-5
305	0.072	-0.071	0.137	-0.136	-0.080	-0.121	7.1E-5	-1.5E-4	5.3E-5	-2.5E-5	3.6E-5	-3.5E-5
306	0.042	-0.042	0.160	-0.160	-0.053	-0.164	1.3E-4	-3.7E-4	1.4E-4	-1.5E-4	3.9E-5	-3.8E-5
307	0.041	-0.040	0.149	-0.149	-0.063	-0.138	1.3E-4	-3.2E-4	1.1E-4	-1.1E-4	3.9E-5	-3.9E-5
308	0.040	-0.039	0.138	-0.138	-0.071	-0.118	1.3E-4	-2.5E-4	8.1E-5	-7.3E-5	4.1E-5	-4.0E-5
309	0.046	-0.045	0.160	-0.160	-0.027	-0.202	1.5E-4	-5.2E-4	6.9E-5	-1.4E-4	5.6E-5	-5.4E-5
310	0.043	-0.043	0.147	-0.147	-0.039	-0.161	1.4E-4	-4.2E-4	3.8E-5	-8.2E-5	4.8E-5	-4.7E-5
311	0.041	-0.041	0.135	-0.134	-0.050	-0.130	1.3E-4	-2.9E-4	2.4E-5	-4.6E-5	4.5E-5	-4.4E-5
312	0.040	-0.039	0.122	-0.122	-0.060	-0.110	1.2E-4	-1.7E-4	2.0E-5	-3.1E-5	4.4E-5	-4.3E-5
313	0.038	-0.037	0.110	-0.110	-0.067	-0.102	1.1E-4	-8.0E-5	3.4E-5	-4.3E-5	4.2E-5	-4.2E-5
314	0.037	-0.036	0.099	-0.099	-0.073	-0.101	9.2E-5	-2.5E-5	4.4E-5	-5.3E-5	4.1E-5	-4.1E-5
315	0.081	-0.081	0.159	-0.160	-0.075	-0.171	9.5E-5	-5.5E-4	3.3E-4	-3.6E-4	5.7E-5	-5.7E-5
316	0.081	-0.081	0.147	-0.147	-0.081	-0.129	5.4E-5	-4.1E-4	2.5E-4	-2.7E-4	5.2E-5	-5.2E-5
317	0.081	-0.081	0.134	-0.135	-0.082	-0.103	4.1E-5	-2.6E-4	1.9E-4	-1.9E-4	4.9E-5	-4.9E-5
318	0.081	-0.081	0.122	-0.122	-0.081	-0.092	4.7E-5	-1.3E-4	1.4E-4	-1.4E-4	4.7E-5	-4.6E-5
319	0.082	-0.081	0.110	-0.110	-0.076	-0.094	6.1E-5	-3.7E-5	1.1E-4	-9.8E-5	4.5E-5	-4.4E-5
320	0.082	-0.081	0.098	-0.099	-0.076	-0.099	6.1E-5	4.6E-6	9.2E-5	-7.4E-5	4.4E-5	-4.3E-5
321	0.061	-0.059	0.126	-0.126	-0.083	-0.107	6.8E-5	-1.4E-4	7.6E-5	2.4E-6	3.0E-5	-3.0E-5
322	0.050	-0.048	0.126	-0.126	-0.080	-0.104	6.4E-5	-1.4E-4	5.0E-5	8.6E-7	3.0E-5	-3.0E-5
323	0.039	-0.038	0.127	-0.126	-0.078	-0.103	6.4E-5	-1.5E-4	3.9E-5	-2.1E-5	3.0E-5	-3.1E-5
324	0.039	-0.038	0.127	-0.127	-0.077	-0.104	8.0E-5	-1.7E-4	3.6E-5	-4.0E-5	3.0E-5	-3.0E-5
325	0.072	-0.070	0.115	-0.115	-0.088	-0.102	5.8E-5	-1.4E-4	5.3E-5	-3.0E-5	3.6E-5	-3.7E-5
326	0.072	-0.070	0.105	-0.105	-0.086	-0.099	5.7E-5	-1.2E-4	4.5E-5	-3.7E-5	3.6E-5	-3.6E-5
327	0.072	-0.071	0.094	-0.094	-0.079	-0.102	5.9E-5	-9.8E-5	5.9E-5	-3.4E-5	3.8E-5	-3.6E-5
328	0.037	-0.035	0.097	-0.096	-0.071	-0.100	5.1E-5	-4.6E-5	1.6E-5	-2.3E-5	3.9E-5	-3.8E-5
329	0.037	-0.036	0.107	-0.107	-0.074	-0.098	5.4E-5	-8.0E-5	2.9E-5	-2.5E-5	3.8E-5	-3.8E-5
330	0.038	-0.037	0.117	-0.117	-0.078	-0.097	6.7E-5	-1.3E-4	4.1E-5	-3.1E-5	3.8E-5	-3.8E-5
331	0.061	-0.059	0.085	-0.085	-0.069	-0.100	4.3E-6	-8.7E-5	9.0E-5	-1.9E-5	3.0E-5	-3.1E-5
332	0.049	-0.048	0.086	-0.085	-0.069	-0.097	6.3E-6	-6.8E-5	5.4E-5	-3.6E-5	3.1E-5	-3.1E-5
333	0.038	-0.037	0.086	-0.086	-0.069	-0.097	1.5E-5	-5.1E-5	2.6E-5	-4.9E-5	3.1E-5	-3.1E-5
334	0.036	-0.035	0.086	-0.086	-0.069	-0.100	2.8E-5	-3.8E-5	6.6E-6	-4.7E-5	3.1E-5	-3.1E-5
335	0.036	-0.035	0.087	-0.086	-0.073	-0.100	3.9E-5	-2.1E-5	5.1E-5	-5.8E-5	3.1E-5	-3.1E-5
336	0.036	-0.035	0.087	-0.087	-0.078	-0.095	4.3E-5	-2.2E-5	7.1E-5	-9.3E-5	3.3E-5	-3.3E-5
337	0.036	-0.035	0.087	-0.087	-0.080	-0.097	4.6E-5	-2.4E-5	6.4E-5	-9.9E-5	3.3E-5	-3.3E-5
338	0.035	-0.034	0.077	-0.077	-0.070	-0.103	2.5E-5	-1.2E-5	2.5E-7	-3.0E-5	3.8E-5	-3.7E-5
339	0.034	-0.033	0.067	-0.067	-0.071	-0.103	4.1E-5	-1.1E-5	-5.2E-6	-3.5E-5	3.7E-5	-3.7E-5
340	0.034	-0.032	0.057	-0.057	-0.073	-0.104	5.1E-5	-6.9E-6	-1.6E-6	-4.5E-5	3.9E-5	-3.7E-5
341	0.045	-0.045	0.087	-0.087	-0.074	-0.104	3.9E-5	-2.2E-5	3.8E-5	-2.5E-5	3.5E-5	-3.5E-5
342	0.058	-0.057	0.087	-0.087	-0.073	-0.104	3.1E-5	-1.6E-5	2.2E-5	-2.6E-5	3.7E-5	-3.6E-5
343	0.070	-0.069	0.087	-0.087	-0.075	-0.104	2.3E-5	-8.7E-6	3.6E-5	-5.2E-5	3.8E-5	-3.7E-5
344	0.035	-0.034	0.076	-0.076	-0.077	-0.100	8.1E-6	-4.5E-5	5.6E-5	-6.0E-5	3.9E-5	-3.8E-5
345	0.034	-0.033	0.064	-0.064	-0.076	-0.098	1.1E-5	-4.4E-5	6.1E-5	-5.9E-5	3.8E-5	-3.7E-5
346	0.034	-0.033	0.053	-0.053	-0.076	-0.097	3.5E-5	-3.0E-5	6.4E-5	-5.5E-5	3.7E-5	-3.6E-5
347	0.034	-0.033	0.042	-0.042	-0.076	-0.100	6.8E-5	-1.7E-5	6.4E-5	-5.5E-5	3.6E-5	-3.6E-5
348	0.034	-0.033	0.033	-0.032	-0.076	-0.105	8.9E-5	-4.6E-6	6.1E-5	-5.6E-5	3.6E-5	-3.5E-5
349	0.034	-0.033	0.033	-0.033	-0.077	-0.112	8.0E-5	6.0E-7	5.6E-5	-5.7E-5	3.6E-5	-3.5E-5
350	0.096	-0.095	0.087	-0.087	-0.075	-0.100	3.4E-5	-2.2E-5	9.7E-5	-6.3E-5	3.8E-5	-3.8E-5
351	0.109	-0.109	0.087	-0.087	-0.073	-0.102	5.1E-5	-3.9E-5	8.6E-5	-1.3E-4	4.0E-5	-4.0E-5
352	0.123	-0.123	0.087	-0.087	-0.066	-0.119	7.4E-5	-6.3E-5	7.2E-5	-2.2E-4	4.1E-5	-4.1E-5
353	0.138	-0.137	0.087	-0.087	-0.059	-0.144	1.0E-4	-9.1E-5	7.1E-5	-3.1E-4	4.3E-5	-4.2E-5
354	0.082	-0.081	0.075	-0.076	-0.075	-0.102	-3.5E-6	-4.5E-5	6.9E-5	-5.0E-5	3.9E-5	-3.8E-5
355	0.082	-0.082	0.064	-0.064	-0.075	-0.098	1.5E-5	-5.4E-5	6.2E-5	-4.6E-5	3.8E-5	-3.8E-5
356	0.083	-0.082	0.053	-0.053	-0.074	-0.097	4.5E-5	-3.5E-5	6.1E-5	-4.9E-5	3.7E-5	-3.7E-5
357	0.083	-0.082	0.042	-0.042	-0.075	-0.100	7.4E-5	-4.1E-6	6.5E-5	-6.0E-5	3.7E-5	-3.6E-5
358	0.083	-0.082	0.037	-0.038	-0.078	-0.104	8.8E-5	2.3E-5	7.5E-5	-7.9E-5	3.6E-5	-3.6E-5
359	0.083	-0.082	0.037	-0.038	-0.082	-0.111	7.1E-5	3.1E-5	8.9E-5	-1.0E-4	3.7E-5	-3.6E-5
360	0.033	-0.031	0.038	-0.038	-0.078	-0.103	4.6E-5	-4.2E-5	-1.5E-5	-5.5E-5	3.3E-5	-3.4E-5
361	0.033	-0.031	0.031	-0.031	-0.080	-0.102	5.3E-5	-3.9E-5	-2.7E-5	-5.6E-5	3.5E-5	-3.5E-5
362	0.032	-0.031	0.031	-0.031	-0.082	-0.101	5.2E-5	-2.8E-5	-2.5E-5	-5.8E-5	3.7E-5	-3.6E-5
363	0.032	-0.031	0.030	-0.030	-0.084	-0.103	3.2E-5	-2.7E-5	3.8E-5	-5.9E-5	3.2E-5	-3.1E-5
364	0.032	-0.031	0.030	-0.030	-0.082	-0.107	3.0E-5	-2.3E-5	6.0E-5	-8.4E-5	3.2E-5	-3.2E-5
365	0.032	-0.031	0.031	-0.031	-0.079	-0.112	2.6E-5	-1.7E-5	5.8E-5	-8.8E-5	3.3E-5	-3.3E-5
366	0.033	-0.031	0.031	-0.031	-0.082	-0.101	1.7E-5	-3.8E-5	-2.6E-5	-6.3E-5	3.1E-5	-3.2E-5
367	0.033	-0.032	0.031	-0.031	-0.080	-0.102	2.2E-5	-3.0E-5	-2.9E-5	-6.5E-5	3.4E-5	-3.3E-5

368	0.034	-0.032	0.031	-0.031	-0.079	-0.103	2.8E-5	-1.9E-5	-2.0E-5	-6.3E-5	3.6E-5	-3.5E-5
369	0.046	-0.045	0.034	-0.034	-0.074	-0.119	1.9E-5	-7.8E-6	5.2E-5	-3.9E-5	3.4E-5	-3.3E-5
370	0.059	-0.058	0.035	-0.035	-0.073	-0.119	2.0E-5	-8.5E-6	2.3E-5	-3.7E-5	3.4E-5	-3.4E-5
371	0.071	-0.070	0.036	-0.036	-0.077	-0.119	1.8E-5	-6.3E-6	3.8E-5	-7.8E-5	3.5E-5	-3.5E-5
372	0.034	-0.033	0.033	-0.033	-0.075	-0.116	-4.7E-6	-4.9E-5	5.0E-5	-5.3E-5	3.3E-5	-3.3E-5
373	0.034	-0.033	0.033	-0.033	-0.074	-0.113	-3.3E-7	-6.0E-5	5.1E-5	-5.0E-5	3.3E-5	-3.3E-5
374	0.034	-0.032	0.033	-0.032	-0.072	-0.111	1.9E-5	-4.8E-5	5.0E-5	-4.8E-5	3.3E-5	-3.3E-5
375	0.095	-0.094	0.039	-0.039	-0.092	-0.107	1.4E-5	2.5E-7	1.3E-4	-1.4E-4	3.5E-5	-3.5E-5
376	0.118	-0.117	0.041	-0.041	-0.073	-0.127	2.5E-5	-1.6E-5	1.3E-4	-1.7E-4	3.6E-5	-3.5E-5
377	0.130	-0.129	0.042	-0.042	-0.064	-0.143	3.7E-5	-3.0E-5	1.3E-4	-2.3E-4	3.6E-5	-3.6E-5
378	0.142	-0.141	0.043	-0.043	-0.054	-0.164	4.8E-5	-4.5E-5	1.4E-4	-3.0E-4	3.7E-5	-3.7E-5
379	0.084	-0.083	0.037	-0.038	-0.083	-0.113	-9.6E-6	-6.0E-5	9.8E-5	-1.1E-4	3.2E-5	-3.2E-5
380	0.084	-0.083	0.037	-0.037	-0.081	-0.109	9.2E-7	-8.2E-5	8.9E-5	-9.5E-5	3.3E-5	-3.2E-5
381	0.085	-0.084	0.037	-0.037	-0.079	-0.106	2.9E-5	-7.3E-5	8.2E-5	-8.2E-5	3.3E-5	-3.3E-5
382	0.035	-0.034	0.036	-0.036	-0.078	-0.104	1.8E-5	-2.6E-5	-2.3E-5	-6.6E-5	3.1E-5	-3.2E-5
383	0.036	-0.034	0.045	-0.045	-0.077	-0.105	2.7E-5	-1.5E-5	-3.3E-5	-7.2E-5	3.4E-5	-3.4E-5
384	0.037	-0.035	0.054	-0.054	-0.078	-0.106	2.8E-5	5.1E-7	-3.0E-5	-7.4E-5	3.7E-5	-3.6E-5
385	0.034	-0.033	0.030	-0.030	-0.079	-0.105	2.4E-5	-2.0E-5	3.2E-5	-3.4E-5	3.1E-5	-3.1E-5
386	0.034	-0.033	0.030	-0.030	-0.077	-0.107	2.8E-5	-2.0E-5	5.9E-5	-5.0E-5	3.2E-5	-3.2E-5
387	0.034	-0.033	0.031	-0.031	-0.074	-0.110	3.7E-5	-2.2E-5	6.1E-5	-5.6E-5	3.2E-5	-3.2E-5
388	0.038	-0.037	0.065	-0.065	-0.080	-0.111	3.4E-5	-1.2E-5	2.7E-5	-7.7E-5	3.1E-5	-3.1E-5
389	0.038	-0.037	0.065	-0.065	-0.078	-0.119	3.6E-5	-3.6E-6	5.1E-5	-1.2E-4	3.2E-5	-3.2E-5
390	0.038	-0.037	0.066	-0.066	-0.075	-0.128	4.4E-5	3.9E-7	3.7E-5	-1.2E-4	3.2E-5	-3.2E-5
391	0.039	-0.038	0.074	-0.074	-0.080	-0.106	3.5E-5	-3.4E-5	-2.5E-5	-8.7E-5	3.1E-5	-3.2E-5
392	0.041	-0.040	0.084	-0.084	-0.083	-0.104	6.0E-5	-3.4E-5	-1.8E-5	-1.0E-4	3.4E-5	-3.4E-5
393	0.044	-0.043	0.094	-0.094	-0.084	-0.107	9.2E-5	-3.5E-5	1.5E-5	-1.3E-4	3.8E-5	-3.7E-5
394	0.046	-0.045	0.067	-0.067	-0.078	-0.137	7.0E-5	-5.6E-6	1.6E-5	-5.4E-5	3.3E-5	-3.3E-5
395	0.040	-0.038	0.078	-0.078	-0.078	-0.134	5.1E-5	-5.3E-5	2.2E-6	-7.4E-5	3.3E-5	-3.3E-5
396	0.042	-0.041	0.089	-0.089	-0.082	-0.130	6.9E-5	-7.4E-5	2.9E-6	-7.7E-5	3.4E-5	-3.4E-5
397	0.045	-0.043	0.100	-0.100	-0.087	-0.125	1.1E-4	-8.0E-5	8.2E-6	-8.3E-5	3.5E-5	-3.5E-5
398	0.047	-0.046	0.112	-0.112	-0.090	-0.127	1.6E-4	-8.8E-5	1.2E-5	-8.5E-5	3.6E-5	-3.7E-5
399	0.035	-0.034	0.037	-0.037	-0.070	-0.116	7.8E-5	-7.0E-7	3.9E-5	-5.1E-5	3.4E-5	-3.4E-5
400	0.036	-0.035	0.047	-0.047	-0.071	-0.123	9.8E-5	1.6E-5	2.7E-5	-5.8E-5	3.4E-5	-3.4E-5
401	0.037	-0.036	0.057	-0.057	-0.073	-0.131	8.8E-5	2.6E-5	1.3E-5	-6.4E-5	3.5E-5	-3.5E-5
402	0.068	-0.067	0.068	-0.068	-0.085	-0.130	7.6E-5	-1.1E-5	8.4E-5	-6.4E-5	3.3E-5	-3.3E-5
403	0.091	-0.090	0.068	-0.068	-0.087	-0.123	7.3E-5	-3.1E-5	1.4E-4	-1.1E-4	3.4E-5	-3.3E-5
404	0.101	-0.099	0.068	-0.068	-0.084	-0.125	6.5E-5	-4.8E-5	1.6E-4	-1.5E-4	3.5E-5	-3.4E-5
405	0.082	-0.081	0.077	-0.077	-0.092	-0.122	7.7E-5	-7.7E-5	1.3E-4	-8.8E-5	3.2E-5	-3.2E-5
406	0.082	-0.081	0.087	-0.087	-0.098	-0.115	9.4E-5	-1.1E-4	1.3E-4	-8.0E-5	3.4E-5	-3.4E-5
407	0.084	-0.083	0.039	-0.039	-0.077	-0.111	9.0E-5	-8.8E-6	8.7E-5	-7.7E-5	3.4E-5	-3.4E-5
408	0.083	-0.082	0.048	-0.048	-0.078	-0.117	9.5E-5	2.7E-5	1.0E-4	-8.4E-5	3.4E-5	-3.4E-5
409	0.082	-0.081	0.058	-0.058	-0.082	-0.123	7.8E-5	4.2E-5	1.1E-4	-9.1E-5	3.5E-5	-3.5E-5
410	0.125	-0.123	0.068	-0.069	-0.057	-0.152	5.3E-5	-5.5E-5	2.1E-4	-2.5E-4	3.4E-5	-3.4E-5
411	0.139	-0.138	0.069	-0.069	-0.037	-0.181	5.1E-5	-5.8E-5	2.4E-4	-3.5E-4	3.6E-5	-3.5E-5
412	0.110	-0.109	0.080	-0.080	-0.075	-0.129	4.6E-5	-1.1E-4	1.9E-4	-1.7E-4	3.2E-5	-3.2E-5
413	0.110	-0.109	0.092	-0.092	-0.074	-0.125	7.9E-5	-1.1E-4	1.9E-4	-1.6E-4	3.4E-5	-3.4E-5
414	0.109	-0.108	0.105	-0.105	-0.071	-0.128	1.4E-4	-9.9E-5	2.0E-4	-1.6E-4	3.5E-5	-3.5E-5
415	0.109	-0.108	0.118	-0.118	-0.068	-0.140	2.2E-4	-8.1E-5	2.1E-4	-1.9E-4	3.6E-5	-3.6E-5
416	0.109	-0.108	0.130	-0.131	-0.066	-0.159	3.2E-4	-6.5E-5	2.4E-4	-2.3E-4	3.7E-5	-3.7E-5
417	0.109	-0.108	0.143	-0.144	-0.066	-0.186	4.0E-4	-5.8E-5	2.7E-4	-2.9E-4	4.0E-5	-3.9E-5
418	0.064	-0.062	0.095	-0.095	-0.095	-0.121	1.2E-4	-1.2E-4	9.8E-5	-7.4E-5	3.3E-5	-3.3E-5
419	0.073	-0.072	0.096	-0.096	-0.100	-0.115	1.2E-4	-1.2E-4	1.1E-4	-7.8E-5	3.4E-5	-3.3E-5
420	0.054	-0.053	0.105	-0.105	-0.094	-0.126	1.5E-4	-1.2E-4	6.9E-5	-6.7E-5	3.5E-5	-3.5E-5
421	0.054	-0.053	0.115	-0.115	-0.093	-0.129	1.7E-4	-1.1E-4	6.2E-5	-6.3E-5	3.7E-5	-3.7E-5
422	0.083	-0.082	0.106	-0.106	-0.096	-0.117	1.5E-4	-1.2E-4	1.2E-4	-7.2E-5	3.5E-5	-3.5E-5
423	0.083	-0.081	0.115	-0.115	-0.089	-0.128	1.9E-4	-1.0E-4	1.2E-4	-7.5E-5	3.6E-5	-3.6E-5
424	0.050	-0.049	0.124	-0.124	-0.089	-0.138	2.1E-4	-1.2E-4	3.9E-5	-6.6E-5	3.3E-5	-3.3E-5
425	0.053	-0.051	0.134	-0.134	-0.084	-0.147	2.6E-4	-1.3E-4	2.8E-5	-1.1E-4	3.7E-5	-3.8E-5
426	0.055	-0.054	0.144	-0.144	-0.075	-0.167	3.1E-4	-1.4E-4	5.3E-5	-1.4E-4	4.6E-5	-4.6E-5
427	0.063	-0.062	0.125	-0.125	-0.086	-0.141	2.1E-4	-1.0E-4	7.3E-5	-6.4E-5	3.3E-5	-3.2E-5
428	0.073	-0.072	0.125	-0.125	-0.085	-0.142	2.2E-4	-9.3E-5	9.0E-5	-7.7E-5	3.3E-5	-3.3E-5
429	0.082	-0.080	0.135	-0.135	-0.078	-0.160	2.7E-4	-6.2E-5	1.1E-4	-1.1E-4	3.8E-5	-3.8E-5
430	0.081	-0.079	0.146	-0.146	-0.074	-0.181	3.2E-4	-5.2E-5	1.1E-4	-1.4E-4	3.9E-5	-3.9E-5
431	0.058	-0.057	0.155	-0.155	-0.066	-0.193	3.3E-4	-1.3E-4	1.1E-4	-1.6E-4	3.2E-5	-3.1E-5
432	0.058	-0.057	0.155	-0.155	-0.068	-0.196	3.2E-4	-9.5E-5	6.6E-5	-1.2E-4	3.2E-5	-3.2E-5
433	0.069	-0.067	0.156	-0.156	-0.070	-0.199	3.3E-4	-7.2E-5	2.6E-5	-9.6E-5	3.2E-5	-3.2E-5
434	0.089	-0.088	0.156	-0.156	-0.069	-0.209	3.7E-4	-5.6E-5	1.8E-4	-2.3E-4	3.3E-5	-3.3E-5
435	0.099	-0.098	0.157	-0.157	-0.066	-0.216	4.0E-4	-5.9E-5	2.4E-4	-2.9E-4	3.4E-5	-3.4E-5
436	0.123	-0.122	0.157	-0.157	-0.035	-0.255	4.8E-4	-8.5E-5	3.9E-4	-4.6E-4	3.4E-5	-3.4E-5
437	0.137	-0.136	0.157	-0.157	0.004	-0.303	5.1E-4	-1.1E-4	4.6E-4	-5.7E-4	3.7E-5	-3.7E-5
438	0.046	-0.045	0.034	-0.034	-0.069	-0.113	5.6E-5	-2.8E-5	3.2E-5	-2.7E-5	3.3E-5	-3.3E-5
439	0.059	-0.058	0.035	-0.035	-0.070	-0.112	6.0E-5	-3.2E-5	3.2E-5	-3.5E-5	3.4E-5	-3.3E-5

440	0.072	-0.071	0.036	-0.036	-0.074	-0.109	6.2E-5	-3.8E-5	4.8E-5	-5.8E-5	3.4E-5	-3.4E-5
441	0.244	-0.228	0.836	-0.842	-0.040	-0.241	2.5E-3	-2.1E-3	4.6E-4	-4.4E-4	3.4E-4	-2.5E-4
442	0.245	-0.227	0.841	-0.855	-0.062	-0.222	2.7E-3	-2.4E-3	4.1E-4	-4.6E-4	3.3E-4	-2.6E-4
443	0.246	-0.227	0.848	-0.866	-0.072	-0.218	2.7E-3	-2.3E-3	3.4E-4	-4.4E-4	3.1E-4	-2.8E-4
444	0.195	-0.180	0.600	-0.636	0.000	-0.280	2.9E-3	-2.7E-3	5.3E-4	-5.5E-4	2.7E-4	-2.9E-4
445	0.144	-0.133	0.334	-0.379	0.000	-0.274	2.7E-3	-2.8E-3	4.9E-4	-5.4E-4	1.4E-4	-1.6E-4
446	0.092	-0.086	0.158	-0.191	-0.004	-0.265	1.8E-3	-2.0E-3	5.4E-4	-5.8E-4	6.9E-5	-7.6E-5
447	0.194	-0.178	0.599	-0.647	-0.066	-0.229	3.0E-3	-2.9E-3	4.5E-4	-5.0E-4	2.1E-4	-1.7E-4
448	0.146	-0.135	0.331	-0.384	-0.065	-0.227	2.7E-3	-2.7E-3	4.7E-4	-5.2E-4	1.2E-4	-9.4E-5
449	0.097	-0.092	0.155	-0.192	-0.065	-0.225	1.7E-3	-2.0E-3	4.7E-4	-5.2E-4	6.5E-5	-5.3E-5
450	0.246	-0.226	0.861	-0.889	-0.042	-0.257	2.8E-3	-2.5E-3	3.9E-4	-4.0E-4	3.4E-4	-2.5E-4
451	0.247	-0.225	0.867	-0.902	-0.002	-0.300	3.0E-3	-2.8E-3	4.2E-4	-4.8E-4	3.1E-4	-2.7E-4
452	0.247	-0.225	0.876	-0.913	0.039	-0.347	2.9E-3	-2.8E-3	4.3E-4	-4.9E-4	2.9E-4	-3.0E-4
453	0.248	-0.224	0.887	-0.921	0.079	-0.396	2.8E-3	-2.5E-3	3.9E-4	-5.1E-4	2.6E-4	-3.2E-4
454	0.193	-0.176	0.648	-0.699	0.125	-0.450	3.1E-3	-3.0E-3	4.4E-4	-5.1E-4	3.2E-4	-3.3E-4
455	0.160	-0.149	0.364	-0.417	0.124	-0.446	2.9E-3	-3.0E-3	4.5E-4	-5.1E-4	2.0E-4	-1.9E-4
456	0.156	-0.150	0.156	-0.191	0.123	-0.442	1.9E-3	-2.1E-3	4.6E-4	-5.2E-4	7.7E-5	-7.3E-5
457	0.597	-0.571	0.856	-0.845	-0.051	-0.192	2.5E-3	-2.5E-3	1.9E-8	-1.9E-8	2.8E-4	-3.1E-4
458	0.597	-0.571	0.862	-0.853	-0.034	-0.205	2.7E-3	-2.7E-3	6.2E-8	-6.2E-8	2.7E-4	-3.1E-4
459	0.061	-0.060	0.147	-0.147	-0.076	-0.151	3.5E-4	-2.3E-4	5.6E-4	-7.0E-4	7.0E-5	-7.2E-5
460	0.060	-0.060	0.142	-0.142	-0.073	-0.142	3.3E-4	-2.2E-4	5.3E-4	-7.2E-4	5.9E-5	-5.9E-5
461	0.426	-0.403	0.650	-0.637	0.064	-0.306	3.3E-3	-3.3E-3	2.5E-9	-2.5E-9	6.4E-4	-6.8E-4
462	0.273	-0.254	0.365	-0.351	0.039	-0.278	2.8E-3	-2.8E-3	7.8E-8	-7.8E-8	1.7E-4	-2.0E-4
463	0.149	-0.137	0.158	-0.148	0.004	-0.241	2.0E-3	-1.9E-3	1.3E-8	-1.3E-8	8.2E-5	-1.1E-4
464	0.425	-0.404	0.594	-0.587	0.077	-0.307	2.9E-3	-3.0E-3	8.2E-8	-8.2E-8	2.3E-4	-2.7E-4
465	0.273	-0.256	0.329	-0.321	0.048	-0.272	2.6E-3	-2.6E-3	3.0E-9	-3.0E-9	2.8E-4	-3.0E-4
466	0.149	-0.138	0.144	-0.138	0.012	-0.226	1.8E-3	-1.7E-3	6.5E-8	-6.5E-8	2.4E-4	-2.5E-4
467	1.362	-1.314	1.793	-1.769	-0.014	-0.247	1.7E-3	-1.7E-3	8.5E-8	-8.5E-8	7.1E-4	-7.3E-4
468	1.361	-1.315	1.807	-1.784	-0.013	-0.244	1.8E-3	-1.7E-3	7.2E-9	-7.2E-9	7.1E-4	-7.4E-4
469	1.175	-1.134	1.614	-1.592	0.076	-0.335	2.8E-3	-2.7E-3	5.4E-8	-5.4E-8	6.7E-4	-7.0E-4
470	0.981	-0.944	1.343	-1.326	0.084	-0.339	2.9E-3	-2.8E-3	1.8E-8	-1.8E-8	4.8E-4	-5.1E-4
471	0.785	-0.754	1.051	-1.037	0.085	-0.336	3.2E-3	-3.2E-3	5.8E-0	-5.8E-0	6.4E-4	-6.6E-4
472	1.175	-1.134	1.623	-1.609	0.119	-0.366	2.3E-3	-2.3E-3	8.1E-8	-8.1E-8	6.0E-4	-6.3E-4
473	0.981	-0.945	1.389	-1.379	0.120	-0.363	2.6E-3	-2.6E-3	2.8E-8	-2.8E-8	5.0E-4	-5.4E-4
474	0.785	-0.755	1.132	-1.126	0.113	-0.352	2.8E-3	-2.7E-3	3.6E-8	-3.6E-8	3.8E-4	-4.3E-4
475	1.953	-1.882	2.267	-2.228	0.036	-0.301	1.1E-3	-1.1E-3	4.1E-8	-4.1E-8	1.1E-3	-1.1E-3
476	1.953	-1.882	2.288	-2.250	0.038	-0.299	1.1E-3	-1.1E-3	5.2E-8	-5.2E-8	1.0E-3	-1.1E-3
477	1.797	-1.732	2.160	-2.119	0.048	-0.314	1.4E-3	-1.4E-3	7.4E-8	-7.4E-8	1.1E-3	-1.1E-3
478	1.649	-1.590	2.032	-1.996	0.051	-0.317	1.5E-3	-1.4E-3	2.6E-8	-2.6E-8	9.0E-4	-9.2E-4
479	1.508	-1.455	1.887	-1.858	0.056	-0.321	1.8E-3	-1.7E-3	4.5E-9	-4.5E-9	9.1E-4	-9.1E-4
480	1.797	-1.732	2.208	-2.175	0.098	-0.350	1.2E-3	-1.2E-3	1.4E-8	-1.4E-8	9.6E-4	-9.9E-4
481	1.649	-1.591	2.097	-2.067	0.101	-0.352	1.4E-3	-1.3E-3	9.2E-8	-9.2E-8	8.9E-4	-9.2E-4
482	1.508	-1.456	1.969	-1.945	0.106	-0.356	1.6E-3	-1.5E-3	8.2E-8	-8.2E-8	7.9E-4	-8.3E-4
483	0.097	-0.091	0.156	-0.192	-0.071	-0.215	1.7E-3	-2.0E-3	4.9E-8	-4.9E-8	7.4E-5	-5.9E-5
484	0.145	-0.134	0.330	-0.380	-0.071	-0.215	2.6E-3	-2.7E-3	1.7E-8	-1.7E-8	1.3E-4	-9.3E-5
485	0.194	-0.180	0.589	-0.632	-0.072	-0.217	2.8E-3	-2.7E-3	6.7E-9	-6.7E-9	2.8E-4	-2.1E-4
486	0.194	-0.180	0.581	-0.618	-0.061	-0.222	2.8E-3	-2.6E-3	2.1E-8	-2.1E-8	2.4E-4	-1.9E-4
487	0.194	-0.180	0.586	-0.621	-0.040	-0.240	2.8E-3	-2.6E-3	1.6E-8	-1.6E-8	2.8E-4	-2.7E-4
488	0.096	-0.090	0.157	-0.191	-0.060	-0.220	1.7E-3	-2.0E-3	4.5E-9	-4.5E-9	7.1E-5	-5.4E-5
489	0.144	-0.133	0.328	-0.375	-0.061	-0.221	2.6E-3	-2.6E-3	3.8E-8	-3.8E-8	1.3E-4	-1.0E-4
490	0.144	-0.132	0.331	-0.376	-0.041	-0.237	2.7E-3	-2.7E-3	6.0E-8	-6.0E-8	1.5E-4	-1.4E-4
491	0.094	-0.087	0.158	-0.191	-0.041	-0.234	1.8E-3	-2.0E-3	3.7E-8	-3.7E-8	6.8E-5	-5.3E-5
492	0.141	-0.136	0.155	-0.191	0.081	-0.393	1.8E-3	-2.1E-3	5.0E-8	-5.0E-8	6.9E-5	-8.3E-5
493	0.145	-0.135	0.348	-0.401	0.081	-0.395	2.8E-3	-2.9E-3	7.1E-8	-7.1E-8	2.1E-4	-2.1E-4
494	0.195	-0.178	0.618	-0.669	0.081	-0.397	3.0E-3	-2.8E-3	6.5E-8	-6.5E-8	3.6E-4	-3.6E-4
495	0.127	-0.122	0.154	-0.192	0.039	-0.344	1.7E-3	-2.0E-3	3.2E-8	-3.2E-8	5.3E-5	-6.2E-5
496	0.146	-0.135	0.333	-0.386	0.039	-0.346	2.6E-3	-2.7E-3	6.2E-8	-6.2E-8	1.6E-4	-1.6E-4
497	0.196	-0.180	0.596	-0.646	0.039	-0.347	3.0E-3	-2.9E-3	4.0E-8	-4.0E-8	2.5E-4	-2.5E-4
498	0.196	-0.180	0.587	-0.638	-0.002	-0.300	3.0E-3	-2.8E-3	4.4E-8	-4.4E-8	2.1E-4	-1.9E-4
499	0.196	-0.179	0.593	-0.642	-0.043	-0.255	2.9E-3	-2.8E-3	6.1E-8	-6.1E-8	2.3E-4	-2.3E-4
500	0.113	-0.107	0.154	-0.192	-0.002	-0.297	1.7E-3	-1.9E-3	3.6E-9	-3.6E-9	5.4E-5	-5.6E-5
501	0.146	-0.135	0.327	-0.380	-0.002	-0.299	2.6E-3	-2.6E-3	1.9E-8	-1.9E-8	1.1E-4	-1.1E-4
502	0.146	-0.135	0.330	-0.384	-0.043	-0.253	2.7E-3	-2.7E-3	5.5E-8	-5.5E-8	1.2E-4	-1.1E-4
503	0.099	-0.093	0.154	-0.192	-0.043	-0.251	1.7E-3	-2.0E-3	1.3E-9	-1.3E-9	6.4E-5	-5.7E-5
504	0.424	-0.401	0.601	-0.591	-0.041	-0.193	2.8E-3	-2.8E-3	4.7E-8	-4.7E-8	2.6E-4	-2.9E-4
505	0.424	-0.401	0.617	-0.605	-0.054	-0.184	2.6E-3	-2.7E-3	7.9E-8	-7.9E-8	4.2E-4	-4.5E-4
506	0.146	-0.134	0.148	-0.141	-0.063	-0.159	1.8E-3	-1.8E-3	5.5E-8	-5.5E-8	1.1E-4	-1.3E-4
507	0.271	-0.253	0.344	-0.335	-0.051	-0.178	2.7E-3	-2.6E-3	1.4E-8	-1.4E-8	2.6E-4	-2.8E-4
508	0.271	-0.252	0.358	-0.346	-0.059	-0.174	2.8E-3	-2.8E-3	6.5E-8	-6.5E-8	2.3E-4	-2.6E-4
509	0.146	-0.134	0.153	-0.145	-0.069	-0.161	1.9E-3	-1.8E-3	3.9E-8	-3.9E-8	8.2E-5	-9.9E-5
510	1.176	-1.135	1.610	-1.593	-0.026	-0.228	2.3E-3	-2.3E-3	1.4E-8	-1.4E-8	6.0E-4	-6.3E-4
511	1.176	-1.135	1.606	-1.586	-0.027	-0.231	2.3E-3	-2.2E-3	4.8E-8	-4.8E-8	6.3E-4	-6.6E-4

512	0.785	-0.754	1.118	-1.108	-0.030	-0.214	2.7E-3	-2.7E-3	3.9E-8	-3.9E-8	4.0E-4	-4.4E-4
513	0.981	-0.945	1.373	-1.360	-0.027	-0.220	2.7E-3	-2.6E-3	7.8E-8	-7.8E-8	4.9E-4	-5.3E-4
514	0.981	-0.945	1.357	-1.342	-0.040	-0.215	2.9E-3	-2.9E-3	8.7E-9	-8.7E-9	4.9E-4	-5.2E-4
515	0.785	-0.754	1.093	-1.081	-0.052	-0.198	2.6E-3	-2.5E-3	5.0E-8	-5.0E-8	4.6E-4	-4.9E-4
516	1.797	-1.732	2.187	-2.151	0.025	-0.285	1.2E-3	-1.2E-3	6.0E-8	-6.0E-8	9.7E-4	-1.0E-3
517	1.797	-1.733	2.170	-2.132	0.023	-0.288	1.2E-3	-1.2E-3	5.6E-8	-5.6E-8	1.0E-3	-1.1E-3
518	1.509	-1.457	1.950	-1.923	0.000	-0.258	1.5E-3	-1.5E-3	7.0E-8	-7.0E-8	8.0E-4	-8.4E-4
519	1.650	-1.591	2.075	-2.043	0.012	-0.272	1.4E-3	-1.3E-3	9.2E-8	-9.2E-8	9.0E-4	-9.3E-4
520	1.650	-1.591	2.053	-2.018	0.010	-0.274	1.5E-3	-1.5E-3	6.5E-8	-6.5E-8	9.1E-4	-9.3E-4
521	1.509	-1.456	1.924	-1.896	-0.002	-0.261	1.4E-3	-1.3E-3	6.0E-8	-6.0E-8	8.6E-4	-8.7E-4
522	0.056	-0.055	0.057	-0.057	-0.076	-0.130	9.3E-5	5.0E-5	4.5E-5	-4.7E-5	1.9E-8	-1.9E-8
523	0.057	-0.056	0.048	-0.048	-0.073	-0.122	1.0E-4	3.0E-5	4.0E-5	-4.1E-5	2.5E-8	-2.5E-8
524	0.058	-0.057	0.038	-0.038	-0.071	-0.116	9.0E-5	-2.8E-6	3.5E-5	-3.6E-5	2.2E-9	-2.2E-9
525	0.070	-0.069	0.048	-0.048	-0.076	-0.119	9.9E-5	3.1E-5	6.1E-5	-6.4E-5	1.3E-8	-1.3E-8
526	0.071	-0.070	0.038	-0.038	-0.075	-0.112	9.0E-5	-4.2E-6	5.1E-5	-6.0E-5	2.1E-8	-2.1E-8
527	0.046	-0.045	0.047	-0.047	-0.071	-0.124	1.0E-4	2.6E-5	2.4E-5	-2.8E-5	9.3E-9	-9.3E-9
528	0.046	-0.045	0.038	-0.038	-0.070	-0.117	8.6E-5	-1.3E-6	2.8E-5	-2.4E-5	1.5E-8	-1.5E-8
529	0.102	-0.101	0.157	-0.157	-0.064	-0.219	4.1E-4	-6.2E-5	2.7E-4	-3.1E-4	1.1E-0	-1.1E-0
530	0.119	-0.118	0.157	-0.157	-0.045	-0.244	4.7E-4	-8.1E-5	3.7E-4	-4.3E-4	4.7E-0	-4.7E-0
531	0.110	-0.108	0.157	-0.157	-0.060	-0.225	4.4E-4	-7.1E-5	3.2E-4	-3.7E-4	6.7E-0	-6.7E-0
532	0.055	-0.054	0.141	-0.141	-0.072	-0.123	1.4E-4	-6.4E-5	1.8E-4	-2.0E-4	2.6E-8	-2.6E-8
533	0.053	-0.052	0.131	-0.131	-0.076	-0.115	1.4E-4	-9.1E-5	1.4E-4	-1.9E-4	2.4E-8	-2.4E-8
534	0.051	-0.049	0.122	-0.122	-0.081	-0.109	1.2E-4	-1.2E-4	9.4E-5	-1.8E-4	2.6E-8	-2.6E-8
535	0.049	-0.047	0.113	-0.113	-0.083	-0.109	8.8E-5	-1.3E-4	4.9E-5	-1.6E-4	3.0E-8	-3.0E-8
536	0.047	-0.045	0.107	-0.107	-0.082	-0.116	5.9E-5	-6.1E-5	5.2E-5	-6.2E-5	2.1E-8	-2.1E-8
537	0.047	-0.046	0.109	-0.109	-0.088	-0.112	9.6E-5	-7.0E-5	5.5E-5	-1.1E-4	1.4E-8	-1.4E-8
538	0.047	-0.046	0.110	-0.110	-0.089	-0.118	1.3E-4	-8.0E-5	3.8E-5	-1.4E-4	1.1E-8	-1.1E-8
539	0.055	-0.054	0.145	-0.145	-0.072	-0.138	1.7E-4	-9.7E-5	2.0E-5	-1.8E-4	6.8E-9	-6.8E-9
540	0.053	-0.052	0.136	-0.136	-0.078	-0.129	1.5E-4	-9.5E-5	-4.6E-7	-1.3E-4	1.5E-8	-1.5E-8
541	0.051	-0.050	0.127	-0.127	-0.083	-0.120	1.3E-4	-9.0E-5	-3.4E-6	-9.5E-5	1.1E-8	-1.1E-8
542	0.049	-0.048	0.118	-0.118	-0.086	-0.116	1.1E-4	-8.0E-5	3.5E-5	-1.1E-4	2.5E-8	-2.5E-8
543	0.053	-0.052	0.135	-0.135	-0.082	-0.142	2.3E-4	-1.3E-4	-2.5E-7	-1.4E-4	1.9E-8	-1.9E-8
544	0.053	-0.052	0.136	-0.135	-0.080	-0.135	2.0E-4	-1.1E-4	-1.1E-5	-1.4E-4	1.5E-8	-1.5E-8
545	0.050	-0.049	0.123	-0.122	-0.090	-0.125	1.8E-4	-1.0E-4	1.5E-5	-1.4E-4	2.7E-8	-2.7E-8
546	0.135	-0.133	0.089	-0.089	-0.038	-0.050	-3.0E-5	-1.0E-4	-6.3E-5	-1.1E-4	1.3E-9	-1.3E-9
547	0.122	-0.120	0.088	-0.088	-0.044	-0.059	-3.4E-5	-9.0E-5	-7.6E-5	-1.3E-4	6.1E-9	-6.1E-9
548	0.109	-0.108	0.087	-0.087	-0.051	-0.071	-3.5E-5	-9.0E-5	-9.2E-5	-1.5E-4	2.0E-8	-2.0E-8
549	0.097	-0.095	0.087	-0.087	-0.060	-0.085	-3.3E-5	-9.7E-5	-1.0E-4	-1.6E-4	1.5E-8	-1.5E-8
550	0.084	-0.083	0.086	-0.086	-0.068	-0.099	-4.1E-5	-1.1E-4	-9.0E-5	-1.6E-4	2.7E-8	-2.7E-8
551	0.037	-0.035	0.054	-0.054	-0.071	-0.096	1.7E-5	-7.3E-6	-9.8E-5	-1.5E-4	2.5E-8	-2.5E-8
552	0.039	-0.038	0.054	-0.053	-0.061	-0.080	1.4E-5	-1.0E-5	-1.1E-4	-1.7E-4	8.9E-9	-8.9E-9
553	0.052	-0.051	0.053	-0.053	-0.051	-0.065	1.2E-5	-1.2E-5	-9.6E-5	-1.5E-4	1.8E-8	-1.8E-8
554	0.065	-0.063	0.053	-0.053	-0.043	-0.053	1.1E-5	-1.4E-5	-7.1E-5	-1.2E-4	5.3E-9	-5.3E-9
555	0.078	-0.077	0.053	-0.053	-0.037	-0.044	9.8E-6	-1.4E-5	-4.5E-5	-8.4E-5	1.9E-8	-1.9E-8
556	0.091	-0.090	0.053	-0.053	-0.034	-0.037	6.7E-6	-1.2E-5	-2.4E-5	-5.6E-5	9.6E-9	-9.6E-9
557	0.104	-0.103	0.053	-0.053	-0.031	-0.034	3.3E-6	-9.6E-6	-8.7E-6	-3.7E-5	1.4E-8	-1.4E-8
558	0.118	-0.117	0.054	-0.054	-0.029	-0.033	1.3E-6	-7.6E-6	-8.5E-8	-2.7E-5	2.0E-8	-2.0E-8
559	0.132	-0.131	0.054	-0.054	-0.027	-0.033	1.5E-6	-6.9E-6	3.8E-6	-2.3E-5	9.8E-9	-9.8E-9
560	0.057	-0.056	0.141	-0.141	-0.023	-0.152	1.5E-4	-2.2E-5	-8.3E-5	-2.9E-4	5.1E-9	-5.1E-9
561	0.056	-0.055	0.142	-0.142	-0.019	-0.127	1.2E-4	-1.8E-5	-2.5E-5	-3.0E-4	1.4E-8	-1.4E-8
562	0.067	-0.066	0.142	-0.142	-0.018	-0.104	1.0E-4	-2.0E-6	1.7E-5	-2.6E-4	8.2E-9	-8.2E-9
563	0.078	-0.077	0.142	-0.142	-0.021	-0.085	1.0E-4	9.5E-6	4.6E-5	-1.9E-4	1.7E-8	-1.7E-8
564	0.089	-0.088	0.142	-0.142	-0.025	-0.072	1.1E-4	2.0E-5	6.3E-5	-1.1E-4	2.6E-8	-2.6E-8
565	0.101	-0.100	0.142	-0.142	-0.030	-0.066	1.4E-4	3.0E-5	7.9E-5	-5.0E-5	1.7E-8	-1.7E-8
566	0.113	-0.112	0.143	-0.143	-0.035	-0.065	1.7E-4	4.2E-5	8.8E-5	-4.9E-6	8.9E-9	-8.9E-9
567	0.125	-0.124	0.143	-0.143	-0.039	-0.067	2.1E-4	5.4E-5	8.9E-5	1.9E-5	7.2E-9	-7.2E-9
568	0.123	-0.122	0.105	-0.105	-0.051	-0.148	1.4E-4	-1.0E-4	2.3E-4	-2.6E-4	2.4E-8	-2.4E-8
569	0.138	-0.136	0.106	-0.106	-0.027	-0.179	1.5E-4	-1.1E-4	2.6E-4	-3.7E-4	2.3E-8	-2.3E-8
570	0.096	-0.095	0.116	-0.117	-0.083	-0.128	2.1E-4	-9.1E-5	1.6E-4	-1.0E-4	1.4E-8	-1.4E-8
571	0.055	-0.054	0.132	-0.132	-0.082	-0.151	2.3E-4	-1.1E-4	4.0E-5	-5.1E-5	3.5E-8	-3.5E-8
572	0.056	-0.055	0.140	-0.140	-0.077	-0.164	2.7E-4	-1.0E-4	4.5E-5	-6.7E-5	2.3E-8	-2.3E-8
573	0.057	-0.056	0.147	-0.147	-0.072	-0.179	3.0E-4	-9.6E-5	5.6E-5	-9.3E-5	1.5E-8	-1.5E-8
574	0.055	-0.053	0.142	-0.142	-0.077	-0.166	2.9E-4	-1.2E-4	7.1E-5	-9.8E-5	3.5E-9	-3.5E-9
575	0.056	-0.055	0.148	-0.148	-0.071	-0.179	3.1E-4	-1.3E-4	8.8E-5	-1.3E-4	2.3E-8	-2.3E-8
576	0.073	-0.072	0.105	-0.105	-0.098	-0.117	1.5E-4	-1.2E-4	1.1E-4	-7.4E-5	3.3E-9	-3.3E-9
577	0.073	-0.072	0.115	-0.115	-0.092	-0.128	1.9E-4	-1.1E-4	1.0E-4	-7.4E-5	3.4E-8	-3.4E-8
578	0.045	-0.044	0.092	-0.092	-0.085	-0.131	9.2E-5	-8.6E-5	2.0E-6	-4.7E-5	7.1E-9	-7.1E-9
579	0.059	-0.058	0.035	-0.035	-0.073	-0.118	-9.3E-7	-5.3E-5	2.4E-5	-3.6E-5	1.7E-8	-1.7E-8
580	0.059	-0.058	0.035	-0.035	-0.071	-0.114	6.4E-6	-6.6E-5	2.6E-5	-3.6E-5	1.7E-8	-1.7E-8
581	0.059	-0.058	0.035	-0.035	-0.070	-0.112	3.2E-5	-5.6E-5	2.9E-5	-3.5E-5	1.4E-8	-1.4E-8
582	0.046	-0.045	0.034	-0.034	-0.071	-0.115	3.3E-6	-6.1E-5	4.4E-5	-3.1E-5	2.7E-8	-2.7E-8
583	0.046	-0.045	0.034	-0.034	-0.070	-0.112	2.7E-5	-5.0E-5	3.8E-5	-2.8E-5	1.2E-8	-1.2E-8

584	0.072	-0.070	0.036	-0.036	-0.075	-0.113	6.6E-6	-7.3E-5	4.0E-5	-7.0E-5	2.1E-8	-2.1E-8
585	0.072	-0.071	0.036	-0.036	-0.074	-0.109	3.2E-5	-6.4E-5	4.2E-5	-6.2E-5	1.8E-8	-1.8E-8
586	0.037	-0.035	0.056	-0.056	-0.076	-0.116	4.7E-5	9.4E-6	5.0E-5	-9.3E-5	6.5E-9	-6.5E-9
587	0.036	-0.034	0.046	-0.046	-0.075	-0.113	5.4E-5	-4.0E-6	5.3E-5	-7.2E-5	1.3E-8	-1.3E-8
588	0.035	-0.034	0.037	-0.037	-0.076	-0.109	4.5E-5	-1.6E-5	5.6E-5	-5.7E-5	1.1E-8	-1.1E-8
589	0.036	-0.035	0.047	-0.047	-0.073	-0.118	7.5E-5	4.1E-6	4.5E-5	-8.5E-5	2.6E-8	-2.6E-8
590	0.035	-0.034	0.037	-0.037	-0.073	-0.113	5.8E-5	-9.5E-6	5.3E-5	-6.8E-5	8.1E-9	-8.1E-9
591	0.096	-0.095	0.038	-0.039	-0.079	-0.103	6.5E-5	-4.5E-5	1.3E-4	-1.0E-4	1.9E-8	-1.9E-8
592	0.107	-0.106	0.039	-0.040	-0.076	-0.105	7.0E-5	-4.5E-5	1.5E-4	-1.5E-4	1.7E-8	-1.7E-8
593	0.119	-0.118	0.041	-0.041	-0.065	-0.118	7.4E-5	-4.5E-5	1.6E-4	-2.2E-4	2.3E-8	-2.3E-8
594	0.130	-0.129	0.042	-0.042	-0.053	-0.138	8.6E-5	-5.6E-5	1.7E-4	-2.9E-4	2.6E-8	-2.6E-8
595	0.142	-0.141	0.043	-0.043	-0.039	-0.165	1.0E-4	-7.5E-5	1.8E-4	-3.5E-4	3.7E-9	-3.7E-9
596	0.113	-0.111	0.059	-0.059	-0.073	-0.131	1.0E-4	1.1E-5	1.8E-4	-1.9E-4	1.6E-8	-1.6E-8
597	0.115	-0.114	0.050	-0.050	-0.069	-0.125	1.2E-4	2.2E-6	1.7E-4	-2.0E-4	1.4E-8	-1.4E-8
598	0.117	-0.116	0.041	-0.041	-0.067	-0.120	1.0E-4	-1.8E-5	1.7E-4	-2.1E-4	2.7E-8	-2.7E-8
599	0.141	-0.139	0.055	-0.056	-0.036	-0.177	1.1E-4	-3.8E-5	2.2E-4	-3.6E-4	2.4E-8	-2.4E-8
600	0.127	-0.126	0.053	-0.053	-0.054	-0.147	1.2E-4	-1.5E-5	2.0E-4	-2.7E-4	1.4E-8	-1.4E-8
601	0.126	-0.124	0.063	-0.063	-0.056	-0.152	7.9E-5	-2.2E-5	2.1E-4	-2.6E-4	7.6E-9	-7.6E-9
602	0.127	-0.125	0.058	-0.058	-0.055	-0.150	1.0E-4	-1.1E-5	2.0E-4	-2.7E-4	5.2E-9	-5.2E-9
603	0.120	-0.119	0.061	-0.062	-0.064	-0.143	8.3E-5	-1.2E-5	2.0E-4	-2.3E-4	4.2E-9	-4.2E-9
604	0.033	-0.031	0.030	-0.030	-0.080	-0.107	4.2E-6	-3.2E-5	5.7E-5	-7.0E-5	3.0E-8	-3.0E-8
605	0.033	-0.032	0.030	-0.030	-0.079	-0.107	6.3E-6	-3.5E-5	5.7E-5	-5.6E-5	9.5E-9	-9.5E-9
606	0.034	-0.032	0.030	-0.030	-0.077	-0.106	1.5E-5	-2.7E-5	5.8E-5	-4.9E-5	1.2E-8	-1.2E-8
607	0.033	-0.032	0.031	-0.031	-0.076	-0.110	2.1E-6	-4.6E-5	5.5E-5	-6.7E-5	4.5E-9	-4.5E-9
608	0.034	-0.032	0.031	-0.031	-0.075	-0.109	1.7E-5	-3.5E-5	5.8E-5	-5.9E-5	2.4E-8	-2.4E-8
609	0.096	-0.095	0.053	-0.053	-0.076	-0.092	4.7E-5	-3.2E-5	8.5E-5	-6.0E-5	2.2E-8	-2.2E-8
610	0.110	-0.109	0.053	-0.053	-0.074	-0.095	5.1E-5	-3.8E-5	8.0E-5	-1.1E-4	1.0E-8	-1.0E-8
611	0.124	-0.123	0.053	-0.053	-0.068	-0.109	6.8E-5	-6.0E-5	6.6E-5	-2.0E-4	6.2E-9	-6.2E-9
612	0.138	-0.138	0.053	-0.053	-0.062	-0.131	9.2E-5	-9.5E-5	5.7E-5	-2.7E-4	1.8E-8	-1.8E-8
613	0.119	-0.118	0.041	-0.041	-0.072	-0.124	9.6E-5	1.6E-6	1.2E-4	-1.8E-4	1.5E-8	-1.5E-8
614	0.120	-0.120	0.041	-0.041	-0.071	-0.118	1.2E-4	-2.3E-6	1.0E-4	-1.8E-4	3.4E-0	-3.4E-0
615	0.122	-0.121	0.041	-0.042	-0.070	-0.112	1.1E-4	-1.6E-5	9.0E-5	-1.9E-4	1.9E-8	-1.9E-8
616	0.123	-0.122	0.044	-0.044	-0.068	-0.109	9.0E-5	-3.5E-5	7.6E-5	-1.9E-4	2.3E-8	-2.3E-8
617	0.092	-0.091	0.038	-0.038	-0.083	-0.100	8.9E-5	2.8E-5	1.0E-4	-8.6E-5	7.1E-9	-7.1E-9
618	0.101	-0.101	0.039	-0.039	-0.084	-0.099	9.9E-5	2.5E-5	1.1E-4	-1.1E-4	2.5E-8	-2.5E-8
619	0.111	-0.110	0.040	-0.040	-0.077	-0.107	1.1E-4	1.1E-5	1.1E-4	-1.4E-4	3.0E-8	-3.0E-8
620	0.098	-0.097	0.039	-0.039	-0.089	-0.105	7.6E-5	3.0E-5	1.3E-4	-1.2E-4	3.3E-9	-3.3E-9
621	0.091	-0.090	0.038	-0.038	-0.086	-0.107	6.8E-5	3.6E-5	1.2E-4	-1.1E-4	2.8E-8	-2.8E-8
622	0.033	-0.032	0.049	-0.049	-0.076	-0.104	4.9E-5	-1.9E-5	5.3E-5	-2.7E-5	2.8E-8	-2.8E-8
623	0.033	-0.032	0.050	-0.050	-0.078	-0.099	4.8E-5	-1.9E-5	8.2E-5	-4.8E-5	2.5E-8	-2.5E-8
624	0.033	-0.032	0.051	-0.051	-0.079	-0.095	4.4E-5	-2.2E-5	8.4E-5	-6.6E-5	2.3E-8	-2.3E-8
625	0.033	-0.032	0.052	-0.052	-0.078	-0.095	4.0E-5	-2.5E-5	7.4E-5	-7.2E-5	2.5E-8	-2.5E-8
626	0.032	-0.031	0.030	-0.030	-0.082	-0.105	5.9E-5	-1.8E-5	6.3E-5	-7.4E-5	2.3E-8	-2.3E-8
627	0.032	-0.031	0.030	-0.030	-0.083	-0.101	7.0E-5	-2.1E-5	6.8E-5	-6.6E-5	3.0E-8	-3.0E-8
628	0.033	-0.031	0.034	-0.034	-0.081	-0.099	7.0E-5	-2.5E-5	7.6E-5	-5.7E-5	1.5E-8	-1.5E-8
629	0.033	-0.032	0.042	-0.042	-0.080	-0.098	6.2E-5	-2.4E-5	8.0E-5	-5.1E-5	1.5E-8	-1.5E-8
630	0.032	-0.031	0.031	-0.031	-0.082	-0.102	5.9E-5	-3.5E-5	2.1E-5	-4.0E-5	1.0E-8	-1.0E-8
631	0.032	-0.031	0.030	-0.030	-0.083	-0.101	6.5E-5	-2.8E-5	5.6E-5	-4.9E-5	7.4E-0	-7.4E-0
632	0.032	-0.031	0.030	-0.030	-0.084	-0.103	5.1E-5	-2.5E-5	4.4E-5	-5.4E-5	1.7E-9	-1.7E-9
633	0.032	-0.031	0.031	-0.031	-0.083	-0.102	5.0E-5	-2.9E-5	1.6E-5	-4.3E-5	2.0E-8	-2.0E-8
634	0.040	-0.039	0.129	-0.129	-0.070	-0.108	1.2E-4	-2.2E-4	1.2E-4	-6.1E-5	1.9E-8	-1.9E-8
635	0.040	-0.039	0.130	-0.130	-0.063	-0.112	1.3E-4	-2.4E-4	1.2E-4	-8.1E-5	2.6E-8	-2.6E-8
636	0.041	-0.040	0.132	-0.132	-0.056	-0.118	1.4E-4	-2.6E-4	9.3E-5	-8.8E-5	2.6E-8	-2.6E-8
637	0.041	-0.040	0.133	-0.133	-0.051	-0.126	1.4E-4	-2.8E-4	4.5E-5	-6.9E-5	2.6E-8	-2.6E-8
638	0.037	-0.036	0.095	-0.095	-0.078	-0.093	7.2E-5	-3.0E-5	7.4E-5	-8.4E-5	4.3E-9	-4.3E-9
639	0.037	-0.036	0.104	-0.104	-0.077	-0.092	8.9E-5	-6.3E-5	8.2E-5	-7.8E-5	2.7E-8	-2.7E-8
640	0.038	-0.037	0.112	-0.112	-0.073	-0.095	1.0E-4	-1.1E-4	9.5E-5	-7.4E-5	2.8E-8	-2.8E-8
641	0.039	-0.038	0.121	-0.121	-0.069	-0.101	1.2E-4	-1.7E-4	1.1E-4	-7.5E-5	1.8E-8	-1.8E-8
642	0.038	-0.037	0.110	-0.109	-0.076	-0.094	7.9E-5	-9.5E-5	7.8E-5	-4.5E-5	3.9E-9	-3.9E-9
643	0.036	-0.035	0.094	-0.094	-0.073	-0.098	5.9E-5	-3.7E-5	5.6E-5	-5.3E-5	2.6E-8	-2.6E-8
644	0.037	-0.036	0.102	-0.102	-0.075	-0.095	7.1E-5	-6.0E-5	6.4E-5	-4.8E-5	5.9E-9	-5.9E-9
645	0.037	-0.035	0.095	-0.095	-0.072	-0.099	5.5E-5	-4.1E-5	3.4E-5	-3.1E-5	3.5E-9	-3.5E-9
646	0.050	-0.048	0.116	-0.116	-0.083	-0.096	5.9E-5	-1.2E-4	6.1E-5	-2.3E-6	3.1E-8	-3.1E-8
647	0.050	-0.048	0.106	-0.105	-0.079	-0.095	5.3E-5	-1.0E-4	6.9E-5	-1.0E-5	1.1E-9	-1.1E-9
648	0.049	-0.048	0.095	-0.095	-0.074	-0.096	3.7E-5	-8.7E-5	6.6E-5	-2.2E-5	1.8E-8	-1.8E-8
649	0.042	-0.041	0.160	-0.160	-0.062	-0.153	1.1E-4	-3.3E-4	1.1E-4	-1.4E-4	5.6E-9	-5.6E-9
650	0.041	-0.040	0.149	-0.148	-0.069	-0.131	1.0E-4	-2.8E-4	8.4E-5	-1.0E-4	2.1E-8	-2.1E-8
651	0.040	-0.039	0.138	-0.138	-0.073	-0.115	9.6E-5	-2.2E-4	5.7E-5	-6.7E-5	8.9E-9	-8.9E-9
652	0.061	-0.060	0.159	-0.159	-0.071	-0.147	5.3E-5	-2.4E-4	8.5E-5	-4.4E-5	1.7E-8	-1.7E-8
653	0.050	-0.049	0.159	-0.159	-0.069	-0.146	5.4E-5	-2.6E-4	9.6E-5	-6.7E-5	3.2E-9	-3.2E-9
654	0.041	-0.040	0.159	-0.159	-0.067	-0.147	7.7E-5	-2.9E-4	1.0E-4	-1.0E-4	1.2E-8	-1.2E-8
655	0.041	-0.039	0.148	-0.148	-0.071	-0.128	7.7E-5	-2.4E-4	7.7E-5	-7.0E-5	1.4E-8	-1.4E-8

656	0.040	-0.038	0.137	-0.137	-0.075	-0.113	7.5E-5	-1.9E-4	5.5E-5	-4.2E-5	6.2E-9	-6.2E-9
657	0.061	-0.060	0.148	-0.148	-0.075	-0.130	5.6E-5	-2.0E-4	7.4E-5	-1.6E-5	2.3E-8	-2.3E-8
658	0.050	-0.049	0.148	-0.148	-0.073	-0.128	5.7E-5	-2.1E-4	7.8E-5	-3.6E-5	2.9E-8	-2.9E-8
659	0.050	-0.049	0.137	-0.137	-0.077	-0.114	6.0E-5	-1.7E-4	6.1E-5	-1.2E-5	8.7E-9	-8.7E-9
660	0.061	-0.060	0.137	-0.137	-0.079	-0.117	6.2E-5	-1.6E-4	7.2E-5	2.2E-6	2.3E-8	-2.3E-8
661	0.046	-0.046	0.160	-0.160	-0.045	-0.188	1.0E-4	-5.1E-4	2.2E-4	-2.6E-4	2.8E-8	-2.8E-8
662	0.057	-0.056	0.160	-0.160	-0.070	-0.168	7.8E-5	-5.2E-4	2.9E-4	-3.3E-4	1.3E-8	-1.3E-8
663	0.069	-0.069	0.160	-0.160	-0.079	-0.163	6.2E-5	-5.1E-4	3.2E-4	-3.7E-4	2.0E-8	-2.0E-8
664	0.045	-0.044	0.147	-0.147	-0.050	-0.151	7.0E-5	-3.8E-4	1.5E-4	-1.7E-4	1.5E-8	-1.5E-8
665	0.057	-0.056	0.147	-0.147	-0.068	-0.135	4.3E-5	-3.7E-4	2.0E-4	-2.3E-4	6.4E-9	-6.4E-9
666	0.069	-0.069	0.147	-0.147	-0.082	-0.125	2.7E-5	-3.7E-4	2.3E-4	-2.7E-4	2.6E-8	-2.6E-8
667	0.045	-0.044	0.134	-0.134	-0.056	-0.124	8.0E-5	-2.6E-4	9.4E-5	-9.7E-5	2.1E-8	-2.1E-8
668	0.057	-0.056	0.134	-0.134	-0.067	-0.114	4.3E-5	-2.4E-4	1.3E-4	-1.5E-4	7.7E-9	-7.7E-9
669	0.069	-0.068	0.134	-0.134	-0.081	-0.102	2.6E-5	-2.3E-4	1.6E-4	-1.9E-4	2.6E-8	-2.6E-8
670	0.045	-0.044	0.122	-0.122	-0.062	-0.108	9.1E-5	-1.5E-4	5.8E-5	-5.2E-5	2.8E-8	-2.8E-8
671	0.057	-0.056	0.122	-0.122	-0.067	-0.103	5.5E-5	-1.2E-4	8.3E-5	-9.1E-5	1.0E-8	-1.0E-8
672	0.069	-0.069	0.122	-0.122	-0.076	-0.096	4.0E-5	-1.1E-4	1.1E-4	-1.2E-4	2.2E-9	-2.2E-9
673	0.069	-0.069	0.110	-0.110	-0.073	-0.097	5.5E-5	-2.9E-5	7.0E-5	-8.4E-5	2.7E-8	-2.7E-8
674	0.070	-0.069	0.098	-0.098	-0.074	-0.101	5.7E-5	6.8E-6	5.0E-5	-6.3E-5	2.5E-8	-2.5E-8
675	0.045	-0.044	0.110	-0.110	-0.066	-0.103	9.5E-5	-6.5E-5	3.9E-5	-2.9E-5	4.6E-9	-4.6E-9
676	0.057	-0.056	0.110	-0.110	-0.068	-0.101	7.1E-5	-4.2E-5	5.0E-5	-5.5E-5	1.6E-8	-1.6E-8
677	0.057	-0.057	0.098	-0.098	-0.071	-0.103	6.9E-5	-5.2E-6	3.1E-5	-3.4E-5	1.1E-8	-1.1E-8
678	0.045	-0.044	0.098	-0.098	-0.071	-0.103	8.2E-5	-1.9E-5	3.1E-5	-2.0E-5	2.4E-8	-2.4E-8
679	0.095	-0.095	0.159	-0.159	-0.051	-0.197	1.2E-4	-6.0E-4	3.4E-4	-3.6E-4	2.6E-8	-2.6E-8
680	0.109	-0.109	0.159	-0.159	-0.019	-0.232	1.8E-4	-6.8E-4	3.4E-4	-3.9E-4	3.0E-9	-3.0E-9
681	0.123	-0.123	0.159	-0.159	0.014	-0.272	2.7E-4	-7.6E-4	3.4E-4	-4.3E-4	6.1E-9	-6.1E-9
682	0.137	-0.137	0.159	-0.159	0.048	-0.316	3.6E-4	-8.1E-4	3.5E-4	-4.7E-4	6.4E-9	-6.4E-9
683	0.095	-0.095	0.147	-0.147	-0.058	-0.152	7.6E-5	-4.5E-4	2.6E-4	-2.7E-4	2.3E-8	-2.3E-8
684	0.109	-0.108	0.146	-0.147	-0.033	-0.179	1.6E-4	-5.4E-4	2.6E-4	-3.0E-4	1.1E-8	-1.1E-8
685	0.123	-0.122	0.146	-0.146	-0.007	-0.212	2.4E-4	-6.1E-4	2.7E-4	-3.7E-4	2.0E-8	-2.0E-8
686	0.137	-0.137	0.146	-0.147	0.020	-0.252	3.2E-4	-6.6E-4	2.8E-4	-4.4E-4	1.0E-8	-1.0E-8
687	0.095	-0.094	0.134	-0.134	-0.064	-0.120	7.8E-5	-3.0E-4	2.0E-4	-1.9E-4	2.4E-8	-2.4E-8
688	0.109	-0.108	0.134	-0.134	-0.045	-0.140	1.4E-4	-3.7E-4	2.0E-4	-2.4E-4	2.3E-8	-2.3E-8
689	0.123	-0.122	0.134	-0.134	-0.026	-0.167	2.1E-4	-4.3E-4	2.0E-4	-3.2E-4	6.5E-0	-6.5E-0
690	0.137	-0.136	0.134	-0.134	-0.005	-0.203	2.8E-4	-4.8E-4	2.2E-4	-4.1E-4	2.0E-8	-2.0E-8
691	0.137	-0.136	0.122	-0.122	-0.024	-0.172	2.4E-4	-3.1E-4	1.6E-4	-3.7E-4	1.5E-8	-1.5E-8
692	0.137	-0.137	0.110	-0.110	-0.039	-0.156	2.0E-4	-1.8E-4	1.2E-4	-3.4E-4	2.5E-8	-2.5E-8
693	0.137	-0.137	0.098	-0.099	-0.051	-0.149	1.6E-4	-1.0E-4	9.2E-5	-3.2E-4	2.0E-8	-2.0E-8
694	0.095	-0.094	0.122	-0.122	-0.068	-0.103	8.5E-5	-1.7E-4	1.5E-4	-1.4E-4	1.2E-8	-1.2E-8
695	0.109	-0.108	0.122	-0.122	-0.053	-0.118	1.3E-4	-2.2E-4	1.5E-4	-1.9E-4	1.3E-8	-1.3E-8
696	0.123	-0.122	0.122	-0.122	-0.039	-0.141	1.8E-4	-2.7E-4	1.5E-4	-2.8E-4	1.3E-9	-1.3E-9
697	0.123	-0.122	0.110	-0.110	-0.050	-0.127	1.5E-4	-1.4E-4	1.2E-4	-2.5E-4	1.6E-8	-1.6E-8
698	0.123	-0.123	0.098	-0.098	-0.059	-0.122	1.2E-4	-6.7E-5	8.9E-5	-2.3E-4	1.5E-8	-1.5E-8
699	0.095	-0.095	0.110	-0.110	-0.072	-0.096	8.5E-5	-7.1E-5	1.2E-4	-1.0E-4	3.0E-9	-3.0E-9
700	0.109	-0.108	0.110	-0.110	-0.061	-0.108	1.1E-4	-1.0E-4	1.2E-4	-1.6E-4	2.1E-8	-2.1E-8
701	0.109	-0.109	0.098	-0.098	-0.068	-0.104	9.1E-5	-3.9E-5	9.9E-5	-1.4E-4	1.1E-8	-1.1E-8
702	0.095	-0.095	0.098	-0.098	-0.074	-0.098	7.1E-5	-1.6E-5	1.1E-4	-8.0E-5	2.1E-8	-2.1E-8
703	0.046	-0.045	0.076	-0.076	-0.075	-0.102	7.0E-6	-4.6E-5	4.2E-5	-2.7E-5	4.6E-9	-4.6E-9
704	0.058	-0.057	0.075	-0.075	-0.073	-0.103	1.8E-6	-4.5E-5	1.9E-5	-2.0E-5	2.4E-8	-2.4E-8
705	0.070	-0.069	0.075	-0.075	-0.074	-0.103	-4.3E-6	-4.1E-5	3.4E-5	-4.5E-5	2.5E-8	-2.5E-8
706	0.046	-0.045	0.064	-0.064	-0.073	-0.100	1.1E-5	-4.7E-5	4.6E-5	-2.9E-5	8.8E-9	-8.8E-9
707	0.058	-0.057	0.064	-0.064	-0.071	-0.101	1.0E-5	-4.9E-5	1.9E-5	-1.8E-5	1.0E-8	-1.0E-8
708	0.070	-0.069	0.064	-0.064	-0.072	-0.101	1.2E-5	-5.1E-5	3.0E-5	-4.0E-5	1.6E-8	-1.6E-8
709	0.046	-0.045	0.053	-0.053	-0.072	-0.099	3.5E-5	-3.2E-5	4.9E-5	-3.0E-5	1.7E-8	-1.7E-8
710	0.058	-0.057	0.053	-0.053	-0.070	-0.100	3.7E-5	-3.4E-5	2.1E-5	-2.0E-5	1.0E-8	-1.0E-8
711	0.070	-0.069	0.053	-0.053	-0.071	-0.100	4.1E-5	-3.5E-5	2.9E-5	-4.1E-5	2.8E-8	-2.8E-8
712	0.046	-0.045	0.042	-0.042	-0.072	-0.102	6.7E-5	-1.4E-5	5.0E-5	-3.1E-5	1.6E-9	-1.6E-9
713	0.058	-0.057	0.042	-0.042	-0.070	-0.102	6.6E-5	-1.0E-5	2.3E-5	-2.5E-5	2.6E-8	-2.6E-8
714	0.070	-0.069	0.042	-0.042	-0.072	-0.102	6.9E-5	-7.7E-6	3.0E-5	-4.8E-5	8.9E-9	-8.9E-9
715	0.071	-0.070	0.036	-0.036	-0.074	-0.107	8.5E-5	1.4E-5	3.5E-5	-6.1E-5	1.6E-8	-1.6E-8
716	0.071	-0.070	0.036	-0.036	-0.076	-0.114	7.5E-5	1.6E-5	3.9E-5	-7.4E-5	1.5E-8	-1.5E-8
717	0.046	-0.045	0.034	-0.034	-0.073	-0.107	8.7E-5	3.2E-7	5.1E-5	-3.4E-5	2.3E-8	-2.3E-8
718	0.058	-0.057	0.035	-0.035	-0.072	-0.108	8.6E-5	5.4E-6	2.4E-5	-3.1E-5	1.0E-8	-1.0E-8
719	0.059	-0.057	0.035	-0.035	-0.073	-0.115	7.6E-5	9.8E-6	2.4E-5	-3.5E-5	2.5E-8	-2.5E-8
720	0.046	-0.045	0.034	-0.034	-0.074	-0.114	7.5E-5	6.6E-6	5.1E-5	-3.7E-5	1.6E-8	-1.6E-8
721	0.069	-0.068	0.058	-0.058	-0.080	-0.126	7.9E-5	5.3E-5	7.4E-5	-6.7E-5	2.3E-9	-2.3E-9
722	0.046	-0.045	0.057	-0.057	-0.074	-0.132	9.1E-5	4.0E-5	2.2E-5	-4.1E-5	6.8E-9	-6.8E-9
723	0.040	-0.038	0.075	-0.075	-0.082	-0.110	4.7E-5	-3.4E-5	2.3E-5	-6.9E-5	1.9E-8	-1.9E-8
724	0.040	-0.038	0.076	-0.076	-0.080	-0.117	4.8E-5	-4.2E-5	5.2E-5	-1.1E-4	4.1E-9	-4.1E-9
725	0.040	-0.038	0.077	-0.077	-0.078	-0.126	4.5E-5	-4.4E-5	3.7E-5	-1.2E-4	1.8E-8	-1.8E-8
726	0.042	-0.041	0.088	-0.088	-0.082	-0.122	6.1E-5	-6.1E-5	4.2E-5	-1.3E-4	1.1E-8	-1.1E-8
727	0.044	-0.043	0.099	-0.099	-0.086	-0.118	8.9E-5	-6.8E-5	4.1E-5	-1.3E-4	1.8E-8	-1.8E-8

728	0.042	-0.040	0.085	-0.085	-0.085	-0.109	7.5E-5	-5.4E-5	2.0E-5	-6.2E-5	8.5E-9	-8.5E-9
729	0.042	-0.040	0.086	-0.086	-0.084	-0.114	6.8E-5	-6.0E-5	6.0E-5	-1.1E-4	6.5E-9	-6.5E-9
730	0.044	-0.043	0.097	-0.097	-0.088	-0.110	7.9E-5	-6.3E-5	6.7E-5	-1.1E-4	2.6E-8	-2.6E-8
731	0.044	-0.043	0.096	-0.096	-0.084	-0.112	9.0E-5	-6.2E-5	3.0E-5	-5.3E-5	1.2E-8	-1.2E-8
732	0.049	-0.048	0.116	-0.116	-0.081	-0.116	7.5E-5	-8.0E-5	4.6E-6	-3.9E-5	8.7E-9	-8.7E-9
733	0.051	-0.050	0.125	-0.125	-0.082	-0.115	9.3E-5	-9.1E-5	2.6E-5	-8.8E-5	1.4E-8	-1.4E-8
734	0.053	-0.052	0.134	-0.134	-0.079	-0.118	1.2E-4	-8.5E-5	6.2E-5	-1.4E-4	2.5E-8	-2.5E-8
735	0.055	-0.054	0.144	-0.144	-0.075	-0.125	1.3E-4	-7.7E-5	1.0E-4	-1.8E-4	1.1E-8	-1.1E-8
736	0.055	-0.054	0.146	-0.146	-0.072	-0.150	2.2E-4	-1.2E-4	2.2E-7	-1.9E-4	1.1E-8	-1.1E-8
737	0.055	-0.054	0.145	-0.145	-0.073	-0.162	2.8E-4	-1.4E-4	4.7E-6	-1.7E-4	2.4E-8	-2.4E-8
738	0.051	-0.050	0.128	-0.128	-0.084	-0.126	1.7E-4	-1.1E-4	-2.1E-6	-1.3E-4	1.5E-8	-1.5E-8
739	0.084	-0.083	0.096	-0.096	-0.076	-0.098	3.4E-5	-1.0E-4	-7.0E-5	-1.2E-4	2.2E-8	-2.2E-8
740	0.096	-0.095	0.097	-0.097	-0.068	-0.087	6.1E-6	-1.1E-4	-1.1E-4	-1.5E-4	8.2E-9	-8.2E-9
741	0.109	-0.108	0.099	-0.099	-0.058	-0.075	-1.2E-5	-1.1E-4	-9.4E-5	-1.4E-4	4.8E-9	-4.8E-9
742	0.122	-0.120	0.100	-0.100	-0.050	-0.066	-2.4E-5	-1.3E-4	-6.8E-5	-1.2E-4	3.9E-9	-3.9E-9
743	0.135	-0.133	0.101	-0.101	-0.043	-0.060	-3.4E-5	-1.5E-4	-4.8E-5	-1.0E-4	1.7E-8	-1.7E-8
744	0.084	-0.083	0.106	-0.106	-0.081	-0.098	5.0E-5	-1.2E-4	-5.4E-5	-1.0E-4	1.1E-8	-1.1E-8
745	0.096	-0.095	0.108	-0.108	-0.072	-0.090	2.8E-5	-1.3E-4	-9.5E-5	-1.3E-4	2.1E-8	-2.1E-8
746	0.109	-0.108	0.110	-0.110	-0.063	-0.081	5.0E-6	-1.5E-4	-7.7E-5	-1.2E-4	2.5E-8	-2.5E-8
747	0.122	-0.120	0.112	-0.112	-0.054	-0.076	-1.6E-5	-1.8E-4	-3.8E-5	-1.0E-4	3.4E-9	-3.4E-9
748	0.135	-0.133	0.113	-0.114	-0.047	-0.077	-3.6E-5	-2.4E-4	-5.4E-6	-9.0E-5	1.1E-8	-1.1E-8
749	0.084	-0.083	0.159	-0.159	-0.069	-0.150	6.3E-5	-2.5E-4	4.3E-5	-7.1E-5	2.7E-8	-2.7E-8
750	0.084	-0.083	0.148	-0.148	-0.074	-0.133	6.3E-5	-2.1E-4	1.4E-5	-7.2E-5	2.5E-9	-2.5E-9
751	0.084	-0.083	0.137	-0.137	-0.078	-0.121	6.5E-5	-1.8E-4	-1.5E-5	-8.0E-5	1.1E-8	-1.1E-8
752	0.084	-0.083	0.127	-0.127	-0.082	-0.110	6.0E-5	-1.5E-4	-4.5E-5	-9.8E-5	2.4E-8	-2.4E-8
753	0.084	-0.083	0.117	-0.117	-0.083	-0.102	5.4E-5	-1.4E-4	-4.5E-5	-9.9E-5	2.9E-8	-2.9E-8
754	0.096	-0.095	0.119	-0.119	-0.074	-0.095	3.8E-5	-1.5E-4	-7.5E-5	-1.2E-4	1.2E-8	-1.2E-8
755	0.109	-0.108	0.121	-0.121	-0.065	-0.092	1.5E-5	-1.9E-4	-3.8E-5	-1.1E-4	1.5E-8	-1.5E-8
756	0.122	-0.120	0.123	-0.124	-0.057	-0.093	-9.2E-6	-2.5E-4	1.8E-5	-8.8E-5	1.9E-8	-1.9E-8
757	0.135	-0.133	0.126	-0.126	-0.051	-0.102	-3.3E-5	-3.4E-4	6.4E-5	-7.4E-5	2.3E-8	-2.3E-8
758	0.097	-0.095	0.159	-0.159	-0.065	-0.154	6.5E-5	-3.0E-4	8.6E-5	-7.8E-5	8.6E-9	-8.6E-9
759	0.097	-0.095	0.149	-0.149	-0.068	-0.135	5.7E-5	-2.6E-4	4.4E-5	-8.2E-5	4.1E-9	-4.1E-9
760	0.097	-0.095	0.139	-0.139	-0.072	-0.119	5.0E-5	-2.2E-4	-2.9E-6	-9.1E-5	1.8E-8	-1.8E-8
761	0.096	-0.095	0.129	-0.129	-0.074	-0.105	4.5E-5	-1.9E-4	-4.3E-5	-1.0E-4	2.9E-8	-2.9E-8
762	0.109	-0.108	0.131	-0.131	-0.067	-0.105	2.3E-5	-2.4E-4	1.1E-5	-9.1E-5	1.9E-8	-1.9E-8
763	0.122	-0.120	0.135	-0.135	-0.060	-0.115	3.4E-6	-3.3E-4	8.9E-5	-7.3E-5	1.6E-8	-1.6E-8
764	0.135	-0.133	0.138	-0.139	-0.056	-0.134	-1.8E-5	-4.5E-4	1.6E-4	-5.8E-5	2.4E-8	-2.4E-8
765	0.109	-0.107	0.160	-0.160	-0.059	-0.165	7.2E-5	-3.5E-4	1.7E-4	-7.2E-5	2.1E-8	-2.1E-8
766	0.109	-0.108	0.151	-0.151	-0.063	-0.144	5.0E-5	-3.3E-4	1.2E-4	-7.3E-5	1.6E-8	-1.6E-8
767	0.109	-0.108	0.142	-0.142	-0.065	-0.124	3.5E-5	-2.9E-4	6.8E-5	-8.0E-5	2.0E-8	-2.0E-8
768	0.122	-0.120	0.145	-0.145	-0.060	-0.140	2.3E-5	-3.9E-4	1.6E-4	-6.1E-5	1.6E-8	-1.6E-8
769	0.135	-0.133	0.150	-0.151	-0.057	-0.172	2.8E-5	-5.0E-4	2.6E-4	-4.7E-5	2.0E-8	-2.0E-8
770	0.120	-0.119	0.162	-0.162	-0.055	-0.185	9.1E-5	-4.1E-4	2.6E-4	-6.0E-5	1.3E-8	-1.3E-8
771	0.122	-0.120	0.155	-0.155	-0.058	-0.166	5.9E-5	-4.1E-4	2.3E-4	-5.7E-5	2.0E-8	-2.0E-8
772	0.134	-0.132	0.160	-0.160	-0.054	-0.205	7.2E-5	-5.2E-4	3.5E-4	-3.8E-5	7.9E-9	-7.9E-9
773	0.130	-0.128	0.164	-0.164	-0.052	-0.209	1.2E-4	-4.5E-4	3.3E-4	-5.3E-5	7.6E-0	-7.6E-0
774	0.036	-0.034	0.044	-0.044	-0.071	-0.095	1.8E-5	-1.5E-5	-9.4E-5	-1.4E-4	1.6E-8	-1.6E-8
775	0.039	-0.038	0.044	-0.044	-0.061	-0.080	1.2E-5	-1.4E-5	-1.1E-4	-1.7E-4	3.7E-9	-3.7E-9
776	0.052	-0.051	0.043	-0.043	-0.051	-0.065	9.0E-6	-1.3E-5	-9.5E-5	-1.5E-4	1.7E-8	-1.7E-8
777	0.065	-0.064	0.043	-0.043	-0.043	-0.052	6.7E-6	-1.1E-5	-7.0E-5	-1.2E-4	8.4E-9	-8.4E-9
778	0.078	-0.077	0.043	-0.042	-0.038	-0.043	4.3E-6	-9.7E-6	-4.5E-5	-8.3E-5	2.5E-8	-2.5E-8
779	0.091	-0.090	0.042	-0.042	-0.035	-0.037	2.0E-6	-7.7E-6	-2.4E-5	-5.4E-5	3.7E-9	-3.7E-9
780	0.105	-0.104	0.042	-0.042	-0.032	-0.034	7.5E-7	-6.3E-6	-1.0E-5	-3.5E-5	6.3E-0	-6.3E-0
781	0.119	-0.117	0.042	-0.042	-0.030	-0.033	9.8E-7	-5.6E-6	-2.7E-6	-2.5E-5	1.0E-8	-1.0E-8
782	0.133	-0.131	0.042	-0.042	-0.028	-0.033	3.8E-6	-6.8E-6	5.6E-7	-2.1E-5	2.6E-8	-2.6E-8
783	0.035	-0.033	0.035	-0.035	-0.071	-0.095	1.4E-5	-2.0E-5	-9.6E-5	-1.4E-4	2.2E-9	-2.2E-9
784	0.040	-0.038	0.034	-0.034	-0.061	-0.080	1.2E-5	-1.7E-5	-1.1E-4	-1.7E-4	9.2E-9	-9.2E-9
785	0.052	-0.051	0.033	-0.033	-0.051	-0.065	9.1E-6	-1.4E-5	-9.5E-5	-1.5E-4	1.9E-8	-1.9E-8
786	0.065	-0.064	0.033	-0.033	-0.044	-0.052	5.3E-6	-1.1E-5	-7.0E-5	-1.2E-4	2.4E-8	-2.4E-8
787	0.078	-0.077	0.034	-0.034	-0.038	-0.043	2.4E-6	-7.8E-6	-4.5E-5	-8.2E-5	2.5E-8	-2.5E-8
788	0.092	-0.090	0.035	-0.035	-0.035	-0.038	1.0E-6	-6.0E-6	-2.5E-5	-5.3E-5	2.2E-8	-2.2E-8
789	0.105	-0.104	0.035	-0.035	-0.032	-0.035	1.3E-6	-5.2E-6	-1.2E-5	-3.4E-5	1.2E-9	-1.2E-9
790	0.119	-0.118	0.036	-0.036	-0.030	-0.033	2.9E-6	-4.9E-6	-5.0E-6	-2.4E-5	2.1E-8	-2.1E-8
791	0.133	-0.132	0.038	-0.038	-0.028	-0.033	6.0E-6	-5.0E-6	-2.4E-6	-2.1E-5	1.3E-8	-1.3E-8
792	0.034	-0.033	0.031	-0.031	-0.072	-0.095	1.9E-5	-2.1E-5	-1.0E-4	-1.5E-4	1.7E-8	-1.7E-8
793	0.040	-0.038	0.032	-0.032	-0.062	-0.079	1.4E-5	-1.8E-5	-1.1E-4	-1.7E-4	2.3E-8	-2.3E-8
794	0.053	-0.051	0.033	-0.033	-0.052	-0.065	9.5E-6	-1.5E-5	-9.6E-5	-1.5E-4	1.7E-9	-1.7E-9
795	0.066	-0.064	0.033	-0.033	-0.044	-0.052	5.4E-6	-1.1E-5	-7.1E-5	-1.2E-4	8.6E-9	-8.6E-9
796	0.079	-0.077	0.034	-0.034	-0.039	-0.043	2.4E-6	-8.1E-6	-4.6E-5	-8.1E-5	7.5E-9	-7.5E-9
797	0.092	-0.091	0.035	-0.035	-0.035	-0.038	1.7E-6	-6.5E-6	-2.7E-5	-5.3E-5	6.2E-9	-6.2E-9
798	0.105	-0.104	0.035	-0.035	-0.033	-0.035	2.2E-6	-5.1E-6	-1.4E-5	-3.4E-5	7.3E-9	-7.3E-9
799	0.119	-0.118	0.036	-0.036	-0.030	-0.033	3.9E-6	-3.8E-6	-7.3E-6	-2.5E-5	1.5E-8	-1.5E-8

800	0.133	-0.132	0.039	-0.039	-0.028	-0.032	7.3E-6	-2.6E-6	-5.3E-6	-2.2E-5	8.3E-9	-8.3E-9
801	0.034	-0.032	0.031	-0.031	-0.073	-0.094	2.3E-5	-2.2E-5	-9.6E-5	-1.4E-4	1.7E-8	-1.7E-8
802	0.040	-0.039	0.032	-0.032	-0.063	-0.079	1.6E-5	-2.0E-5	-1.1E-4	-1.6E-4	1.8E-8	-1.8E-8
803	0.053	-0.051	0.033	-0.033	-0.053	-0.065	9.9E-6	-1.7E-5	-9.7E-5	-1.5E-4	3.8E-9	-3.8E-9
804	0.066	-0.064	0.033	-0.033	-0.045	-0.052	5.7E-6	-1.3E-5	-7.2E-5	-1.1E-4	1.9E-8	-1.9E-8
805	0.079	-0.078	0.034	-0.034	-0.039	-0.043	2.3E-6	-1.0E-5	-4.8E-5	-8.0E-5	1.9E-8	-1.9E-8
806	0.092	-0.091	0.035	-0.035	-0.035	-0.038	1.5E-6	-8.3E-6	-2.8E-5	-5.3E-5	2.6E-9	-2.6E-9
807	0.106	-0.104	0.035	-0.035	-0.033	-0.035	2.0E-6	-6.3E-6	-1.6E-5	-3.5E-5	2.0E-8	-2.0E-8
808	0.119	-0.118	0.036	-0.036	-0.031	-0.033	3.6E-6	-3.6E-6	-1.0E-5	-2.6E-5	1.6E-1	-1.6E-1
809	0.133	-0.132	0.039	-0.039	-0.028	-0.032	7.2E-6	-6.8E-7	-8.5E-6	-2.4E-5	3.4E-9	-3.4E-9
810	0.035	-0.034	0.076	-0.076	-0.068	-0.100	1.2E-5	-2.4E-5	-5.0E-6	-5.9E-5	2.9E-9	-2.9E-9
811	0.034	-0.033	0.067	-0.067	-0.068	-0.099	2.4E-5	-2.6E-5	-1.9E-5	-7.8E-5	8.8E-9	-8.8E-9
812	0.034	-0.032	0.057	-0.057	-0.070	-0.098	3.1E-5	-2.8E-5	-3.6E-5	-9.9E-5	2.6E-8	-2.6E-8
813	0.033	-0.032	0.048	-0.048	-0.072	-0.097	3.2E-5	-3.3E-5	-6.3E-5	-1.1E-4	2.9E-8	-2.9E-8
814	0.033	-0.031	0.039	-0.039	-0.073	-0.095	3.1E-5	-3.6E-5	-6.9E-5	-1.2E-4	5.7E-9	-5.7E-9
815	0.033	-0.031	0.032	-0.031	-0.074	-0.094	3.6E-5	-3.5E-5	-8.0E-5	-1.3E-4	1.8E-8	-1.8E-8
816	0.032	-0.031	0.031	-0.031	-0.074	-0.094	3.7E-5	-3.1E-5	-9.2E-5	-1.3E-4	5.8E-9	-5.8E-9
817	0.032	-0.031	0.031	-0.031	-0.075	-0.094	2.9E-5	-3.0E-5	-1.0E-4	-1.4E-4	8.5E-9	-8.5E-9
818	0.032	-0.031	0.031	-0.031	-0.075	-0.093	1.9E-5	-3.0E-5	-1.0E-4	-1.3E-4	3.9E-9	-3.9E-9
819	0.033	-0.032	0.031	-0.031	-0.074	-0.093	2.0E-5	-2.7E-5	-9.7E-5	-1.3E-4	7.4E-9	-7.4E-9
820	0.040	-0.039	0.032	-0.032	-0.063	-0.079	1.6E-5	-2.3E-5	-1.1E-4	-1.6E-4	6.2E-9	-6.2E-9
821	0.053	-0.051	0.033	-0.033	-0.053	-0.065	1.0E-5	-1.9E-5	-9.8E-5	-1.4E-4	2.3E-8	-2.3E-8
822	0.066	-0.064	0.033	-0.033	-0.045	-0.053	5.1E-6	-1.7E-5	-7.3E-5	-1.1E-4	1.7E-8	-1.7E-8
823	0.079	-0.078	0.034	-0.034	-0.039	-0.044	1.6E-6	-1.5E-5	-4.9E-5	-7.9E-5	2.2E-9	-2.2E-9
824	0.092	-0.091	0.035	-0.035	-0.036	-0.038	9.0E-7	-1.4E-5	-3.0E-5	-5.3E-5	2.3E-8	-2.3E-8
825	0.106	-0.104	0.036	-0.035	-0.033	-0.035	1.6E-6	-1.1E-5	-1.9E-5	-3.6E-5	6.2E-9	-6.2E-9
826	0.120	-0.118	0.036	-0.036	-0.031	-0.033	3.4E-6	-7.3E-6	-1.3E-5	-3.0E-5	1.9E-8	-1.9E-8
827	0.134	-0.132	0.039	-0.039	-0.028	-0.031	6.6E-6	-1.4E-6	-1.3E-5	-2.9E-5	2.5E-8	-2.5E-8
828	0.038	-0.037	0.076	-0.076	-0.067	-0.096	-7.3E-6	-4.0E-5	1.1E-5	-6.3E-5	2.3E-8	-2.3E-8
829	0.038	-0.037	0.067	-0.067	-0.066	-0.093	-2.5E-6	-4.6E-5	-8.6E-6	-8.3E-5	1.9E-8	-1.9E-8
830	0.038	-0.037	0.058	-0.057	-0.065	-0.090	5.2E-6	-5.1E-5	-3.5E-5	-1.0E-4	2.6E-8	-2.6E-8
831	0.038	-0.037	0.049	-0.048	-0.065	-0.087	9.8E-6	-5.0E-5	-6.0E-5	-1.2E-4	1.7E-8	-1.7E-8
832	0.039	-0.037	0.040	-0.039	-0.065	-0.084	1.4E-5	-4.5E-5	-8.1E-5	-1.3E-4	1.8E-8	-1.8E-8
833	0.039	-0.038	0.032	-0.032	-0.065	-0.082	1.8E-5	-3.9E-5	-9.5E-5	-1.4E-4	2.3E-8	-2.3E-8
834	0.039	-0.038	0.032	-0.032	-0.064	-0.081	2.1E-5	-3.3E-5	-1.1E-4	-1.5E-4	7.6E-9	-7.6E-9
835	0.040	-0.038	0.032	-0.032	-0.064	-0.080	1.9E-5	-2.9E-5	-1.1E-4	-1.5E-4	1.8E-8	-1.8E-8
836	0.040	-0.039	0.032	-0.032	-0.064	-0.079	1.7E-5	-2.6E-5	-1.1E-4	-1.6E-4	9.1E-9	-9.1E-9
837	0.053	-0.051	0.033	-0.033	-0.054	-0.065	1.0E-5	-2.3E-5	-9.8E-5	-1.4E-4	7.2E-9	-7.2E-9
838	0.066	-0.064	0.033	-0.033	-0.046	-0.053	3.1E-6	-2.2E-5	-7.3E-5	-1.1E-4	2.7E-8	-2.7E-8
839	0.079	-0.078	0.034	-0.034	-0.040	-0.045	1.4E-7	-2.4E-5	-4.9E-5	-7.8E-5	1.5E-8	-1.5E-8
840	0.092	-0.091	0.035	-0.035	-0.036	-0.039	-8.1E-7	-2.3E-5	-3.2E-5	-5.4E-5	2.8E-9	-2.8E-9
841	0.106	-0.105	0.036	-0.036	-0.033	-0.036	-4.9E-8	-2.0E-5	-2.1E-5	-4.0E-5	8.0E-9	-8.0E-9
842	0.120	-0.118	0.036	-0.036	-0.031	-0.033	2.4E-6	-1.5E-5	-1.7E-5	-3.5E-5	1.6E-8	-1.6E-8
843	0.134	-0.132	0.039	-0.039	-0.028	-0.031	6.7E-6	-7.3E-6	-1.7E-5	-3.6E-5	1.0E-8	-1.0E-8
844	0.050	-0.048	0.076	-0.076	-0.065	-0.095	-3.1E-5	-5.7E-5	4.1E-5	-4.9E-5	1.0E-9	-1.0E-9
845	0.050	-0.048	0.067	-0.067	-0.062	-0.091	-3.3E-5	-7.5E-5	1.4E-5	-6.9E-5	2.6E-8	-2.6E-8
846	0.050	-0.049	0.058	-0.058	-0.060	-0.085	-2.2E-5	-8.4E-5	-1.9E-5	-9.0E-5	2.8E-8	-2.8E-8
847	0.051	-0.049	0.049	-0.049	-0.058	-0.079	-1.2E-5	-7.7E-5	-4.6E-5	-1.1E-4	1.6E-8	-1.6E-8
848	0.051	-0.050	0.040	-0.040	-0.057	-0.074	-3.5E-6	-6.4E-5	-6.8E-5	-1.2E-4	3.0E-8	-3.0E-8
849	0.051	-0.050	0.033	-0.033	-0.056	-0.070	1.8E-6	-4.9E-5	-8.2E-5	-1.3E-4	1.4E-8	-1.4E-8
850	0.052	-0.051	0.033	-0.033	-0.055	-0.068	5.2E-6	-3.7E-5	-9.0E-5	-1.4E-4	8.5E-9	-8.5E-9
851	0.052	-0.051	0.033	-0.033	-0.054	-0.066	8.8E-6	-2.9E-5	-9.5E-5	-1.4E-4	2.6E-8	-2.6E-8
852	0.065	-0.064	0.033	-0.033	-0.046	-0.055	8.8E-7	-3.3E-5	-7.1E-5	-1.1E-4	2.6E-8	-2.6E-8
853	0.079	-0.077	0.034	-0.034	-0.041	-0.047	-3.1E-6	-3.7E-5	-4.9E-5	-7.9E-5	9.6E-9	-9.6E-9
854	0.092	-0.091	0.035	-0.035	-0.036	-0.042	-4.6E-6	-3.8E-5	-3.4E-5	-5.7E-5	2.4E-8	-2.4E-8
855	0.106	-0.104	0.036	-0.036	-0.033	-0.038	-3.7E-6	-3.4E-5	-2.6E-5	-4.5E-5	5.6E-9	-5.6E-9
856	0.120	-0.118	0.036	-0.036	-0.031	-0.035	-4.6E-7	-2.7E-5	-2.2E-5	-4.4E-5	3.4E-9	-3.4E-9
857	0.134	-0.132	0.039	-0.039	-0.028	-0.031	5.1E-6	-1.7E-5	-2.3E-5	-4.7E-5	1.2E-8	-1.2E-8
858	0.061	-0.060	0.076	-0.076	-0.064	-0.098	-6.8E-5	-8.3E-5	6.5E-5	-3.5E-5	2.5E-8	-2.5E-8
859	0.062	-0.060	0.067	-0.067	-0.060	-0.091	-6.2E-5	-1.2E-4	2.0E-5	-6.0E-5	4.0E-9	-4.0E-9
860	0.062	-0.061	0.059	-0.059	-0.055	-0.082	-4.6E-5	-1.2E-4	-1.4E-5	-7.8E-5	1.6E-8	-1.6E-8
861	0.063	-0.062	0.050	-0.050	-0.052	-0.074	-3.1E-5	-1.0E-4	-3.7E-5	-8.9E-5	2.5E-8	-2.5E-8
862	0.064	-0.062	0.042	-0.042	-0.050	-0.067	-1.8E-5	-8.5E-5	-5.3E-5	-9.6E-5	4.4E-9	-4.4E-9
863	0.064	-0.063	0.033	-0.033	-0.049	-0.061	-9.1E-6	-6.5E-5	-6.2E-5	-1.0E-4	2.8E-8	-2.8E-8
864	0.065	-0.064	0.033	-0.033	-0.048	-0.057	-2.9E-6	-4.7E-5	-6.8E-5	-1.1E-4	1.9E-8	-1.9E-8
865	0.078	-0.077	0.034	-0.034	-0.041	-0.050	-8.7E-6	-5.5E-5	-4.9E-5	-7.9E-5	2.0E-8	-2.0E-8
866	0.092	-0.090	0.035	-0.035	-0.037	-0.046	-1.1E-5	-5.7E-5	-3.7E-5	-6.1E-5	2.2E-8	-2.2E-8
867	0.105	-0.104	0.036	-0.036	-0.034	-0.042	-1.0E-5	-5.1E-5	-3.0E-5	-5.4E-5	7.5E-9	-7.5E-9
868	0.119	-0.118	0.037	-0.037	-0.031	-0.038	-6.0E-6	-4.1E-5	-2.8E-5	-5.6E-5	1.3E-9	-1.3E-9
869	0.134	-0.132	0.039	-0.039	-0.028	-0.033	1.0E-6	-2.8E-5	-3.0E-5	-6.1E-5	1.8E-8	-1.8E-8
870	0.073	-0.072	0.076	-0.076	-0.064	-0.100	-1.0E-4	-1.3E-4	-3.4E-6	-7.1E-5	3.1E-8	-3.1E-8
871	0.074	-0.073	0.068	-0.068	-0.057	-0.089	-8.5E-5	-1.5E-4	-1.5E-5	-7.4E-5	1.3E-8	-1.3E-8

872	0.075	-0.074	0.060	-0.060	-0.052	-0.079	-6.3E-5	-1.4E-4	-3.0E-5	-7.8E-5	9.8E-9	-9.8E-9
873	0.076	-0.074	0.052	-0.052	-0.048	-0.070	-4.4E-5	-1.2E-4	-3.9E-5	-7.9E-5	2.5E-8	-2.5E-8
874	0.077	-0.075	0.044	-0.044	-0.045	-0.062	-2.9E-5	-9.9E-5	-4.5E-5	-7.9E-5	6.5E-9	-6.5E-9
875	0.078	-0.076	0.035	-0.035	-0.043	-0.055	-1.7E-5	-7.6E-5	-4.8E-5	-7.9E-5	7.7E-9	-7.7E-9
876	0.091	-0.090	0.038	-0.038	-0.038	-0.051	-2.1E-5	-7.8E-5	-4.1E-5	-6.6E-5	1.4E-8	-1.4E-8
877	0.105	-0.104	0.042	-0.042	-0.035	-0.047	-2.0E-5	-7.0E-5	-3.6E-5	-6.7E-5	3.8E-9	-3.8E-9
878	0.119	-0.118	0.045	-0.045	-0.032	-0.042	-1.5E-5	-5.5E-5	-3.6E-5	-7.2E-5	1.1E-8	-1.1E-8
879	0.134	-0.132	0.049	-0.049	-0.029	-0.036	-6.3E-6	-3.8E-5	-4.0E-5	-7.7E-5	1.1E-9	-1.1E-9
880	0.086	-0.084	0.078	-0.078	-0.061	-0.093	-8.2E-5	-1.2E-4	-6.5E-5	-1.3E-4	2.2E-8	-2.2E-8
881	0.087	-0.085	0.070	-0.070	-0.054	-0.084	-8.9E-5	-1.3E-4	-5.9E-5	-1.2E-4	3.5E-9	-3.5E-9
882	0.088	-0.087	0.062	-0.062	-0.048	-0.074	-6.9E-5	-1.3E-4	-5.2E-5	-1.0E-4	1.2E-8	-1.2E-8
883	0.089	-0.088	0.054	-0.054	-0.044	-0.065	-5.1E-5	-1.2E-4	-4.8E-5	-8.6E-5	2.2E-8	-2.2E-8
884	0.090	-0.089	0.047	-0.047	-0.041	-0.057	-3.5E-5	-1.0E-4	-4.4E-5	-7.5E-5	6.5E-9	-6.5E-9
885	0.104	-0.103	0.050	-0.050	-0.037	-0.052	-3.2E-5	-8.6E-5	-4.4E-5	-8.4E-5	1.9E-8	-1.9E-8
886	0.119	-0.117	0.055	-0.055	-0.034	-0.047	-2.6E-5	-6.5E-5	-4.7E-5	-9.1E-5	1.2E-9	-1.2E-9
887	0.133	-0.132	0.060	-0.060	-0.030	-0.040	-1.7E-5	-4.6E-5	-5.0E-5	-9.3E-5	8.0E-9	-8.0E-9
888	0.098	-0.097	0.079	-0.079	-0.054	-0.080	-6.1E-5	-9.5E-5	-9.2E-5	-1.6E-4	1.9E-8	-1.9E-8
889	0.100	-0.099	0.072	-0.072	-0.049	-0.073	-6.7E-5	-9.9E-5	-7.7E-5	-1.4E-4	1.4E-8	-1.4E-8
890	0.102	-0.100	0.065	-0.065	-0.044	-0.066	-6.0E-5	-1.0E-4	-6.5E-5	-1.2E-4	3.8E-9	-3.8E-9
891	0.103	-0.102	0.058	-0.058	-0.040	-0.059	-4.7E-5	-9.7E-5	-5.4E-5	-1.0E-4	1.1E-8	-1.1E-8
892	0.118	-0.116	0.063	-0.063	-0.036	-0.052	-3.6E-5	-6.8E-5	-5.8E-5	-1.1E-4	2.1E-8	-2.1E-8
893	0.133	-0.131	0.070	-0.070	-0.032	-0.044	-2.5E-5	-5.5E-5	-5.9E-5	-1.1E-4	1.9E-8	-1.9E-8
894	0.110	-0.108	0.081	-0.081	-0.048	-0.068	-4.6E-5	-8.1E-5	-8.6E-5	-1.5E-4	2.7E-8	-2.7E-8
895	0.112	-0.111	0.076	-0.076	-0.044	-0.063	-4.7E-5	-7.6E-5	-7.9E-5	-1.4E-4	7.4E-9	-7.4E-9
896	0.116	-0.115	0.071	-0.071	-0.039	-0.057	-4.3E-5	-7.1E-5	-6.9E-5	-1.3E-4	1.1E-8	-1.1E-8
897	0.131	-0.130	0.078	-0.078	-0.035	-0.048	-2.9E-5	-6.8E-5	-6.6E-5	-1.1E-4	1.2E-9	-1.2E-9
898	0.125	-0.123	0.082	-0.082	-0.040	-0.054	-3.3E-5	-7.6E-5	-7.2E-5	-1.2E-4	7.3E-9	-7.3E-9
899	0.119	-0.117	0.084	-0.084	-0.044	-0.060	-3.7E-5	-8.1E-5	-7.9E-5	-1.3E-4	1.7E-8	-1.7E-8
900	0.117	-0.116	0.184	-0.183	-0.057	-0.150	3.4E-4	-1.5E-5	3.5E-4	6.6E-5	6.9E-9	-6.9E-9
901	0.120	-0.119	0.170	-0.170	-0.054	-0.118	3.6E-4	5.2E-5	2.4E-4	6.9E-5	1.3E-8	-1.3E-8
902	0.123	-0.121	0.157	-0.156	-0.045	-0.090	3.0E-4	6.1E-5	1.4E-4	4.6E-5	4.3E-9	-4.3E-9
903	0.104	-0.103	0.183	-0.182	-0.051	-0.123	2.8E-4	-3.4E-5	2.7E-4	6.0E-5	2.0E-9	-2.0E-9
904	0.107	-0.106	0.169	-0.169	-0.048	-0.101	2.7E-4	2.5E-5	1.9E-4	5.6E-5	2.5E-8	-2.5E-8
905	0.110	-0.109	0.156	-0.156	-0.040	-0.082	2.3E-4	4.4E-5	1.2E-4	3.3E-5	1.6E-8	-1.6E-8
906	0.091	-0.090	0.182	-0.181	-0.046	-0.104	2.4E-4	-4.4E-5	1.6E-4	3.2E-5	8.0E-9	-8.0E-9
907	0.095	-0.093	0.168	-0.168	-0.042	-0.090	2.2E-4	-3.2E-6	1.2E-4	2.7E-5	4.4E-9	-4.4E-9
908	0.098	-0.097	0.155	-0.155	-0.035	-0.078	1.8E-4	2.6E-5	1.0E-4	-1.5E-5	2.2E-8	-2.2E-8
909	0.078	-0.077	0.181	-0.181	-0.044	-0.096	2.3E-4	-7.2E-5	6.4E-5	-1.8E-5	1.2E-8	-1.2E-8
910	0.082	-0.081	0.168	-0.168	-0.039	-0.086	1.9E-4	-2.9E-5	7.2E-5	-4.9E-5	2.5E-8	-2.5E-8
911	0.086	-0.085	0.155	-0.155	-0.030	-0.080	1.5E-4	2.3E-6	7.2E-5	-8.6E-5	6.2E-0	-6.2E-0
912	0.066	-0.064	0.180	-0.180	-0.045	-0.097	2.6E-4	-1.3E-4	-2.9E-6	-8.9E-5	2.4E-8	-2.4E-8
913	0.070	-0.069	0.167	-0.167	-0.037	-0.092	2.1E-4	-8.7E-5	2.4E-5	-1.3E-4	1.9E-8	-1.9E-8
914	0.074	-0.073	0.154	-0.154	-0.027	-0.090	1.4E-4	-2.8E-5	4.3E-5	-1.7E-4	2.8E-8	-2.8E-8
915	0.063	-0.061	0.174	-0.174	-0.060	-0.149	3.7E-4	-2.8E-4	1.6E-5	-3.8E-4	4.1E-9	-4.1E-9
916	0.063	-0.061	0.176	-0.177	-0.054	-0.125	3.4E-4	-2.5E-4	-2.6E-5	-2.8E-4	1.2E-8	-1.2E-8
917	0.063	-0.061	0.178	-0.178	-0.048	-0.108	3.0E-4	-2.0E-4	-3.6E-5	-1.8E-4	1.3E-8	-1.3E-8
918	0.060	-0.059	0.166	-0.166	-0.038	-0.105	2.5E-4	-1.6E-4	-3.3E-5	-1.9E-4	5.0E-9	-5.0E-9
919	0.063	-0.062	0.154	-0.154	-0.025	-0.107	1.7E-4	-7.9E-5	4.4E-6	-2.4E-4	2.6E-8	-2.6E-8
920	0.061	-0.060	0.163	-0.163	-0.060	-0.136	3.4E-4	-2.9E-4	-1.9E-5	-3.3E-4	1.3E-8	-1.3E-8
921	0.061	-0.059	0.165	-0.165	-0.046	-0.121	3.0E-4	-2.4E-4	-7.0E-5	-2.4E-4	2.5E-8	-2.5E-8
922	0.059	-0.058	0.153	-0.153	-0.028	-0.129	2.2E-4	-1.5E-4	-5.7E-5	-2.7E-4	9.9E-9	-9.9E-9
923	0.059	-0.058	0.152	-0.152	-0.038	-0.148	2.8E-4	-2.4E-4	-7.5E-5	-2.7E-4	2.7E-8	-2.7E-8
924	0.127	-0.126	0.130	-0.130	-0.034	-0.051	1.5E-4	3.0E-5	6.4E-5	-1.2E-5	1.8E-8	-1.8E-8
925	0.129	-0.127	0.117	-0.117	-0.031	-0.040	9.3E-5	1.2E-5	4.5E-5	-2.8E-5	1.9E-8	-1.9E-8
926	0.130	-0.129	0.104	-0.104	-0.029	-0.035	5.3E-5	3.1E-7	3.2E-5	-3.3E-5	5.5E-9	-5.5E-9
927	0.131	-0.129	0.091	-0.091	-0.028	-0.033	2.8E-5	-6.9E-6	2.1E-5	-3.3E-5	2.5E-8	-2.5E-8
928	0.131	-0.130	0.079	-0.079	-0.027	-0.033	1.2E-5	-8.4E-6	1.4E-5	-3.0E-5	1.8E-8	-1.8E-8
929	0.132	-0.131	0.066	-0.066	-0.027	-0.033	3.2E-6	-7.6E-6	7.9E-6	-2.6E-5	1.3E-8	-1.3E-8
930	0.055	-0.054	0.137	-0.137	-0.058	-0.135	1.9E-4	-5.4E-5	2.1E-4	-2.5E-4	1.9E-8	-1.9E-8
931	0.055	-0.054	0.132	-0.132	-0.039	-0.146	3.1E-4	-7.3E-5	7.4E-5	-2.2E-4	8.2E-9	-8.2E-9
932	0.054	-0.053	0.130	-0.130	-0.025	-0.140	2.4E-4	-5.7E-5	-9.6E-5	-1.9E-4	3.0E-9	-3.0E-9
933	0.057	-0.056	0.130	-0.130	-0.018	-0.120	1.9E-4	-4.6E-5	-4.1E-5	-2.7E-4	1.6E-8	-1.6E-8
934	0.068	-0.067	0.130	-0.130	-0.017	-0.097	1.3E-4	-2.3E-5	4.5E-6	-2.4E-4	4.4E-9	-4.4E-9
935	0.079	-0.078	0.130	-0.130	-0.019	-0.078	1.1E-4	-8.7E-6	3.2E-5	-1.9E-4	4.1E-9	-4.1E-9
936	0.091	-0.090	0.130	-0.130	-0.022	-0.065	9.9E-5	4.3E-6	4.7E-5	-1.2E-4	1.3E-8	-1.3E-8
937	0.103	-0.101	0.130	-0.130	-0.026	-0.056	1.1E-4	1.4E-5	5.8E-5	-6.9E-5	1.3E-8	-1.3E-8
938	0.115	-0.114	0.130	-0.129	-0.030	-0.052	1.2E-4	2.2E-5	6.4E-5	-3.2E-5	2.4E-8	-2.4E-8
939	0.116	-0.115	0.117	-0.117	-0.028	-0.043	8.3E-5	3.7E-6	4.4E-5	-4.3E-5	5.6E-0	-5.6E-0
940	0.117	-0.116	0.104	-0.104	-0.027	-0.038	5.3E-5	-8.5E-6	2.9E-5	-4.4E-5	1.1E-0	-1.1E-0
941	0.118	-0.116	0.091	-0.091	-0.028	-0.034	3.2E-5	-1.5E-5	1.8E-5	-4.0E-5	1.5E-8	-1.5E-8
942	0.118	-0.117	0.078	-0.078	-0.028	-0.033	1.7E-5	-1.5E-5	9.7E-6	-3.5E-5	1.3E-8	-1.3E-8
943	0.118	-0.117	0.066	-0.066	-0.029	-0.033	6.1E-6	-1.1E-5	3.9E-6	-3.0E-5	6.3E-9	-6.3E-9

944	0.052	-0.051	0.127	-0.127	-0.062	-0.122	2.0E-4	-9.7E-5	1.5E-4	-2.4E-4	4.1E-0	-4.1E-0
945	0.052	-0.051	0.123	-0.123	-0.046	-0.125	2.6E-4	-1.0E-4	7.0E-5	-2.5E-4	2.4E-8	-2.4E-8
946	0.051	-0.050	0.121	-0.121	-0.032	-0.119	2.8E-4	-1.0E-4	-6.6E-5	-1.9E-4	1.4E-8	-1.4E-8
947	0.057	-0.056	0.120	-0.120	-0.024	-0.104	2.2E-4	-8.2E-5	-7.2E-5	-1.9E-4	2.1E-9	-2.1E-9
948	0.069	-0.068	0.119	-0.119	-0.020	-0.086	1.6E-4	-5.8E-5	-2.0E-5	-2.0E-4	2.5E-8	-2.5E-8
949	0.080	-0.079	0.118	-0.118	-0.020	-0.070	1.2E-4	-3.7E-5	1.0E-5	-1.6E-4	2.0E-8	-2.0E-8
950	0.092	-0.091	0.117	-0.117	-0.021	-0.057	9.4E-5	-2.0E-5	2.9E-5	-1.1E-4	2.5E-8	-2.5E-8
951	0.104	-0.103	0.117	-0.117	-0.024	-0.049	8.3E-5	-7.1E-6	3.9E-5	-7.3E-5	2.8E-8	-2.8E-8
952	0.104	-0.103	0.104	-0.104	-0.025	-0.043	6.1E-5	-1.9E-5	2.2E-5	-6.6E-5	2.2E-8	-2.2E-8
953	0.105	-0.104	0.091	-0.091	-0.027	-0.038	4.1E-5	-2.4E-5	9.7E-6	-5.6E-5	1.9E-8	-1.9E-8
954	0.105	-0.104	0.078	-0.078	-0.029	-0.035	2.4E-5	-2.1E-5	9.3E-7	-4.7E-5	2.7E-9	-2.7E-9
955	0.105	-0.104	0.066	-0.066	-0.031	-0.034	1.1E-5	-1.6E-5	-5.0E-6	-4.1E-5	2.1E-8	-2.1E-8
956	0.050	-0.049	0.118	-0.118	-0.069	-0.110	1.6E-4	-1.2E-4	8.5E-5	-2.5E-4	2.7E-8	-2.7E-8
957	0.049	-0.048	0.114	-0.114	-0.054	-0.108	2.0E-4	-1.0E-4	2.0E-5	-2.4E-4	1.7E-8	-1.7E-8
958	0.049	-0.047	0.111	-0.111	-0.040	-0.100	2.1E-4	-9.4E-5	-5.9E-5	-1.9E-4	6.0E-9	-6.0E-9
959	0.057	-0.056	0.109	-0.109	-0.031	-0.088	1.9E-4	-8.3E-5	-9.0E-5	-1.5E-4	2.8E-8	-2.8E-8
960	0.069	-0.068	0.107	-0.107	-0.025	-0.074	1.5E-4	-6.6E-5	-4.4E-5	-1.5E-4	1.9E-8	-1.9E-8
961	0.081	-0.079	0.106	-0.106	-0.023	-0.061	1.1E-4	-4.7E-5	-1.1E-5	-1.3E-4	8.8E-9	-8.8E-9
962	0.092	-0.091	0.105	-0.104	-0.023	-0.050	7.8E-5	-3.2E-5	9.9E-6	-9.7E-5	3.6E-9	-3.6E-9
963	0.092	-0.091	0.092	-0.092	-0.027	-0.044	5.7E-5	-3.4E-5	-4.3E-6	-7.9E-5	2.3E-8	-2.3E-8
964	0.092	-0.091	0.079	-0.079	-0.030	-0.040	3.5E-5	-2.8E-5	-1.4E-5	-6.6E-5	1.1E-8	-1.1E-8
965	0.092	-0.090	0.066	-0.066	-0.032	-0.038	1.7E-5	-2.0E-5	-2.0E-5	-5.9E-5	2.1E-8	-2.1E-8
966	0.048	-0.046	0.109	-0.109	-0.076	-0.103	1.0E-4	-7.9E-5	4.2E-5	-2.6E-4	5.3E-9	-5.3E-9
967	0.047	-0.046	0.105	-0.105	-0.060	-0.097	1.4E-4	-7.2E-5	-2.7E-5	-2.4E-4	6.7E-9	-6.7E-9
968	0.046	-0.045	0.101	-0.101	-0.047	-0.087	1.5E-4	-7.1E-5	-7.3E-5	-1.9E-4	2.1E-8	-2.1E-8
969	0.057	-0.056	0.098	-0.098	-0.037	-0.075	1.3E-4	-6.6E-5	-9.4E-5	-1.3E-4	1.3E-8	-1.3E-8
970	0.069	-0.068	0.095	-0.095	-0.031	-0.063	1.1E-4	-5.6E-5	-5.9E-5	-1.2E-4	1.3E-8	-1.3E-8
971	0.080	-0.079	0.093	-0.093	-0.028	-0.052	7.8E-5	-4.4E-5	-2.7E-5	-1.0E-4	1.6E-9	-1.6E-9
972	0.080	-0.079	0.080	-0.080	-0.032	-0.047	4.8E-5	-3.4E-5	-3.7E-5	-8.8E-5	1.2E-8	-1.2E-8
973	0.079	-0.078	0.067	-0.067	-0.035	-0.044	2.4E-5	-2.3E-5	-4.2E-5	-8.3E-5	4.9E-9	-4.9E-9
974	0.045	-0.044	0.099	-0.099	-0.078	-0.099	6.6E-5	-3.2E-5	-2.6E-5	-2.3E-4	1.0E-8	-1.0E-8
975	0.044	-0.043	0.094	-0.094	-0.064	-0.090	7.9E-5	-3.5E-5	-6.9E-5	-2.1E-4	4.1E-9	-4.1E-9
976	0.045	-0.044	0.090	-0.090	-0.051	-0.078	8.3E-5	-4.3E-5	-9.1E-5	-1.7E-4	1.1E-8	-1.1E-8
977	0.057	-0.055	0.086	-0.086	-0.042	-0.067	7.5E-5	-4.2E-5	-9.4E-5	-1.3E-4	1.6E-8	-1.6E-8
978	0.068	-0.067	0.082	-0.082	-0.036	-0.056	6.1E-5	-3.9E-5	-6.6E-5	-1.1E-4	5.0E-9	-5.0E-9
979	0.067	-0.066	0.068	-0.068	-0.039	-0.053	2.9E-5	-2.4E-5	-6.8E-5	-1.1E-4	2.0E-8	-2.0E-8
980	0.042	-0.041	0.088	-0.088	-0.077	-0.098	4.6E-5	-9.2E-6	-5.9E-5	-1.8E-4	1.1E-8	-1.1E-8
981	0.041	-0.040	0.081	-0.081	-0.065	-0.087	3.7E-5	-1.4E-5	-9.8E-5	-1.8E-4	1.2E-8	-1.2E-8
982	0.044	-0.043	0.076	-0.076	-0.055	-0.075	3.5E-5	-2.0E-5	-1.1E-4	-1.6E-4	2.0E-9	-2.0E-9
983	0.055	-0.054	0.070	-0.070	-0.047	-0.063	3.0E-5	-2.1E-5	-9.6E-5	-1.4E-4	2.1E-9	-2.1E-9
984	0.040	-0.039	0.078	-0.078	-0.075	-0.098	3.2E-5	-1.8E-5	-7.4E-5	-1.5E-4	1.8E-8	-1.8E-8
985	0.039	-0.038	0.072	-0.072	-0.066	-0.089	1.8E-5	-7.8E-6	-1.1E-4	-1.7E-4	1.0E-8	-1.0E-8
986	0.041	-0.040	0.065	-0.065	-0.058	-0.078	1.9E-5	-1.1E-5	-1.1E-4	-1.7E-4	1.7E-8	-1.7E-8
987	0.038	-0.036	0.061	-0.061	-0.065	-0.087	1.4E-5	-8.2E-6	-1.1E-4	-1.7E-4	1.5E-9	-1.5E-9
988	0.038	-0.036	0.062	-0.062	-0.073	-0.099	1.9E-5	-8.2E-6	-9.7E-5	-1.5E-4	2.1E-8	-2.1E-8
989	0.039	-0.038	0.070	-0.070	-0.075	-0.100	2.6E-5	-1.9E-5	-7.6E-5	-1.4E-4	1.8E-9	-1.8E-9
990	0.039	-0.037	0.068	-0.068	-0.069	-0.092	1.7E-5	-9.1E-6	-1.1E-4	-1.6E-4	2.9E-8	-2.9E-8
991	0.124	-0.123	0.080	-0.081	-0.056	-0.149	3.7E-5	-1.1E-4	2.1E-4	-2.5E-4	2.3E-8	-2.3E-8
992	0.138	-0.137	0.081	-0.081	-0.034	-0.178	3.5E-5	-1.1E-4	2.4E-4	-3.6E-4	1.3E-8	-1.3E-8
993	0.138	-0.137	0.093	-0.093	-0.032	-0.174	7.2E-5	-1.2E-4	2.5E-4	-3.6E-4	1.7E-8	-1.7E-8
994	0.124	-0.122	0.093	-0.093	-0.055	-0.144	7.2E-5	-1.1E-4	2.2E-4	-2.5E-4	2.0E-8	-2.0E-8
995	0.137	-0.136	0.144	-0.144	-0.004	-0.259	4.7E-4	-1.0E-4	4.0E-4	-5.2E-4	1.8E-8	-1.8E-8
996	0.123	-0.122	0.144	-0.144	-0.038	-0.217	4.4E-4	-7.3E-5	3.4E-4	-3.9E-4	1.4E-9	-1.4E-9
997	0.137	-0.136	0.131	-0.131	-0.012	-0.222	3.8E-4	-1.1E-4	3.4E-4	-4.6E-4	2.1E-8	-2.1E-8
998	0.123	-0.122	0.131	-0.131	-0.042	-0.184	3.4E-4	-7.5E-5	2.9E-4	-3.3E-4	1.9E-8	-1.9E-8
999	0.123	-0.122	0.118	-0.118	-0.046	-0.161	2.4E-4	-8.5E-5	2.5E-4	-2.9E-4	2.4E-8	-2.4E-8
1000	0.137	-0.136	0.118	-0.118	-0.020	-0.195	2.6E-4	-1.0E-4	2.9E-4	-4.1E-4	6.7E-0	-6.7E-0
1001	0.091	-0.090	0.078	-0.078	-0.091	-0.119	7.1E-5	-8.9E-5	1.5E-4	-9.8E-5	2.4E-8	-2.4E-8
1002	0.101	-0.099	0.079	-0.079	-0.086	-0.120	6.0E-5	-1.0E-4	1.7E-4	-1.3E-4	2.0E-8	-2.0E-8
1003	0.092	-0.090	0.088	-0.088	-0.096	-0.113	9.1E-5	-1.1E-4	1.5E-4	-7.8E-5	3.9E-9	-3.9E-9
1004	0.101	-0.099	0.090	-0.090	-0.086	-0.117	8.5E-5	-1.1E-4	1.7E-4	-1.1E-4	2.0E-8	-2.0E-8
1005	0.092	-0.090	0.098	-0.098	-0.095	-0.112	1.2E-4	-1.2E-4	1.5E-4	-6.5E-5	2.8E-8	-2.8E-8
1006	0.100	-0.098	0.103	-0.103	-0.084	-0.118	1.4E-4	-1.1E-4	1.7E-4	-9.9E-5	2.3E-8	-2.3E-8
1007	0.090	-0.089	0.107	-0.107	-0.093	-0.117	1.6E-4	-1.1E-4	1.4E-4	-6.9E-5	2.3E-8	-2.3E-8
1008	0.095	-0.094	0.127	-0.127	-0.078	-0.145	2.6E-4	-7.1E-5	1.8E-4	-1.3E-4	3.1E-9	-3.1E-9
1009	0.091	-0.089	0.147	-0.147	-0.072	-0.186	3.5E-4	-5.1E-5	1.7E-4	-1.9E-4	2.7E-8	-2.7E-8
1010	0.095	-0.093	0.138	-0.138	-0.074	-0.167	3.2E-4	-5.6E-5	1.8E-4	-1.8E-4	8.3E-9	-8.3E-9
1011	0.099	-0.098	0.149	-0.149	-0.068	-0.195	3.9E-4	-5.6E-5	2.3E-4	-2.6E-4	1.9E-8	-1.9E-8
1012	0.064	-0.062	0.133	-0.133	-0.081	-0.154	2.4E-4	-9.3E-5	5.4E-5	-6.7E-5	2.0E-8	-2.0E-8
1013	0.072	-0.071	0.135	-0.135	-0.079	-0.158	2.6E-4	-7.8E-5	7.4E-5	-9.0E-5	9.1E-9	-9.1E-9
1014	0.071	-0.070	0.145	-0.145	-0.075	-0.177	3.0E-4	-6.8E-5	5.9E-5	-1.0E-4	2.8E-8	-2.8E-8
1015	0.064	-0.062	0.141	-0.141	-0.076	-0.168	2.8E-4	-8.5E-5	3.6E-5	-6.7E-5	1.6E-9	-1.6E-9

1016	0.063	-0.062	0.148	-0.148	-0.073	-0.181	3.1E-4	-8.1E-5	3.0E-5	-7.8E-5	1.5E-0	-1.5E-0
1017	0.052	-0.051	0.133	-0.133	-0.083	-0.150	2.5E-4	-1.2E-4	4.5E-5	-6.7E-5	3.5E-8	-3.5E-8
1018	0.057	-0.055	0.149	-0.149	-0.071	-0.180	3.2E-4	-1.3E-4	9.5E-5	-1.4E-4	8.4E-9	-8.4E-9
1019	0.063	-0.062	0.105	-0.105	-0.097	-0.121	1.5E-4	-1.2E-4	9.6E-5	-6.8E-5	1.5E-8	-1.5E-8
1020	0.063	-0.062	0.115	-0.115	-0.092	-0.129	1.8E-4	-1.1E-4	8.7E-5	-6.5E-5	1.9E-8	-1.9E-8
1021	0.045	-0.044	0.079	-0.079	-0.081	-0.136	6.2E-5	-6.6E-5	1.2E-5	-4.8E-5	4.8E-9	-4.8E-9
1022	0.055	-0.053	0.081	-0.081	-0.084	-0.133	6.2E-5	-7.2E-5	4.7E-5	-5.7E-5	1.6E-8	-1.6E-8
1023	0.073	-0.072	0.086	-0.086	-0.095	-0.121	9.4E-5	-1.0E-4	1.1E-4	-8.1E-5	2.8E-8	-2.8E-8
1024	0.065	-0.063	0.082	-0.082	-0.089	-0.128	8.0E-5	-9.1E-5	8.7E-5	-7.3E-5	1.8E-8	-1.8E-8
1025	0.074	-0.073	0.077	-0.077	-0.091	-0.125	7.7E-5	-7.2E-5	1.1E-4	-8.3E-5	9.2E-9	-9.2E-9
1026	0.048	-0.046	0.113	-0.113	-0.092	-0.129	1.7E-4	-1.1E-4	3.0E-5	-6.6E-5	2.5E-8	-2.5E-8
1027	0.045	-0.044	0.103	-0.103	-0.090	-0.127	1.3E-4	-1.0E-4	1.5E-5	-5.8E-5	8.9E-0	-8.9E-0
1028	0.046	-0.045	0.034	-0.034	-0.073	-0.118	-3.7E-6	-4.8E-5	4.7E-5	-3.5E-5	8.6E-0	-8.6E-0
1029	0.071	-0.070	0.036	-0.036	-0.076	-0.117	-7.4E-7	-5.7E-5	4.1E-5	-7.7E-5	7.2E-9	-7.2E-9
1030	0.035	-0.034	0.036	-0.036	-0.078	-0.107	3.5E-5	-2.0E-5	3.1E-5	-3.6E-5	6.0E-9	-6.0E-9
1031	0.036	-0.034	0.046	-0.045	-0.078	-0.109	3.7E-5	-9.7E-6	2.9E-5	-4.7E-5	9.9E-9	-9.9E-9
1032	0.037	-0.035	0.055	-0.055	-0.079	-0.110	3.0E-5	1.8E-6	2.7E-5	-5.8E-5	2.1E-8	-2.1E-8
1033	0.037	-0.036	0.056	-0.056	-0.074	-0.124	6.8E-5	1.5E-5	3.9E-5	-1.0E-4	4.9E-0	-4.9E-0
1034	0.142	-0.141	0.043	-0.043	-0.050	-0.164	1.3E-5	-8.2E-5	1.5E-4	-3.2E-4	1.5E-8	-1.5E-8
1035	0.142	-0.141	0.043	-0.043	-0.046	-0.162	2.4E-5	-9.4E-5	1.5E-4	-3.3E-4	5.5E-9	-5.5E-9
1036	0.142	-0.141	0.043	-0.043	-0.042	-0.161	6.0E-5	-8.9E-5	1.6E-4	-3.4E-4	4.7E-9	-4.7E-9
1037	0.130	-0.129	0.042	-0.042	-0.061	-0.142	-4.6E-6	-7.2E-5	1.4E-4	-2.5E-4	6.8E-9	-6.8E-9
1038	0.130	-0.129	0.042	-0.042	-0.058	-0.138	5.5E-6	-8.4E-5	1.5E-4	-2.7E-4	6.7E-9	-6.7E-9
1039	0.130	-0.129	0.042	-0.042	-0.055	-0.136	4.2E-5	-7.5E-5	1.5E-4	-2.8E-4	2.3E-8	-2.3E-8
1040	0.095	-0.094	0.038	-0.039	-0.090	-0.105	-1.4E-5	-6.2E-5	1.3E-4	-1.3E-4	1.9E-8	-1.9E-8
1041	0.107	-0.106	0.040	-0.040	-0.083	-0.112	-9.7E-6	-7.6E-5	1.4E-4	-1.5E-4	1.3E-8	-1.3E-8
1042	0.118	-0.117	0.041	-0.041	-0.072	-0.125	-7.8E-6	-7.5E-5	1.4E-4	-1.9E-4	1.5E-8	-1.5E-8
1043	0.118	-0.117	0.041	-0.041	-0.069	-0.120	1.4E-6	-8.7E-5	1.4E-4	-2.0E-4	9.3E-9	-9.3E-9
1044	0.119	-0.118	0.041	-0.041	-0.066	-0.117	3.5E-5	-7.3E-5	1.5E-4	-2.1E-4	8.8E-9	-8.8E-9
1045	0.096	-0.094	0.038	-0.039	-0.087	-0.102	-7.5E-7	-8.4E-5	1.3E-4	-1.1E-4	8.9E-0	-8.9E-0
1046	0.107	-0.106	0.040	-0.040	-0.080	-0.107	2.2E-7	-8.8E-5	1.4E-4	-1.5E-4	5.3E-9	-5.3E-9
1047	0.107	-0.106	0.039	-0.040	-0.078	-0.104	3.1E-5	-7.3E-5	1.4E-4	-1.5E-4	2.4E-8	-2.4E-8
1048	0.096	-0.095	0.038	-0.039	-0.082	-0.101	2.9E-5	-7.2E-5	1.2E-4	-1.0E-4	1.1E-8	-1.1E-8
1049	0.095	-0.094	0.039	-0.039	-0.078	-0.108	9.2E-5	-1.1E-5	1.3E-4	-1.0E-4	7.9E-9	-7.9E-9
1050	0.106	-0.105	0.040	-0.040	-0.075	-0.110	9.8E-5	-1.2E-5	1.5E-4	-1.5E-4	7.1E-9	-7.1E-9
1051	0.092	-0.091	0.058	-0.058	-0.082	-0.121	8.2E-5	2.9E-5	1.4E-4	-1.2E-4	2.8E-8	-2.8E-8
1052	0.093	-0.092	0.049	-0.049	-0.079	-0.115	9.6E-5	2.3E-5	1.3E-4	-1.1E-4	2.7E-8	-2.7E-8
1053	0.104	-0.103	0.049	-0.049	-0.076	-0.117	1.1E-4	1.5E-5	1.6E-4	-1.5E-4	2.9E-8	-2.9E-8
1054	0.102	-0.101	0.058	-0.059	-0.079	-0.123	8.8E-5	2.1E-5	1.6E-4	-1.5E-4	1.6E-8	-1.6E-8
1055	0.141	-0.140	0.045	-0.045	-0.037	-0.170	1.3E-4	-5.6E-5	2.0E-4	-3.6E-4	1.4E-8	-1.4E-8
1056	0.129	-0.128	0.043	-0.043	-0.053	-0.142	1.2E-4	-3.3E-5	1.8E-4	-2.8E-4	1.8E-8	-1.8E-8
1057	0.139	-0.138	0.062	-0.062	-0.036	-0.179	9.3E-5	-4.2E-5	2.3E-4	-3.5E-4	1.6E-8	-1.6E-8
1058	0.135	-0.134	0.065	-0.065	-0.043	-0.170	7.5E-5	-3.8E-5	2.2E-4	-3.2E-4	4.9E-9	-4.9E-9
1059	0.120	-0.119	0.056	-0.056	-0.063	-0.139	1.1E-4	-9.9E-7	1.9E-4	-2.3E-4	2.5E-8	-2.5E-8
1060	0.033	-0.031	0.030	-0.030	-0.083	-0.104	1.8E-5	-3.2E-5	3.6E-5	-4.8E-5	2.0E-8	-2.0E-8
1061	0.033	-0.032	0.030	-0.030	-0.081	-0.105	1.3E-5	-3.0E-5	3.4E-5	-3.9E-5	2.1E-8	-2.1E-8
1062	0.034	-0.032	0.030	-0.030	-0.080	-0.105	1.6E-5	-2.4E-5	3.3E-5	-3.1E-5	7.5E-9	-7.5E-9
1063	0.033	-0.031	0.031	-0.031	-0.078	-0.112	-1.7E-6	-3.9E-5	5.4E-5	-7.7E-5	2.6E-9	-2.6E-9
1064	0.138	-0.137	0.075	-0.076	-0.063	-0.138	6.7E-5	-1.2E-4	6.3E-5	-2.9E-4	2.6E-8	-2.6E-8
1065	0.138	-0.137	0.064	-0.064	-0.064	-0.133	7.1E-5	-1.2E-4	5.7E-5	-2.8E-4	2.5E-8	-2.5E-8
1066	0.124	-0.123	0.075	-0.075	-0.069	-0.114	4.2E-5	-8.6E-5	6.5E-5	-2.1E-4	2.0E-8	-2.0E-8
1067	0.124	-0.123	0.064	-0.064	-0.068	-0.110	4.5E-5	-8.2E-5	6.3E-5	-2.0E-4	4.1E-9	-4.1E-9
1068	0.096	-0.095	0.075	-0.075	-0.075	-0.098	7.1E-6	-4.8E-5	9.0E-5	-5.9E-5	4.9E-9	-4.9E-9
1069	0.110	-0.109	0.075	-0.075	-0.074	-0.100	2.1E-5	-6.1E-5	7.9E-5	-1.2E-4	2.6E-8	-2.6E-8
1070	0.110	-0.109	0.064	-0.064	-0.074	-0.096	2.4E-5	-5.7E-5	7.7E-5	-1.1E-4	2.4E-8	-2.4E-8
1071	0.096	-0.095	0.064	-0.064	-0.075	-0.095	1.8E-5	-5.2E-5	8.5E-5	-5.7E-5	1.9E-8	-1.9E-8
1072	0.138	-0.137	0.043	-0.043	-0.062	-0.133	1.1E-4	-6.8E-5	6.8E-5	-2.7E-4	5.1E-9	-5.1E-9
1073	0.137	-0.136	0.043	-0.043	-0.061	-0.137	1.3E-4	-4.4E-5	8.6E-5	-2.7E-4	1.2E-8	-1.2E-8
1074	0.131	-0.130	0.042	-0.042	-0.063	-0.141	9.3E-5	-1.3E-5	1.2E-4	-2.4E-4	2.3E-8	-2.3E-8
1075	0.136	-0.135	0.043	-0.043	-0.061	-0.143	1.2E-4	-2.7E-5	1.0E-4	-2.7E-4	2.2E-8	-2.2E-8
1076	0.142	-0.141	0.043	-0.044	-0.054	-0.162	8.4E-5	-3.1E-5	1.3E-4	-3.0E-4	1.3E-9	-1.3E-9
1077	0.093	-0.092	0.041	-0.041	-0.079	-0.095	7.6E-5	1.2E-7	9.0E-5	-6.7E-5	1.7E-8	-1.7E-8
1078	0.112	-0.112	0.040	-0.041	-0.075	-0.102	1.0E-4	-2.8E-6	9.6E-5	-1.4E-4	2.7E-8	-2.7E-8
1079	0.104	-0.103	0.040	-0.040	-0.079	-0.094	8.3E-5	-6.7E-7	9.6E-5	-9.8E-5	9.1E-9	-9.1E-9
1080	0.115	-0.114	0.044	-0.045	-0.072	-0.101	7.9E-5	-2.2E-5	8.3E-5	-1.5E-4	8.1E-9	-8.1E-9
1081	0.109	-0.108	0.040	-0.040	-0.081	-0.113	9.4E-5	1.5E-5	1.3E-4	-1.4E-4	1.9E-9	-1.9E-9
1082	0.034	-0.033	0.058	-0.058	-0.074	-0.103	3.9E-5	-1.0E-5	5.1E-5	-2.8E-5	2.7E-8	-2.7E-8
1083	0.034	-0.033	0.068	-0.067	-0.073	-0.102	3.0E-5	-1.0E-5	4.8E-5	-3.8E-5	1.9E-8	-1.9E-8
1084	0.035	-0.034	0.077	-0.077	-0.072	-0.101	2.2E-5	-1.0E-5	4.7E-5	-4.8E-5	1.5E-8	-1.5E-8
1085	0.035	-0.034	0.077	-0.077	-0.077	-0.097	1.7E-5	-2.0E-5	7.1E-5	-8.2E-5	1.5E-8	-1.5E-8
1086	0.035	-0.034	0.076	-0.076	-0.080	-0.096	1.2E-5	-3.2E-5	6.6E-5	-9.3E-5	2.5E-8	-2.5E-8
1087	0.034	-0.033	0.059	-0.059	-0.077	-0.098	3.1E-5	-1.6E-5	8.1E-5	-5.6E-5	2.3E-8	-2.3E-8

1088	0.034	-0.033	0.067	-0.067	-0.077	-0.097	1.6E-5	-1.6E-5	7.6E-5	-6.9E-5	2.9E-8	-2.9E-8
1089	0.034	-0.033	0.067	-0.067	-0.080	-0.094	1.1E-5	-3.0E-5	7.2E-5	-8.4E-5	8.1E-9	-8.1E-9
1090	0.034	-0.033	0.059	-0.059	-0.079	-0.094	2.4E-5	-2.3E-5	8.0E-5	-7.2E-5	1.6E-9	-1.6E-9
1091	0.034	-0.033	0.058	-0.058	-0.078	-0.095	2.2E-5	-2.9E-5	7.1E-5	-7.4E-5	5.7E-9	-5.7E-9
1092	0.033	-0.032	0.042	-0.042	-0.080	-0.096	6.5E-5	-2.1E-5	8.2E-5	-6.6E-5	2.1E-8	-2.1E-8
1093	0.033	-0.032	0.042	-0.042	-0.078	-0.098	6.7E-5	-1.9E-5	7.3E-5	-6.9E-5	7.4E-9	-7.4E-9
1094	0.033	-0.031	0.033	-0.033	-0.080	-0.100	7.7E-5	-1.8E-5	7.6E-5	-7.1E-5	1.8E-8	-1.8E-8
1095	0.033	-0.031	0.032	-0.032	-0.078	-0.103	8.4E-5	-1.1E-5	6.7E-5	-7.3E-5	7.2E-9	-7.2E-9
1096	0.032	-0.031	0.032	-0.032	-0.079	-0.109	7.7E-5	-6.5E-6	6.1E-5	-7.8E-5	2.6E-8	-2.6E-8
1097	0.032	-0.031	0.031	-0.031	-0.081	-0.104	7.6E-5	-1.4E-5	6.9E-5	-7.9E-5	1.7E-8	-1.7E-8
1098	0.032	-0.031	0.031	-0.031	-0.081	-0.107	6.3E-5	-1.4E-5	6.3E-5	-8.4E-5	2.0E-8	-2.0E-8
1099	0.033	-0.031	0.035	-0.035	-0.081	-0.101	6.5E-5	-3.1E-5	6.2E-5	-4.2E-5	3.3E-8	-3.3E-8
1100	0.033	-0.032	0.038	-0.038	-0.079	-0.103	5.7E-5	-3.5E-5	2.9E-5	-2.7E-5	6.1E-9	-6.1E-9
1101	0.033	-0.032	0.042	-0.042	-0.079	-0.101	5.9E-5	-2.9E-5	6.7E-5	-4.0E-5	1.9E-8	-1.9E-8
1102	0.041	-0.040	0.139	-0.139	-0.062	-0.125	1.4E-4	-2.9E-4	1.3E-4	-8.3E-5	1.8E-8	-1.8E-8
1103	0.042	-0.041	0.150	-0.150	-0.052	-0.148	1.5E-4	-3.6E-4	1.4E-4	-1.2E-4	9.1E-9	-9.1E-9
1104	0.043	-0.042	0.161	-0.161	-0.040	-0.177	1.5E-4	-4.2E-4	1.6E-4	-1.6E-4	1.9E-8	-1.9E-8
1105	0.044	-0.043	0.161	-0.161	-0.027	-0.192	1.7E-4	-4.8E-4	1.3E-4	-1.7E-4	8.0E-9	-8.0E-9
1106	0.045	-0.044	0.160	-0.160	-0.021	-0.202	1.7E-4	-5.2E-4	3.9E-5	-1.2E-4	9.8E-9	-9.8E-9
1107	0.041	-0.040	0.140	-0.140	-0.053	-0.131	1.5E-4	-3.2E-4	1.2E-4	-9.9E-5	1.5E-8	-1.5E-8
1108	0.043	-0.042	0.150	-0.150	-0.040	-0.158	1.7E-4	-4.1E-4	1.2E-4	-1.3E-4	2.5E-9	-2.5E-9
1109	0.043	-0.042	0.150	-0.149	-0.034	-0.166	1.7E-4	-4.4E-4	4.4E-5	-9.2E-5	2.3E-8	-2.3E-8
1110	0.042	-0.041	0.140	-0.140	-0.046	-0.138	1.6E-4	-3.5E-4	8.0E-5	-9.3E-5	8.2E-9	-8.2E-9
1111	0.042	-0.041	0.140	-0.140	-0.043	-0.142	1.5E-4	-3.5E-4	3.2E-5	-6.7E-5	1.8E-8	-1.8E-8
1112	0.039	-0.038	0.122	-0.122	-0.064	-0.104	1.3E-4	-1.8E-4	8.8E-5	-8.3E-5	9.5E-9	-9.5E-9
1113	0.040	-0.039	0.122	-0.122	-0.061	-0.108	1.3E-4	-1.8E-4	5.3E-5	-6.9E-5	2.3E-8	-2.3E-8
1114	0.038	-0.037	0.112	-0.111	-0.072	-0.096	1.1E-4	-1.0E-4	8.0E-5	-8.4E-5	7.7E-9	-7.7E-9
1115	0.038	-0.037	0.110	-0.110	-0.069	-0.099	1.1E-4	-8.9E-5	5.7E-5	-7.7E-5	1.3E-8	-1.3E-8
1116	0.037	-0.036	0.099	-0.099	-0.075	-0.097	9.2E-5	-3.3E-5	5.9E-5	-8.6E-5	9.6E-9	-9.6E-9
1117	0.037	-0.036	0.102	-0.102	-0.076	-0.093	9.3E-5	-5.1E-5	7.4E-5	-9.0E-5	7.6E-9	-7.6E-9
1118	0.037	-0.036	0.095	-0.095	-0.079	-0.093	7.5E-5	-2.6E-5	6.9E-5	-9.4E-5	2.4E-8	-2.4E-8
1119	0.039	-0.038	0.119	-0.119	-0.075	-0.098	9.5E-5	-1.5E-4	9.6E-5	-4.8E-5	1.5E-8	-1.5E-8
1120	0.037	-0.036	0.101	-0.101	-0.073	-0.097	6.1E-5	-6.0E-5	4.4E-5	-3.1E-5	4.4E-9	-4.4E-9
1121	0.037	-0.035	0.096	-0.096	-0.071	-0.099	4.5E-5	-5.5E-5	1.4E-5	-3.5E-5	2.7E-8	-2.7E-8
1122	0.038	-0.037	0.096	-0.096	-0.071	-0.097	4.0E-5	-6.8E-5	3.4E-5	-3.4E-5	2.2E-8	-2.2E-8
1123	0.038	-0.037	0.117	-0.116	-0.078	-0.097	5.8E-5	-1.2E-4	2.1E-5	-2.7E-5	1.1E-8	-1.1E-8
1124	0.037	-0.036	0.106	-0.106	-0.074	-0.097	5.1E-5	-8.6E-5	1.4E-5	-2.5E-5	9.1E-9	-9.1E-9
1125	0.038	-0.037	0.106	-0.106	-0.075	-0.095	5.0E-5	-9.4E-5	3.8E-5	-2.3E-5	3.0E-8	-3.0E-8
1126	0.038	-0.037	0.116	-0.116	-0.079	-0.096	5.6E-5	-1.2E-4	3.3E-5	-1.4E-5	1.4E-8	-1.4E-8
1127	0.061	-0.059	0.116	-0.115	-0.086	-0.099	6.4E-5	-1.3E-4	8.3E-5	9.4E-7	3.3E-8	-3.3E-8
1128	0.061	-0.059	0.105	-0.105	-0.085	-0.097	5.5E-5	-1.1E-4	8.6E-5	-5.7E-6	2.7E-8	-2.7E-8
1129	0.061	-0.059	0.095	-0.095	-0.077	-0.098	4.3E-5	-1.0E-4	9.2E-5	-1.0E-5	1.7E-8	-1.7E-8

Per edifici con il seguente tipo di elementi: tamponamenti collegati rigidamente (Tamponature fragili), il controllo viene fatto tramite la seguente relazione:

$$d_r < 0.0050\ h$$

dove:
d_r: spostamento relativo tra due impalcati consecutivi;
: altezza dell'impalcato;

Piano : piano considerato;
ELEMENTO : tipo e numero dell'elemento considerato;
drx : traslazione relativa X globale del piano considerato;
dry : traslazione relativa Y globale del piano considerato;
H : altezza del piano considerato;
dlim : spostamento limite da normativa;
Esito : esito della verifica;

Tabella 32.II

Piano	ELEMENTO	drx [cm]	dry [cm]	H [cm]	dlim [cm]	Esito
Piano 1	Pilastro N° 1	0.0925	0.7623	385.0000	1.9250	Verificato
	Pilastro N° 2	0.1650	0.7160	385.0000	1.9250	Verificato
	Pilastro N° 3	0.1966	0.6820	385.0000	1.9250	Verificato
	Pilastro N° 4	0.1946	0.6601	385.0000	1.9250	Verificato
	Pilastro N° 5	0.1640	0.7037	385.0000	1.9250	Verificato
	Pilastro N° 6	0.0963	0.7545	385.0000	1.9250	Verificato
	Pilastro N° 7	0.1227	0.8051	385.0000	1.9250	Verificato
	Pilastro N° 8	0.1940	0.7601	385.0000	1.9250	Verificato

	Pilastro N° 9	0.2253	0.7264	385.0000	1.9250	Verificato
	Pilastro N° 10	0.1483	0.8454	385.0000	1.9250	Verificato
	Pilastro N° 11	0.2165	0.8018	385.0000	1.9250	Verificato
	Pilastro N° 12	0.2487	0.7679	385.0000	1.9250	Verificato
	Pilastro N° 13	0.2444	0.7464	385.0000	1.9250	Verificato
	Pilastro N° 14	0.1957	0.7880	385.0000	1.9250	Verificato
	Pilastro N° 15	0.1227	0.8381	385.0000	1.9250	Verificato
	Pilastro N° 16	0.2224	0.8779	385.0000	1.9250	Verificato
	Pilastro N° 17	0.2557	0.8038	385.0000	1.9250	Verificato
	Pilastro N° 18	0.2732	0.8771	385.0000	1.9250	Verificato
	Pilastro N° 19	0.3038	0.8207	385.0000	1.9250	Verificato
	Pilastro N° 20	0.3029	0.8015	385.0000	1.9250	Verificato
	Pilastro N° 21	0.2541	0.8364	385.0000	1.9250	Verificato
	Pilastro N° 22	0.1831	0.8783	385.0000	1.9250	Verificato
	Pilastro N° 23	0.3223	0.8773	385.0000	1.9250	Verificato
	Pilastro N° 24	0.3455	0.8210	385.0000	1.9250	Verificato
	Pilastro N° 25	0.3655	0.8721	385.0000	1.9250	Verificato
	Pilastro N° 26	0.3899	0.7883	385.0000	1.9250	Verificato
	Pilastro N° 27	0.3912	0.7691	385.0000	1.9250	Verificato
	Pilastro N° 28	0.3748	0.7790	385.0000	1.9250	Verificato
	Pilastro N° 29	0.3491	0.8034	385.0000	1.9250	Verificato
	Pilastro N° 30	0.3198	0.8182	385.0000	1.9250	Verificato
	Pilastro N° 31	0.2767	0.8539	385.0000	1.9250	Verificato
	Pilastro N° 32	0.4103	0.7515	385.0000	1.9250	Verificato
	Pilastro N° 33	0.3808	0.7770	385.0000	1.9250	Verificato
	Pilastro N° 34	0.4133	0.8320	385.0000	1.9250	Verificato
	Pilastro N° 35	0.4603	0.7478	385.0000	1.9250	Verificato
	Pilastro N° 36	0.4785	0.7120	385.0000	1.9250	Verificato
	Pilastro N° 37	0.4748	0.7216	385.0000	1.9250	Verificato
	Pilastro N° 38	0.4458	0.7477	385.0000	1.9250	Verificato
	Pilastro N° 39	0.4395	0.7891	385.0000	1.9250	Verificato
	Pilastro N° 41	0.5349	0.6820	385.0000	1.9250	Verificato
	Pilastro N° 42	0.5138	0.7223	385.0000	1.9250	Verificato
	Pilastro N° 43	0.4851	0.7278	385.0000	1.9250	Verificato
	Pilastro N° 44	0.4428	0.7650	385.0000	1.9250	Verificato
	Pilastro N° 45	0.5566	0.7337	385.0000	1.9250	Verificato
	Pilastro N° 46	0.6254	0.6778	385.0000	1.9250	Verificato
	Pilastro N° 50	0.2310	0.8515	385.0000	1.9250	Verificato
	Parete 4-5	0.1640	0.7036	385.0000	1.9250	Verificato
	Parete 5-6	0.0963	0.7542	385.0000	1.9250	Verificato
	Parete 40-49	0.5363	0.7160	385.0000	1.9250	Verificato
Piano 2	Pilastro N° 1	0.5015	1.0339	385.0000	1.9250	Verificato
	Pilastro N° 2	0.5004	0.9737	385.0000	1.9250	Verificato
	Pilastro N° 3	0.5027	0.9322	385.0000	1.9250	Verificato
	Pilastro N° 4	0.5048	0.9445	385.0000	1.9250	Verificato
	Pilastro N° 5	0.5067	1.0021	385.0000	1.9250	Verificato
	Pilastro N° 6	0.5081	1.0866	385.0000	1.9250	Verificato
	Pilastro N° 7	0.4738	1.0339	385.0000	1.9250	Verificato
	Pilastro N° 8	0.4756	0.9737	385.0000	1.9250	Verificato
	Pilastro N° 9	0.4763	0.9321	385.0000	1.9250	Verificato
	Pilastro N° 10	0.4653	1.0340	385.0000	1.9250	Verificato
	Pilastro N° 11	0.4694	0.9735	385.0000	1.9250	Verificato
	Pilastro N° 12	0.4722	0.9322	385.0000	1.9250	Verificato
	Pilastro N° 13	0.4754	0.9441	385.0000	1.9250	Verificato
	Pilastro N° 14	0.4774	1.0027	385.0000	1.9250	Verificato
	Pilastro N° 15	0.4800	1.0875	385.0000	1.9250	Verificato
	Pilastro N° 16	0.4425	1.0339	385.0000	1.9250	Verificato
	Pilastro N° 17	0.4968	0.9322	385.0000	1.9250	Verificato
	Pilastro N° 18	0.4634	1.0339	385.0000	1.9250	Verificato
	Pilastro N° 19	0.4985	0.9321	385.0000	1.9250	Verificato
	Pilastro N° 20	0.4953	0.9437	385.0000	1.9250	Verificato
	Pilastro N° 21	0.4933	1.0034	385.0000	1.9250	Verificato
	Pilastro N° 22	0.4937	1.0884	385.0000	1.9250	Verificato
	Pilastro N° 23	0.5071	1.0338	385.0000	1.9250	Verificato
	Pilastro N° 24	0.5533	0.9320	385.0000	1.9250	Verificato
	Pilastro N° 25	0.5772	1.0339	385.0000	1.9250	Verificato
	Pilastro N° 26	0.5830	0.9319	385.0000	1.9250	Verificato
	Pilastro N° 27	0.5798	0.9459	385.0000	1.9250	Verificato
	Pilastro N° 28	0.5789	0.9664	385.0000	1.9250	Verificato
	Pilastro N° 29	0.5780	1.0013	385.0000	1.9250	Verificato
	Pilastro N° 30	0.5776	1.0437	385.0000	1.9250	Verificato
	Pilastro N° 31	0.5773	1.0893	385.0000	1.9250	Verificato

	Pilastro N° 32	0.6044	0.9664	385.0000	1.9250	Verificato
	Pilastro N° 33	0.6044	1.0049	385.0000	1.9250	Verificato
	Pilastro N° 34	0.6544	1.0341	385.0000	1.9250	Verificato
	Pilastro N° 35	0.6518	0.9318	385.0000	1.9250	Verificato
	Pilastro N° 36	0.6686	0.9445	385.0000	1.9250	Verificato
	Pilastro N° 37	0.6686	0.9663	385.0000	1.9250	Verificato
	Pilastro N° 38	0.6686	1.0049	385.0000	1.9250	Verificato
	Pilastro N° 39	0.7690	1.0346	385.0000	1.9250	Verificato
	Pilastro N° 41	0.7578	0.9455	385.0000	1.9250	Verificato
	Pilastro N° 42	0.7576	1.0143	385.0000	1.9250	Verificato
	Pilastro N° 43	0.7575	1.0445	385.0000	1.9250	Verificato
	Pilastro N° 44	0.7573	1.0902	385.0000	1.9250	Verificato
	Pilastro N° 45	0.9140	1.0316	385.0000	1.9250	Verificato
	Pilastro N° 46	0.9026	0.9395	385.0000	1.9250	Verificato
	Pilastro N° 50	0.4933	1.0325	385.0000	1.9250	Verificato
	Parete 40-49	0.7640	0.9533	385.0000	1.9250	Verificato
Piano 3	Pilastro N° 1	0.3766	0.5583	350.0000	1.7500	Verificato
	Pilastro N° 2	0.3780	0.5027	350.0000	1.7500	Verificato
	Pilastro N° 3	0.3787	0.4705	350.0000	1.7500	Verificato
	Pilastro N° 4	0.3794	0.4896	350.0000	1.7500	Verificato
	Pilastro N° 5	0.3804	0.5302	350.0000	1.7500	Verificato
	Pilastro N° 6	0.3818	0.5920	350.0000	1.7500	Verificato
	Pilastro N° 7	0.3543	0.5580	350.0000	1.7500	Verificato
	Pilastro N° 8	0.3567	0.5025	350.0000	1.7500	Verificato
	Pilastro N° 9	0.3575	0.4701	350.0000	1.7500	Verificato
	Pilastro N° 10	0.3479	0.5574	350.0000	1.7500	Verificato
	Pilastro N° 11	0.3502	0.5024	350.0000	1.7500	Verificato
	Pilastro N° 12	0.3507	0.4702	350.0000	1.7500	Verificato
	Pilastro N° 13	0.3509	0.4881	350.0000	1.7500	Verificato
	Pilastro N° 14	0.3509	0.5292	350.0000	1.7500	Verificato
	Pilastro N° 15	0.3508	0.5936	350.0000	1.7500	Verificato
	Pilastro N° 16	0.3427	0.5565	350.0000	1.7500	Verificato
	Pilastro N° 17	0.3691	0.4697	350.0000	1.7500	Verificato
	Pilastro N° 18	0.3423	0.5554	350.0000	1.7500	Verificato
	Pilastro N° 19	0.3689	0.4695	350.0000	1.7500	Verificato
	Pilastro N° 20	0.3693	0.4869	350.0000	1.7500	Verificato
	Pilastro N° 21	0.3704	0.5313	350.0000	1.7500	Verificato
	Pilastro N° 22	0.3688	0.5947	350.0000	1.7500	Verificato
	Pilastro N° 23	0.3826	0.5542	350.0000	1.7500	Verificato
	Pilastro N° 24	0.4101	0.4694	350.0000	1.7500	Verificato
	Pilastro N° 25	0.4122	0.5532	350.0000	1.7500	Verificato
	Pilastro N° 26	0.4381	0.4693	350.0000	1.7500	Verificato
	Pilastro N° 27	0.4376	0.4881	350.0000	1.7500	Verificato
	Pilastro N° 28	0.4375	0.5036	350.0000	1.7500	Verificato
	Pilastro N° 29	0.4373	0.5289	350.0000	1.7500	Verificato
	Pilastro N° 30	0.4372	0.5642	350.0000	1.7500	Verificato
	Pilastro N° 31	0.4373	0.5959	350.0000	1.7500	Verificato
	Pilastro N° 32	0.4600	0.5037	350.0000	1.7500	Verificato
	Pilastro N° 33	0.4600	0.5317	350.0000	1.7500	Verificato
	Pilastro N° 34	0.4754	0.5525	350.0000	1.7500	Verificato
	Pilastro N° 35	0.5020	0.4693	350.0000	1.7500	Verificato
	Pilastro N° 36	0.5124	0.4874	350.0000	1.7500	Verificato
	Pilastro N° 37	0.5124	0.5037	350.0000	1.7500	Verificato
	Pilastro N° 38	0.5124	0.5318	350.0000	1.7500	Verificato
	Pilastro N° 39	0.5930	0.5523	350.0000	1.7500	Verificato
	Pilastro N° 41	0.5846	0.4880	350.0000	1.7500	Verificato
	Pilastro N° 42	0.5835	0.5435	350.0000	1.7500	Verificato
	Pilastro N° 43	0.5828	0.5646	350.0000	1.7500	Verificato
	Pilastro N° 44	0.5822	0.5969	350.0000	1.7500	Verificato
	Pilastro N° 50	0.3699	0.5528	350.0000	1.7500	Verificato
	Parete 40-49	0.5918	0.4875	350.0000	1.7500	Verificato
Piano 4	Pilastro N° 20	0.3722	0.2397	300.0000	1.5000	Verificato
	Pilastro N° 21	0.3720	0.2535	300.0000	1.5000	Verificato
	Pilastro N° 27	0.2408	0.2405	300.0000	1.5000	Verificato
	Pilastro N° 29	0.2420	0.2477	300.0000	1.5000	Verificato
	Pilastro N° 30	0.2429	0.2764	300.0000	1.5000	Verificato
	Pilastro N° 32	0.2151	0.2548	300.0000	1.5000	Verificato
	Pilastro N° 33	0.2151	0.2492	300.0000	1.5000	Verificato
	Pilastro N° 37	0.2386	0.2549	300.0000	1.5000	Verificato
	Pilastro N° 38	0.2387	0.2494	300.0000	1.5000	Verificato
	Pilastro N° 41	0.2819	0.2414	300.0000	1.5000	Verificato
	Pilastro N° 42	0.2826	0.2533	300.0000	1.5000	Verificato

	Pilastro N° 43	0.2830	0.2778	300.0000	1.5000	Verificato

4.5 Verifica Stati Limite di Operatività.

4.5.1 Inviluppi dei Cinematismi nodali.

I dati seguenti riportano i valori dei Cinematismi nodali che definiscono la struttura ed in modo particolare:

Nodo : numerazione interna del nodo.
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.

Cinematismi nodali : valore dello Sforzo Normale nel punto considerato:
- Vx : traslazione X rispetto al sistema di riferimento globale.
- Vy : traslazione Y rispetto al sistema di riferimento globale.
- Vz : Traslazione Z rispetto al sistema di riferimento globale.
- Rx : rotazione X rispetto al sistema di riferimento globale.
- Ry : rotazione Y rispetto al sistema di riferimento globale.
- Rz : rotazione Z rispetto al sistema di riferimento globale.
- Max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo.
- Min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo.
- CMax : combinazione massima di appartenenza del valore considerato nell'inviluppo.
- CMin : combinazione minima di appartenenza del valore considerato nell'inviluppo.

Tabella 33.I

STATO LIMITE DI OPERATIVITA'												
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
Nodo	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**	**Max**	**Min**
1	0.148	-0.145	0.171	-0.172	-0.069	-0.242	2.8E-4	-2.1E-4	3.6E-4	-2.1E-5	4.2E-5	-4.7E-5
2	0.073	-0.071	0.170	-0.170	-0.079	-0.155	2.7E-5	-2.2E-4	5.4E-5	-4.8E-5	2.6E-5	-2.7E-5
3	0.035	-0.034	0.172	-0.171	-0.059	-0.177	7.8E-5	-3.3E-4	1.2E-4	-1.5E-4	2.7E-5	-2.7E-5
4	0.039	-0.038	0.173	-0.173	-0.037	-0.226	7.8E-5	-4.9E-4	7.8E-5	-1.8E-4	3.6E-5	-3.5E-5
5	0.082	-0.081	0.172	-0.172	-0.084	-0.204	5.9E-5	-5.5E-4	3.3E-4	-3.8E-4	3.7E-5	-3.7E-5
6	0.152	-0.152	0.172	-0.172	0.063	-0.380	3.0E-4	-7.4E-4	3.3E-4	-4.0E-4	4.4E-5	-4.1E-5
7	0.147	-0.144	0.128	-0.129	-0.135	-0.261	3.1E-4	2.9E-5	4.3E-4	7.5E-5	3.6E-5	-3.3E-5
8	0.072	-0.070	0.126	-0.126	-0.088	-0.108	5.0E-5	-1.2E-4	8.9E-5	5.4E-6	2.7E-5	-2.7E-5
9	0.031	-0.030	0.128	-0.127	-0.079	-0.102	6.8E-5	-1.6E-4	3.5E-5	-3.4E-5	2.9E-5	-2.9E-5
10	0.148	-0.144	0.087	-0.089	-0.182	-0.311	2.0E-4	8.1E-5	5.6E-4	1.8E-4	3.5E-5	-3.5E-5
11	0.072	-0.070	0.084	-0.084	-0.076	-0.102	3.3E-5	-8.4E-5	1.2E-4	1.7E-5	2.7E-5	-2.6E-5
12	0.028	-0.027	0.087	-0.086	-0.074	-0.098	3.6E-5	-2.6E-5	9.5E-6	-2.5E-5	2.8E-5	-2.8E-5
13	0.033	-0.032	0.087	-0.087	-0.080	-0.099	3.9E-5	-2.0E-5	3.7E-5	-4.5E-5	3.0E-5	-2.9E-5
14	0.082	-0.081	0.087	-0.087	-0.080	-0.099	2.2E-5	-8.4E-6	7.3E-5	-5.0E-5	3.2E-5	-3.2E-5
15	0.152	-0.152	0.087	-0.087	-0.065	-0.163	1.1E-4	-9.5E-5	5.4E-5	-3.0E-4	3.5E-5	-3.4E-5
16	0.147	-0.143	0.049	-0.050	-0.224	-0.346	1.7E-4	2.9E-5	6.1E-4	2.3E-4	3.7E-5	-4.0E-5
17	0.026	-0.024	0.048	-0.048	-0.079	-0.101	3.8E-5	-1.2E-5	2.1E-5	-6.3E-5	2.8E-5	-2.8E-5
18	0.148	-0.144	0.043	-0.044	-0.247	-0.367	1.1E-4	-3.0E-5	6.8E-4	2.4E-4	3.6E-5	-3.5E-5
19	0.025	-0.023	0.024	-0.023	-0.085	-0.100	2.5E-5	-2.3E-5	3.5E-7	-4.4E-5	2.6E-5	-2.6E-5
20	0.034	-0.033	0.025	-0.025	-0.082	-0.112	1.6E-5	-6.4E-6	3.5E-5	-4.0E-5	2.7E-5	-2.7E-5
21	0.083	-0.082	0.029	-0.029	-0.087	-0.111	1.3E-5	-1.7E-6	8.5E-5	-1.0E-4	2.8E-5	-2.8E-5
22	0.154	-0.153	0.036	-0.037	-0.059	-0.174	4.7E-5	-4.5E-5	1.3E-4	-3.0E-4	2.9E-5	-2.9E-5
23	0.148	-0.144	0.043	-0.044	-0.247	-0.379	6.4E-5	-6.6E-5	7.3E-4	2.1E-4	3.6E-5	-3.5E-5
24	0.027	-0.025	0.026	-0.026	-0.082	-0.101	1.7E-5	-1.7E-5	1.1E-5	-4.8E-5	2.6E-5	-2.6E-5
25	0.147	-0.143	0.062	-0.062	-0.235	-0.377	1.1E-5	-1.1E-4	7.5E-4	1.6E-4	3.5E-5	-3.6E-5
26	0.030	-0.029	0.064	-0.064	-0.082	-0.104	2.7E-5	-1.3E-5	2.9E-7	-6.5E-5	2.6E-5	-2.6E-5
27	0.037	-0.035	0.067	-0.067	-0.082	-0.128	5.5E-5	3.1E-6	-8.8E-6	-5.8E-5	2.7E-5	-2.7E-5
28	0.055	-0.054	0.067	-0.067	-0.087	-0.129	7.6E-5	-8.4E-6	3.9E-5	-4.5E-5	2.7E-5	-2.6E-5
29	0.081	-0.080	0.068	-0.068	-0.092	-0.121	6.9E-5	-1.1E-5	1.1E-4	-7.3E-5	2.7E-5	-2.7E-5
30	0.110	-0.109	0.067	-0.068	-0.082	-0.126	3.8E-5	-7.3E-5	1.5E-4	-1.5E-4	2.7E-5	-2.7E-5
31	0.153	-0.152	0.070	-0.070	-0.034	-0.196	4.8E-5	-6.1E-5	2.2E-4	-3.6E-4	2.9E-5	-2.8E-5
32	0.054	-0.053	0.095	-0.095	-0.095	-0.123	1.0E-4	-9.0E-5	6.9E-5	-5.5E-5	2.7E-5	-2.6E-5
33	0.083	-0.082	0.096	-0.096	-0.103	-0.113	9.1E-5	-9.4E-5	9.8E-5	-5.7E-5	2.7E-5	-2.7E-5
34	0.146	-0.142	0.103	-0.102	-0.203	-0.357	-6.2E-5	-1.8E-4	7.0E-4	9.4E-5	5.0E-5	-4.7E-5
35	0.037	-0.035	0.105	-0.104	-0.086	-0.110	1.0E-4	-3.8E-5	8.2E-5	-1.8E-4	3.1E-5	-3.0E-5
36	0.040	-0.038	0.124	-0.124	-0.095	-0.128	1.7E-4	-7.7E-5	1.3E-5	-6.6E-5	2.8E-5	-2.8E-5
37	0.054	-0.053	0.125	-0.125	-0.094	-0.134	1.6E-4	-7.7E-5	4.1E-5	-4.6E-5	2.7E-5	-2.7E-5
38	0.083	-0.082	0.125	-0.125	-0.090	-0.135	2.0E-4	-4.7E-5	8.5E-5	-6.6E-5	2.9E-5	-2.8E-5

39	0.142	-0.139	0.146	-0.145	-0.155	-0.292	-1.1E-4	-3.5E-4	5.2E-4	6.9E-5	9.7E-5	-9.8E-5
40	0.048	-0.047	0.151	-0.151	-0.060	-0.175	2.7E-4	-1.3E-4	2.4E-4	-3.3E-4	3.4E-5	-3.7E-5
41	0.046	-0.045	0.154	-0.154	-0.080	-0.174	2.8E-4	-9.7E-5	8.7E-5	-1.5E-4	3.2E-5	-3.2E-5
42	0.080	-0.079	0.156	-0.156	-0.087	-0.187	3.0E-4	-8.6E-6	8.7E-5	-1.4E-4	2.8E-5	-2.8E-5
43	0.109	-0.108	0.157	-0.157	-0.081	-0.204	3.8E-4	-7.3E-6	2.5E-4	-2.9E-4	2.9E-5	-2.9E-5
44	0.151	-0.150	0.158	-0.158	0.008	-0.319	4.9E-4	-9.1E-5	4.1E-4	-5.5E-4	3.5E-5	-3.4E-5
45	0.128	-0.127	0.198	-0.197	-0.077	-0.194	3.4E-5	-2.6E-4	4.5E-4	6.8E-5	4.3E-5	-4.2E-5
46	0.051	-0.050	0.183	-0.183	-0.066	-0.196	3.4E-4	-2.2E-4	2.6E-5	-4.4E-4	2.9E-5	-2.7E-5
47	0.034	-0.032	0.028	-0.028	-0.076	-0.107	4.0E-5	-1.7E-5	3.7E-5	-3.5E-5	2.6E-5	-2.6E-5
48	0.086	-0.084	0.029	-0.029	-0.081	-0.102	5.0E-5	-3.2E-5	5.3E-5	-5.4E-5	2.7E-5	-2.7E-5
49	0.047	-0.046	0.139	-0.139	-0.049	-0.152	2.1E-4	-1.2E-4	1.9E-4	-3.8E-4	1.8E-5	-1.6E-5
50	0.107	-0.106	0.030	-0.031	-0.088	-0.112	2.2E-5	-1.1E-5	1.1E-4	-1.2E-4	2.9E-5	-2.9E-5
51	0.187	-0.191	0.703	-0.707	-0.070	-0.263	1.1E-3	-9.3E-4	6.8E-4	-8.1E-4	1.9E-4	-2.8E-4
52	0.191	-0.188	0.663	-0.667	-0.082	-0.201	1.8E-3	-1.7E-3	4.6E-4	-3.6E-4	1.8E-4	-2.9E-4
53	0.193	-0.185	0.641	-0.629	-0.074	-0.200	1.8E-3	-1.6E-3	3.5E-4	-3.3E-4	1.8E-4	-2.8E-4
54	0.196	-0.182	0.624	-0.623	-0.032	-0.255	1.5E-3	-8.7E-4	3.8E-4	-3.2E-4	2.5E-4	-2.1E-4
55	0.199	-0.179	0.640	-0.661	-0.087	-0.212	1.8E-3	-1.3E-3	5.0E-4	-5.3E-4	2.5E-4	-2.1E-4
56	0.201	-0.177	0.677	-0.703	0.066	-0.394	1.6E-3	-1.2E-3	5.4E-4	-6.0E-4	2.0E-4	-2.6E-4
57	0.162	-0.215	0.703	-0.707	-0.145	-0.281	6.6E-4	-3.1E-4	7.0E-4	-7.3E-4	2.0E-4	-2.7E-4
58	0.165	-0.213	0.664	-0.667	-0.075	-0.189	5.9E-4	-4.8E-4	5.1E-4	-2.9E-4	1.9E-4	-2.8E-4
59	0.166	-0.212	0.641	-0.628	-0.057	-0.171	5.0E-4	-5.6E-4	6.5E-4	-4.6E-4	1.7E-4	-3.0E-4
60	0.159	-0.234	0.703	-0.707	-0.192	-0.330	5.5E-4	-4.1E-4	7.5E-4	-6.8E-4	1.6E-4	-3.1E-4
61	0.165	-0.228	0.664	-0.667	-0.064	-0.177	5.5E-4	-7.7E-4	5.2E-4	-2.5E-4	2.2E-4	-2.4E-4
62	0.168	-0.225	0.642	-0.629	-0.048	-0.161	3.4E-4	-3.5E-4	6.8E-4	-5.0E-4	2.5E-4	-2.1E-4
63	0.172	-0.221	0.625	-0.622	-0.087	-0.202	1.4E-4	-2.7E-4	3.9E-4	-3.0E-4	2.4E-4	-2.3E-4
64	0.174	-0.219	0.642	-0.660	-0.071	-0.185	2.9E-4	-4.3E-4	6.9E-4	-5.7E-4	2.3E-4	-2.3E-4
65	0.177	-0.216	0.678	-0.702	-0.080	-0.200	3.4E-4	-4.8E-4	8.0E-4	-5.9E-4	2.2E-4	-2.5E-4
66	0.127	-0.299	0.703	-0.707	-0.238	-0.368	5.2E-4	-3.4E-4	9.2E-4	-7.1E-4	1.4E-4	-3.2E-4
67	0.204	-0.221	0.639	-0.628	-0.055	-0.169	4.4E-4	-3.9E-4	9.2E-4	-7.7E-4	2.6E-4	-2.1E-4
68	0.157	-0.343	0.703	-0.707	-0.262	-0.392	4.7E-4	-4.0E-4	9.8E-4	-8.0E-4	2.3E-4	-2.3E-4
69	0.240	-0.261	0.639	-0.628	-0.059	-0.173	4.0E-4	-3.9E-4	9.9E-4	-8.6E-4	2.3E-4	-2.3E-4
70	0.238	-0.262	0.625	-0.621	-0.086	-0.200	3.9E-4	-3.0E-4	4.8E-4	-4.1E-4	2.5E-4	-2.1E-4
71	0.238	-0.262	0.643	-0.659	-0.077	-0.191	6.7E-4	-5.8E-4	7.4E-4	-5.6E-4	2.5E-4	-2.2E-4
72	0.238	-0.262	0.679	-0.701	-0.067	-0.203	6.5E-4	-6.7E-4	8.8E-4	-7.0E-4	2.4E-4	-2.2E-4
73	0.197	-0.384	0.703	-0.707	-0.261	-0.401	4.4E-4	-4.4E-4	1.1E-3	-9.2E-4	2.5E-4	-2.2E-4
74	0.284	-0.296	0.640	-0.628	-0.057	-0.171	4.1E-4	-4.0E-4	1.1E-3	-1.0E-3	2.5E-4	-2.2E-4
75	0.249	-0.417	0.703	-0.706	-0.250	-0.399	4.2E-4	-4.9E-4	1.2E-3	-1.1E-3	2.7E-4	-2.0E-4
76	0.331	-0.335	0.640	-0.628	-0.061	-0.174	4.2E-4	-3.9E-4	1.2E-3	-1.2E-3	2.6E-4	-2.1E-4
77	0.330	-0.337	0.627	-0.621	-0.087	-0.201	2.8E-4	-5.8E-4	8.1E-4	-6.9E-4	2.5E-4	-2.2E-4
78	0.329	-0.337	0.633	-0.635	-0.081	-0.194	4.8E-4	-4.9E-4	1.6E-4	-1.4E-4	2.6E-4	-2.0E-4
79	0.329	-0.338	0.643	-0.657	-0.087	-0.200	1.7E-4	-5.0E-4	5.3E-4	-4.9E-4	2.4E-4	-2.3E-4
80	0.329	-0.338	0.665	-0.668	-0.080	-0.194	1.1E-3	-2.7E-4	5.0E-4	-4.1E-4	2.3E-4	-2.4E-4
81	0.329	-0.338	0.680	-0.700	-0.038	-0.235	5.2E-4	-4.5E-4	1.0E-3	-9.2E-4	2.7E-4	-2.0E-4
82	0.365	-0.364	0.633	-0.635	-0.076	-0.190	1.3E-4	-1.5E-4	2.6E-4	-2.3E-4	2.6E-4	-2.1E-4
83	0.365	-0.364	0.643	-0.658	-0.070	-0.185	1.7E-4	-2.0E-4	3.3E-4	-2.6E-4	2.7E-4	-2.0E-4
84	0.324	-0.451	0.703	-0.706	-0.216	-0.377	3.5E-4	-6.0E-4	1.3E-3	-1.3E-3	3.7E-4	-9.7E-5
85	0.403	-0.372	0.640	-0.628	-0.064	-0.178	5.3E-4	-4.9E-4	1.3E-3	-1.4E-3	2.7E-4	-1.9E-4
86	0.419	-0.403	0.627	-0.620	-0.082	-0.199	2.6E-4	-2.1E-4	6.3E-4	-6.1E-4	2.7E-4	-2.0E-4
87	0.419	-0.403	0.633	-0.635	-0.077	-0.193	4.1E-4	-3.9E-4	1.9E-4	-1.1E-4	2.6E-4	-2.0E-4
88	0.419	-0.403	0.644	-0.658	-0.070	-0.187	4.5E-4	-4.4E-4	3.1E-4	-2.5E-4	2.7E-4	-2.0E-4
89	0.459	-0.457	0.703	-0.706	-0.170	-0.314	5.0E-4	-7.7E-4	1.3E-3	-1.7E-3	3.3E-4	-1.3E-4
90	0.475	-0.448	0.639	-0.626	0.034	-0.281	4.9E-4	-5.1E-4	7.4E-4	-8.6E-4	2.2E-4	-2.4E-4
91	0.471	-0.445	0.628	-0.620	-0.085	-0.204	6.8E-4	-8.1E-4	6.5E-4	-7.5E-4	2.4E-4	-2.3E-4
92	0.472	-0.444	0.664	-0.636	-0.098	-0.221	1.5E-3	-2.3E-3	6.3E-4	-6.6E-4	2.6E-4	-2.1E-4
93	0.472	-0.444	0.666	-0.667	-0.094	-0.236	4.7E-4	-1.3E-3	6.6E-4	-6.8E-4	2.9E-4	-1.7E-4
94	0.472	-0.444	0.680	-0.700	0.013	-0.348	8.5E-4	-1.3E-3	1.3E-3	-1.3E-3	2.6E-4	-2.1E-4
95	0.543	-0.536	0.701	-0.704	-0.084	-0.218	8.9E-4	-1.3E-3	1.4E-3	-2.0E-3	2.1E-4	-2.6E-4
96	0.548	-0.530	0.647	-0.637	-0.069	-0.220	1.2E-3	-1.2E-3	1.9E-3	-1.4E-3	2.2E-4	-2.4E-4
97	0.473	-0.450	0.651	-0.646	0.052	-0.289	2.1E-3	-2.1E-3	2.2E-3	2.1E-4	2.0E-4	-2.6E-4
98	0.238	-0.262	0.654	-0.674	-0.062	-0.176	1.8E-3	-1.8E-3	3.7E-4	-2.9E-4	2.4E-4	-2.3E-4
99	0.591	-0.590	1.485	-1.493	-0.054	-0.297	1.2E-3	-9.9E-4	1.0E-3	-1.0E-3	5.2E-4	-6.4E-4
100	0.591	-0.590	1.398	-1.397	-0.038	-0.273	1.3E-3	-1.2E-3	6.1E-4	-5.4E-4	5.1E-4	-6.5E-4
101	0.591	-0.590	1.342	-1.315	-0.033	-0.267	1.2E-3	-1.0E-3	5.4E-4	-5.1E-4	5.2E-4	-6.4E-4
102	0.592	-0.589	1.334	-1.320	-0.045	-0.281	9.4E-4	-2.8E-4	3.4E-4	-3.6E-4	5.9E-4	-5.6E-4
103	0.593	-0.588	1.392	-1.418	-0.045	-0.283	1.0E-3	-5.2E-4	9.9E-4	-9.6E-4	5.9E-4	-5.7E-4
104	0.594	-0.587	1.489	-1.530	0.061	-0.407	1.0E-3	-6.6E-4	1.1E-3	-1.0E-3	5.3E-4	-6.2E-4
105	0.531	-0.593	1.485	-1.492	-0.107	-0.345	8.1E-4	-4.8E-4	9.4E-4	-9.3E-4	5.1E-4	-6.4E-4
106	0.531	-0.592	1.398	-1.397	-0.038	-0.268	5.6E-4	-4.5E-4	6.2E-4	-4.7E-4	5.1E-4	-6.5E-4
107	0.531	-0.592	1.342	-1.315	-0.014	-0.244	6.1E-4	-6.4E-4	7.9E-4	-6.6E-4	4.9E-4	-6.7E-4
108	0.495	-0.601	1.485	-1.492	-0.157	-0.393	6.5E-4	-5.7E-4	9.2E-4	-8.4E-4	5.1E-4	-6.5E-4
109	0.496	-0.600	1.398	-1.397	-0.028	-0.257	4.7E-4	-6.9E-4	6.4E-4	-4.0E-4	5.4E-4	-6.1E-4
110	0.496	-0.600	1.342	-1.317	-0.007	-0.235	3.6E-4	-3.5E-4	7.2E-4	-5.7E-4	5.5E-4	-6.0E-4

111	0.497	-0.599	1.335	-1.320	-0.065	-0.295	2.3E-4	-3.3E-4	5.1E-4	-4.0E-4	5.8E-4	-5.7E-4
112	0.497	-0.599	1.393	-1.417	-0.038	-0.268	3.8E-4	-4.9E-4	8.4E-4	-7.2E-4	5.8E-4	-5.8E-4
113	0.497	-0.599	1.489	-1.530	-0.043	-0.274	3.9E-4	-4.9E-4	9.3E-4	-8.1E-4	5.4E-4	-6.1E-4
114	0.467	-0.629	1.486	-1.492	-0.202	-0.440	6.7E-4	-5.0E-4	7.3E-4	-9.1E-4	5.4E-4	-6.2E-4
115	0.481	-0.616	1.340	-1.312	-0.014	-0.243	5.7E-4	-5.0E-4	1.1E-3	-5.5E-4	5.6E-4	-5.9E-4
116	0.513	-0.667	1.486	-1.492	-0.225	-0.463	6.1E-4	-5.5E-4	6.9E-4	-9.1E-4	5.8E-4	-5.8E-4
117	0.528	-0.652	1.340	-1.312	-0.020	-0.249	5.1E-4	-4.9E-4	1.0E-3	-5.5E-4	5.8E-4	-5.8E-4
118	0.530	-0.650	1.335	-1.319	-0.064	-0.294	2.7E-4	-2.0E-4	4.8E-4	-3.4E-4	6.1E-4	-5.5E-4
119	0.532	-0.649	1.393	-1.417	-0.042	-0.272	5.3E-4	-4.4E-4	8.4E-4	-5.8E-4	6.1E-4	-5.5E-4
120	0.532	-0.649	1.489	-1.530	-0.034	-0.265	5.4E-4	-5.5E-4	9.3E-4	-7.2E-4	5.9E-4	-5.7E-4
121	0.592	-0.751	1.486	-1.492	-0.231	-0.469	5.9E-4	-5.8E-4	7.8E-4	-9.8E-4	6.1E-4	-5.5E-4
122	0.606	-0.737	1.340	-1.312	-0.017	-0.246	5.2E-4	-5.0E-4	1.1E-3	-6.1E-4	6.1E-4	-5.5E-4
123	0.707	-0.814	1.486	-1.492	-0.224	-0.462	5.7E-4	-6.3E-4	8.4E-4	-1.1E-3	6.4E-4	-5.2E-4
124	0.722	-0.799	1.340	-1.312	-0.022	-0.250	5.3E-4	-5.0E-4	1.2E-3	-7.6E-4	6.2E-4	-5.4E-4
125	0.724	-0.797	1.338	-1.323	-0.056	-0.285	2.2E-4	-5.2E-4	9.0E-4	-7.1E-4	6.2E-4	-5.4E-4
126	0.724	-0.797	1.361	-1.360	-0.044	-0.272	4.3E-4	-4.7E-4	2.5E-4	-2.0E-4	6.5E-4	-5.1E-4
127	0.725	-0.797	1.390	-1.413	-0.054	-0.284	1.3E-4	-5.0E-4	5.9E-4	-5.2E-4	6.3E-4	-5.3E-4
128	0.725	-0.796	1.433	-1.460	-0.045	-0.274	9.2E-4	-2.8E-4	6.0E-4	-4.5E-4	6.0E-4	-5.6E-4
129	0.725	-0.796	1.489	-1.530	-0.038	-0.268	4.6E-4	-4.3E-4	1.1E-3	-9.2E-4	6.3E-4	-5.2E-4
130	0.809	-0.844	1.361	-1.360	-0.034	-0.264	1.4E-4	-1.9E-4	3.4E-4	-2.9E-4	6.6E-4	-4.9E-4
131	0.809	-0.844	1.392	-1.418	-0.028	-0.258	1.7E-4	-2.7E-4	4.1E-4	-3.2E-4	6.6E-4	-4.9E-4
132	0.848	-0.907	1.486	-1.492	-0.196	-0.433	5.7E-4	-7.2E-4	1.0E-3	-1.3E-3	6.9E-4	-4.7E-4
133	0.861	-0.893	1.340	-1.312	-0.024	-0.253	6.4E-4	-6.3E-4	1.3E-3	-9.2E-4	6.7E-4	-4.9E-4
134	0.936	-0.933	1.337	-1.319	-0.043	-0.275	2.7E-4	-2.8E-4	7.5E-4	-6.8E-4	6.7E-4	-4.8E-4
135	0.936	-0.933	1.360	-1.360	-0.034	-0.266	3.9E-4	-3.6E-4	2.8E-4	-1.7E-4	6.4E-4	-5.2E-4
136	0.936	-0.933	1.392	-1.418	-0.024	-0.256	4.3E-4	-4.3E-4	3.9E-4	-3.1E-4	6.6E-4	-5.0E-4
137	1.073	-1.028	1.485	-1.493	-0.139	-0.376	5.6E-4	-8.3E-4	1.3E-3	-1.6E-3	6.7E-4	-4.8E-4
138	1.082	-1.035	1.335	-1.311	0.022	-0.285	3.7E-4	-3.7E-4	7.8E-4	-9.0E-4	5.9E-4	-5.7E-4
139	1.074	-1.027	1.338	-1.323	-0.040	-0.275	5.6E-4	-7.0E-4	5.7E-4	-6.8E-4	6.4E-4	-5.2E-4
140	1.074	-1.027	1.399	-1.405	-0.055	-0.293	1.1E-3	-1.7E-3	7.3E-4	-7.7E-4	6.1E-4	-5.4E-4
141	1.074	-1.027	1.433	-1.460	-0.063	-0.303	4.0E-4	-1.1E-3	7.7E-4	-7.7E-4	6.3E-4	-5.2E-4
142	1.074	-1.026	1.489	-1.530	0.017	-0.366	7.5E-4	-1.1E-3	1.4E-3	-1.4E-3	6.2E-4	-5.3E-4
143	1.272	-1.231	1.480	-1.488	-0.036	-0.282	3.2E-4	-8.4E-4	9.0E-4	-1.5E-3	5.4E-4	-6.2E-4
144	1.267	-1.236	1.353	-1.335	-0.033	-0.271	5.1E-4	-5.8E-4	1.4E-3	-8.6E-4	5.5E-4	-6.1E-4
145	1.082	-1.035	1.369	-1.350	0.062	-0.312	1.4E-3	-1.3E-3	2.2E-3	2.3E-4	5.5E-4	-6.1E-4
146	0.532	-0.649	1.424	-1.456	-0.017	-0.247	1.4E-3	-1.4E-3	5.1E-4	-3.3E-4	6.0E-4	-5.6E-4
147	0.889	-0.895	1.915	-1.902	-0.004	-0.352	7.2E-4	-4.5E-4	7.4E-4	-7.9E-4	7.9E-4	-9.1E-4
148	0.887	-0.896	1.780	-1.773	0.009	-0.331	7.2E-4	-5.6E-4	3.7E-4	-2.6E-4	7.8E-4	-9.3E-4
149	0.887	-0.896	1.697	-1.656	0.015	-0.324	7.6E-4	-4.1E-4	2.7E-4	-2.4E-4	7.9E-4	-9.2E-4
150	0.887	-0.896	1.704	-1.674	0.000	-0.341	8.1E-4	7.4E-5	2.1E-4	-2.4E-4	8.7E-4	-8.4E-4
151	0.887	-0.897	1.794	-1.817	0.003	-0.341	8.3E-4	-5.3E-5	7.1E-4	-6.9E-4	8.6E-4	-8.4E-4
152	0.887	-0.897	1.940	-1.982	0.059	-0.411	7.2E-4	-2.2E-4	7.8E-4	-7.4E-4	8.0E-4	-9.0E-4
153	0.800	-0.877	1.915	-1.902	-0.058	-0.401	4.6E-4	-2.2E-4	6.9E-4	-7.4E-4	7.7E-4	-9.3E-4
154	0.799	-0.878	1.780	-1.773	0.005	-0.330	2.6E-4	-3.2E-4	4.3E-4	-2.0E-4	7.7E-4	-9.4E-4
155	0.798	-0.879	1.696	-1.656	0.032	-0.303	2.5E-4	-3.3E-4	6.0E-4	-3.8E-4	7.4E-4	-9.6E-4
156	0.736	-0.878	1.914	-1.903	-0.108	-0.449	4.0E-4	-1.2E-4	7.1E-4	-6.7E-4	7.7E-4	-9.3E-4
157	0.735	-0.879	1.780	-1.773	0.016	-0.319	3.1E-4	-3.6E-4	4.6E-4	-1.4E-4	8.1E-4	-9.0E-4
158	0.735	-0.879	1.697	-1.658	0.039	-0.295	1.8E-4	-1.6E-4	5.3E-4	-3.5E-4	7.9E-4	-9.1E-4
159	0.735	-0.879	1.703	-1.675	-0.028	-0.363	5.8E-5	-2.0E-4	3.2E-4	-2.1E-4	8.6E-4	-8.5E-4
160	0.736	-0.879	1.792	-1.819	0.004	-0.331	1.0E-4	-2.6E-4	6.1E-4	-5.1E-4	8.4E-4	-8.6E-4
161	0.736	-0.879	1.939	-1.984	0.003	-0.334	1.3E-4	-2.8E-4	7.2E-4	-6.1E-4	8.0E-4	-9.0E-4
162	0.699	-0.898	1.914	-1.904	-0.155	-0.498	3.2E-4	-1.3E-4	5.4E-4	-7.7E-4	8.3E-4	-8.8E-4
163	0.686	-0.911	1.694	-1.651	0.031	-0.303	2.4E-4	-1.6E-4	1.0E-3	-3.1E-4	8.1E-4	-9.0E-4
164	0.752	-0.930	1.913	-1.905	-0.178	-0.521	2.7E-4	-1.9E-4	5.4E-4	-7.8E-4	8.5E-4	-8.6E-4
165	0.740	-0.942	1.694	-1.651	0.024	-0.309	2.0E-4	-1.9E-4	9.6E-4	-3.2E-4	8.6E-4	-8.5E-4
166	0.741	-0.940	1.702	-1.676	-0.028	-0.363	1.5E-4	-1.3E-4	5.7E-4	-5.4E-4	8.9E-4	-8.2E-4
167	0.742	-0.940	1.790	-1.820	-0.002	-0.337	2.3E-4	-2.2E-4	7.3E-4	-4.3E-4	8.8E-4	-8.2E-4
168	0.743	-0.939	1.938	-1.985	0.014	-0.322	2.1E-4	-2.1E-4	7.3E-4	-5.9E-4	8.6E-4	-8.4E-4
169	0.857	-1.051	1.911	-1.906	-0.184	-0.528	2.3E-4	-2.3E-4	6.2E-4	-8.4E-4	8.9E-4	-8.1E-4
170	0.844	-1.064	1.694	-1.651	0.028	-0.306	2.0E-4	-1.9E-4	1.1E-3	-3.9E-4	9.0E-4	-8.0E-4
171	1.030	-1.136	1.910	-1.907	-0.177	-0.520	2.2E-4	-2.9E-4	6.6E-4	-9.7E-4	9.4E-4	-7.7E-4
172	1.018	-1.148	1.694	-1.651	0.023	-0.311	2.3E-4	-2.0E-4	1.1E-3	-5.0E-4	9.0E-4	-8.0E-4
173	1.020	-1.145	1.706	-1.682	-0.018	-0.352	1.1E-4	-3.4E-4	7.2E-4	-5.7E-4	9.1E-4	-7.9E-4
174	1.021	-1.145	1.741	-1.736	-0.002	-0.336	2.3E-4	-2.9E-4	2.1E-4	-1.6E-4	9.5E-4	-7.5E-4
175	1.022	-1.144	1.787	-1.814	-0.017	-0.351	5.1E-5	-4.0E-4	5.0E-4	-4.5E-4	9.4E-4	-7.6E-4
176	1.022	-1.144	1.843	-1.892	-0.005	-0.339	7.1E-4	-6.8E-5	5.1E-4	-3.7E-4	9.0E-4	-8.1E-4
177	1.022	-1.144	1.937	-1.986	0.009	-0.326	2.2E-4	-1.7E-4	8.5E-4	-7.2E-4	9.1E-4	-7.9E-4
178	1.145	-1.210	1.741	-1.736	0.010	-0.325	1.5E-4	-2.0E-4	3.2E-4	-2.8E-4	9.8E-4	-7.2E-4
179	1.145	-1.210	1.789	-1.821	0.016	-0.319	1.5E-4	-2.9E-4	3.7E-4	-3.0E-4	9.8E-4	-7.2E-4
180	1.222	-1.282	1.909	-1.908	-0.149	-0.491	1.3E-4	-3.6E-4	7.9E-4	-1.1E-3	9.7E-4	-7.4E-4
181	1.209	-1.295	1.694	-1.651	0.020	-0.314	2.8E-4	-2.5E-4	1.2E-3	-6.3E-4	9.8E-4	-7.2E-4
182	1.333	-1.339	1.705	-1.677	0.000	-0.337	1.6E-4	-2.8E-4	5.3E-4	-5.3E-4	9.9E-4	-7.1E-4

183	1.333	-1.339	1.741	-1.736	0.010	-0.327	3.0E-4	-2.7E-4	3.3E-4	-2.0E-4	9.4E-4	-7.7E-4
184	1.333	-1.339	1.789	-1.822	0.020	-0.318	3.2E-4	-3.1E-4	3.5E-4	-2.9E-4	9.7E-4	-7.3E-4
185	1.547	-1.465	1.909	-1.908	-0.090	-0.433	4.5E-4	-6.8E-4	1.1E-3	-1.3E-3	1.0E-3	-7.0E-4
186	1.553	-1.483	1.685	-1.650	0.033	-0.305	3.0E-4	-5.2E-4	7.7E-4	-9.5E-4	9.2E-4	-7.8E-4
187	1.539	-1.472	1.706	-1.681	0.005	-0.335	4.2E-4	-5.3E-4	4.1E-4	-5.2E-4	9.6E-4	-7.5E-4
188	1.538	-1.473	1.780	-1.821	-0.010	-0.353	4.7E-4	-1.1E-3	6.0E-4	-6.4E-4	9.0E-4	-8.0E-4
189	1.538	-1.474	1.843	-1.892	-0.018	-0.363	1.2E-4	-8.0E-4	6.3E-4	-6.1E-4	8.9E-4	-8.1E-4
190	1.537	-1.474	1.935	-1.987	0.018	-0.373	3.0E-4	-6.3E-4	1.1E-3	-1.1E-3	9.1E-4	-8.0E-4
191	1.554	-1.482	1.739	-1.705	0.049	-0.303	8.1E-4	-8.3E-4	1.7E-3	1.5E-5	8.0E-4	-9.0E-4
192	0.742	-0.940	1.839	-1.877	0.030	-0.305	6.9E-4	-7.0E-4	4.2E-4	-2.2E-4	8.7E-4	-8.3E-4
193	1.027	-1.229	1.877	-1.853	0.016	-0.409	8.8E-4	-2.4E-4	8.2E-4	-6.7E-4	1.1E-3	-1.0E-3
194	1.028	-1.228	1.983	-2.004	0.037	-0.388	1.6E-3	6.8E-4	5.3E-4	-9.8E-4	1.1E-3	-1.0E-3
195	1.187	-1.329	1.880	-1.860	0.022	-0.402	2.9E-4	-1.9E-4	4.3E-4	-4.2E-4	1.2E-3	-1.0E-3
196	1.187	-1.329	1.974	-2.001	0.020	-0.404	-1.5E-4	-6.2E-4	2.6E-4	-3.6E-4	1.2E-3	-1.0E-3
197	1.187	-1.329	2.039	-2.105	0.037	-0.388	4.4E-4	-1.7E-4	5.7E-4	-4.0E-4	1.2E-3	-9.8E-4
198	1.301	-1.378	1.935	-1.899	0.053	-0.372	2.6E-4	-2.0E-4	3.0E-4	-2.7E-4	1.3E-3	-9.2E-4
199	1.301	-1.378	1.977	-2.010	0.058	-0.367	1.7E-4	-2.5E-4	3.1E-4	-2.5E-4	1.3E-3	-9.1E-4
200	1.523	-1.522	1.935	-1.899	0.053	-0.374	2.0E-4	-2.2E-4	2.5E-4	-2.3E-4	1.3E-3	-9.2E-4
201	1.523	-1.522	1.976	-2.010	0.057	-0.370	2.4E-4	-8.4E-5	2.8E-4	-2.2E-4	1.3E-3	-9.0E-4
202	1.768	-1.690	1.879	-1.861	0.047	-0.383	2.9E-5	-5.6E-4	4.4E-4	-5.1E-4	1.2E-3	-9.8E-4
203	1.767	-1.690	1.973	-2.002	0.034	-0.399	3.5E-4	-1.4E-4	2.9E-4	-3.6E-4	1.2E-3	-9.8E-4
204	1.767	-1.690	2.038	-2.106	0.025	-0.410	1.4E-4	-4.4E-4	5.3E-4	-6.1E-4	1.2E-3	-9.8E-4
205	1.068	-1.237	1.874	-1.851	-0.061	-0.485	1.7E-4	-2.7E-4	6.3E-4	-3.3E-4	1.1E-3	-1.0E-3
206	1.069	-1.237	1.984	-2.009	-0.362	-0.787	2.2E-4	-2.3E-4	-3.0E-3	-4.1E-3	1.1E-3	-1.0E-3
207	0.115	-0.113	0.198	-0.197	-0.067	-0.159	1.8E-4	-1.0E-4	3.7E-4	8.5E-5	4.5E-5	-4.1E-5
208	0.102	-0.100	0.196	-0.196	-0.059	-0.131	2.0E-4	-5.6E-5	2.7E-4	6.7E-5	3.2E-5	-3.0E-5
209	0.088	-0.087	0.195	-0.195	-0.054	-0.112	2.0E-4	-4.6E-5	1.7E-4	2.8E-5	2.8E-5	-2.7E-5
210	0.075	-0.073	0.194	-0.194	-0.051	-0.102	2.1E-4	-6.9E-5	8.2E-5	-2.7E-5	2.6E-5	-2.6E-5
211	0.061	-0.060	0.193	-0.193	-0.051	-0.104	2.3E-4	-1.1E-4	1.9E-5	-1.1E-4	2.5E-5	-2.4E-5
212	0.051	-0.050	0.191	-0.191	-0.054	-0.115	2.6E-4	-1.5E-4	-1.2E-5	-2.0E-4	2.3E-5	-2.2E-5
213	0.051	-0.050	0.189	-0.189	-0.058	-0.135	2.8E-4	-1.8E-4	-1.9E-5	-3.0E-4	3.0E-5	-2.9E-5
214	0.051	-0.050	0.186	-0.186	-0.063	-0.163	3.1E-4	-2.0E-4	-5.6E-6	-3.8E-4	3.2E-5	-3.1E-5
215	0.050	-0.048	0.171	-0.171	-0.077	-0.166	3.3E-4	-2.3E-4	3.9E-6	-3.9E-4	3.4E-5	-3.2E-5
216	0.048	-0.047	0.159	-0.160	-0.081	-0.146	3.0E-4	-2.2E-4	-1.9E-7	-3.6E-4	5.0E-5	-4.8E-5
217	0.047	-0.046	0.149	-0.149	-0.069	-0.144	2.5E-4	-2.0E-4	2.6E-5	-3.3E-4	9.6E-5	-9.4E-5
218	0.045	-0.044	0.148	-0.147	-0.066	-0.138	2.1E-4	-1.5E-5	1.7E-4	-1.5E-4	1.0E-8	-1.0E-8
219	0.045	-0.044	0.151	-0.151	-0.076	-0.124	1.2E-4	-3.3E-5	1.6E-4	-1.6E-4	3.9E-9	-3.9E-9
220	0.045	-0.043	0.153	-0.153	-0.078	-0.125	1.0E-4	-4.9E-5	9.2E-5	-1.6E-4	1.6E-8	-1.6E-8
221	0.045	-0.044	0.155	-0.155	-0.077	-0.138	1.3E-4	-6.6E-5	8.2E-6	-1.8E-4	6.9E-9	-6.9E-9
222	0.045	-0.044	0.156	-0.156	-0.077	-0.158	2.0E-4	-8.2E-5	-2.2E-5	-2.0E-4	6.0E-9	-6.0E-9
223	0.046	-0.045	0.156	-0.156	-0.079	-0.176	2.8E-4	-9.9E-5	4.0E-5	-1.4E-4	5.4E-9	-5.4E-9
224	0.047	-0.045	0.156	-0.156	-0.081	-0.179	2.7E-4	-7.2E-5	8.9E-5	-1.3E-4	6.2E-9	-6.2E-9
225	0.059	-0.058	0.156	-0.156	-0.084	-0.182	2.7E-4	-4.0E-5	3.8E-5	-9.9E-5	4.0E-9	-4.0E-9
226	0.072	-0.070	0.157	-0.157	-0.086	-0.186	2.8E-4	-1.8E-5	3.0E-5	-9.7E-5	1.3E-9	-1.3E-9
227	0.084	-0.083	0.157	-0.157	-0.087	-0.191	3.1E-4	-4.6E-6	1.1E-4	-1.6E-4	4.5E-0	-4.5E-0
228	0.097	-0.096	0.157	-0.157	-0.084	-0.198	3.4E-4	-1.4E-6	1.8E-4	-2.3E-4	4.8E-0	-4.8E-0
229	0.110	-0.109	0.157	-0.157	-0.080	-0.207	3.8E-4	-7.9E-6	2.5E-4	-3.0E-4	5.0E-0	-5.0E-0
230	0.124	-0.123	0.157	-0.158	-0.057	-0.234	4.1E-4	-1.9E-5	3.0E-4	-3.7E-4	3.0E-1	-3.0E-1
231	0.138	-0.136	0.157	-0.158	-0.028	-0.272	4.4E-4	-3.7E-5	3.5E-4	-4.7E-4	4.8E-0	-4.8E-0
232	0.151	-0.150	0.144	-0.145	0.000	-0.276	4.7E-4	-1.0E-4	3.4E-4	-4.8E-4	3.3E-5	-3.3E-5
233	0.152	-0.150	0.131	-0.132	-0.008	-0.239	3.8E-4	-1.1E-4	2.8E-4	-4.2E-4	3.0E-5	-3.0E-5
234	0.152	-0.151	0.119	-0.119	-0.017	-0.211	2.6E-4	-1.1E-4	2.4E-4	-3.8E-4	2.9E-5	-2.8E-5
235	0.152	-0.151	0.106	-0.106	-0.024	-0.196	1.4E-4	-1.0E-4	2.1E-4	-3.5E-4	2.7E-5	-2.7E-5
236	0.152	-0.151	0.094	-0.094	-0.029	-0.191	5.1E-5	-9.6E-5	2.0E-4	-3.4E-4	2.6E-5	-2.6E-5
237	0.153	-0.152	0.082	-0.082	-0.032	-0.194	1.8E-5	-8.8E-5	2.0E-4	-3.4E-4	2.5E-5	-2.4E-5
238	0.154	-0.153	0.058	-0.058	-0.036	-0.192	1.1E-4	-5.2E-5	1.8E-4	-3.4E-4	2.8E-5	-2.9E-5
239	0.154	-0.153	0.047	-0.047	-0.039	-0.183	1.2E-4	-6.2E-5	1.5E-4	-3.3E-4	2.7E-5	-2.7E-5
240	0.154	-0.153	0.036	-0.036	-0.043	-0.176	9.7E-5	-7.5E-5	1.3E-4	-3.2E-4	2.7E-5	-2.6E-5
241	0.154	-0.153	0.036	-0.036	-0.047	-0.172	5.9E-5	-8.6E-5	1.1E-4	-3.1E-4	2.6E-5	-2.6E-5
242	0.154	-0.153	0.036	-0.036	-0.051	-0.172	2.6E-5	-9.0E-5	1.1E-4	-3.0E-4	2.6E-5	-2.5E-5
243	0.154	-0.153	0.036	-0.036	-0.055	-0.174	1.5E-5	-7.7E-5	1.1E-4	-3.0E-4	2.5E-5	-2.4E-5
244	0.154	-0.153	0.036	-0.037	-0.062	-0.167	1.1E-4	-4.4E-5	8.3E-5	-2.8E-4	2.9E-5	-3.0E-5
245	0.153	-0.153	0.037	-0.037	-0.065	-0.157	1.3E-4	-5.7E-5	5.2E-5	-2.7E-4	2.9E-5	-2.9E-5
246	0.153	-0.152	0.042	-0.042	-0.068	-0.150	1.1E-4	-8.1E-5	3.0E-5	-2.6E-4	2.9E-5	-2.9E-5
247	0.153	-0.152	0.053	-0.054	-0.070	-0.147	9.1E-5	-1.1E-4	1.9E-5	-2.6E-4	3.0E-5	-2.9E-5
248	0.153	-0.152	0.064	-0.065	-0.070	-0.150	7.2E-5	-1.3E-4	2.0E-5	-2.7E-4	3.1E-5	-2.9E-5
249	0.152	-0.152	0.076	-0.076	-0.069	-0.157	7.1E-5	-1.2E-4	3.0E-5	-2.9E-4	3.2E-5	-2.9E-5
250	0.152	-0.151	0.099	-0.099	-0.056	-0.167	1.7E-4	-1.0E-4	5.7E-5	-3.1E-4	3.5E-5	-3.6E-5
251	0.152	-0.151	0.110	-0.111	-0.044	-0.174	2.1E-4	-1.7E-4	8.0E-5	-3.2E-4	3.7E-5	-3.7E-5
252	0.151	-0.151	0.122	-0.123	-0.029	-0.189	2.3E-4	-2.9E-4	1.1E-4	-3.4E-4	3.9E-5	-3.8E-5
253	0.151	-0.151	0.134	-0.135	-0.011	-0.218	2.6E-4	-4.4E-4	1.6E-4	-3.6E-4	4.1E-5	-3.9E-5
254	0.151	-0.151	0.146	-0.147	0.012	-0.262	2.9E-4	-5.9E-4	2.1E-4	-3.8E-4	4.3E-5	-4.1E-5

255	0.152	-0.152	0.159	-0.159	0.037	-0.317	3.0E-4	-7.0E-4	2.7E-4	-3.9E-4	4.7E-5	-4.4E-5
256	0.137	-0.138	0.172	-0.172	0.031	-0.341	2.4E-4	-7.2E-4	3.3E-4	-4.0E-4	3.9E-5	-3.8E-5
257	0.123	-0.123	0.172	-0.172	-0.001	-0.302	1.7E-4	-6.8E-4	3.3E-4	-3.9E-4	3.7E-5	-3.6E-5
258	0.109	-0.109	0.172	-0.172	-0.034	-0.264	1.5E-4	-6.7E-4	3.3E-4	-3.9E-4	3.4E-5	-3.4E-5
259	0.095	-0.095	0.172	-0.172	-0.066	-0.227	1.1E-4	-6.2E-4	3.3E-4	-3.8E-4	3.2E-5	-3.2E-5
260	0.069	-0.069	0.172	-0.173	-0.087	-0.196	7.0E-5	-5.5E-4	3.3E-4	-3.8E-4	3.0E-5	-3.0E-5
261	0.057	-0.056	0.172	-0.173	-0.078	-0.201	9.1E-5	-5.6E-4	3.1E-4	-3.7E-4	3.0E-5	-3.0E-5
262	0.044	-0.044	0.173	-0.173	-0.059	-0.213	1.0E-4	-5.4E-4	2.3E-4	-3.2E-4	3.0E-5	-3.0E-5
263	0.037	-0.037	0.172	-0.172	-0.030	-0.222	9.8E-5	-4.7E-4	2.5E-5	-1.3E-4	2.6E-5	-2.6E-5
264	0.036	-0.036	0.172	-0.172	-0.036	-0.208	1.0E-4	-4.3E-4	1.1E-4	-1.8E-4	2.5E-5	-2.5E-5
265	0.036	-0.035	0.172	-0.172	-0.047	-0.192	9.0E-5	-3.8E-4	1.4E-4	-1.8E-4	2.5E-5	-2.4E-5
266	0.034	-0.033	0.171	-0.171	-0.067	-0.166	5.6E-5	-3.0E-4	1.1E-4	-1.5E-4	2.4E-5	-2.4E-5
267	0.040	-0.039	0.171	-0.171	-0.075	-0.157	3.6E-5	-2.7E-4	1.0E-4	-1.2E-4	2.4E-5	-2.4E-5
268	0.051	-0.049	0.170	-0.170	-0.077	-0.154	2.0E-5	-2.4E-4	9.6E-5	-8.1E-5	2.4E-5	-2.4E-5
269	0.062	-0.060	0.170	-0.170	-0.079	-0.154	1.8E-5	-2.3E-4	8.4E-5	-5.7E-5	2.4E-5	-2.4E-5
270	0.085	-0.083	0.170	-0.170	-0.077	-0.157	2.4E-5	-2.4E-4	5.3E-5	-5.7E-5	2.4E-5	-2.5E-5
271	0.097	-0.095	0.170	-0.170	-0.074	-0.162	2.7E-5	-2.7E-4	9.7E-5	-5.6E-5	2.6E-5	-2.7E-5
272	0.109	-0.107	0.170	-0.170	-0.071	-0.172	3.7E-5	-3.0E-4	1.7E-4	-4.4E-5	2.7E-5	-2.9E-5
273	0.122	-0.120	0.170	-0.170	-0.069	-0.189	6.6E-5	-3.2E-4	2.5E-4	-2.8E-5	3.1E-5	-3.4E-5
274	0.135	-0.133	0.171	-0.171	-0.068	-0.214	1.3E-4	-3.1E-4	3.2E-4	-1.5E-5	4.0E-5	-4.5E-5
275	0.148	-0.146	0.156	-0.157	-0.076	-0.200	-3.7E-5	-5.2E-4	3.2E-4	1.6E-5	1.3E-8	-1.3E-8
276	0.148	-0.146	0.142	-0.143	-0.065	-0.149	-9.2E-5	-4.8E-4	1.7E-4	-2.2E-5	1.6E-9	-1.6E-9
277	0.148	-0.146	0.128	-0.129	-0.054	-0.107	-9.4E-5	-3.7E-4	6.6E-5	-5.2E-5	1.2E-8	-1.2E-8
278	0.148	-0.146	0.115	-0.115	-0.044	-0.075	-7.8E-5	-2.6E-4	-7.6E-6	-7.5E-5	1.7E-8	-1.7E-8
279	0.148	-0.147	0.102	-0.102	-0.038	-0.054	-5.5E-5	-1.7E-4	-5.2E-5	-9.0E-5	1.6E-8	-1.6E-8
280	0.148	-0.147	0.090	-0.090	-0.032	-0.041	-3.6E-5	-1.0E-4	-6.8E-5	-9.8E-5	1.4E-8	-1.4E-8
281	0.148	-0.147	0.077	-0.077	-0.028	-0.035	-2.6E-5	-6.0E-5	-7.0E-5	-1.0E-4	5.0E-9	-5.0E-9
282	0.148	-0.147	0.065	-0.065	-0.026	-0.031	-1.5E-5	-3.7E-5	-6.1E-5	-9.2E-5	6.8E-9	-6.8E-9
283	0.148	-0.147	0.053	-0.053	-0.025	-0.029	-4.2E-6	-2.5E-5	-4.9E-5	-7.8E-5	9.1E-9	-9.1E-9
284	0.148	-0.147	0.041	-0.041	-0.025	-0.028	3.5E-6	-1.6E-5	-3.8E-5	-6.2E-5	1.7E-8	-1.7E-8
285	0.148	-0.147	0.033	-0.033	-0.025	-0.028	7.5E-6	-6.7E-6	-2.8E-5	-4.8E-5	3.8E-9	-3.8E-9
286	0.148	-0.147	0.033	-0.033	-0.025	-0.028	8.9E-6	1.5E-7	-2.1E-5	-3.7E-5	1.0E-8	-1.0E-8
287	0.148	-0.147	0.033	-0.033	-0.026	-0.029	9.1E-6	3.5E-6	-1.5E-5	-2.8E-5	8.5E-0	-8.5E-0
288	0.148	-0.146	0.033	-0.033	-0.027	-0.030	9.8E-6	2.3E-6	-1.1E-5	-2.3E-5	1.3E-9	-1.3E-9
289	0.147	-0.146	0.033	-0.033	-0.027	-0.031	9.2E-6	-6.1E-7	-6.8E-6	-1.9E-5	1.7E-8	-1.7E-8
290	0.147	-0.146	0.033	-0.032	-0.027	-0.032	7.3E-6	-3.8E-6	-3.8E-6	-1.8E-5	6.5E-9	-6.5E-9
291	0.147	-0.145	0.042	-0.042	-0.026	-0.032	4.9E-6	-6.4E-6	-9.4E-7	-1.8E-5	1.0E-8	-1.0E-8
292	0.146	-0.145	0.054	-0.054	-0.026	-0.033	2.7E-6	-7.3E-6	2.1E-6	-1.9E-5	1.7E-8	-1.7E-8
293	0.146	-0.144	0.067	-0.067	-0.025	-0.033	2.0E-6	-5.6E-6	5.4E-6	-2.2E-5	1.3E-8	-1.3E-8
294	0.145	-0.144	0.079	-0.079	-0.025	-0.033	7.3E-6	-2.7E-6	9.9E-6	-2.5E-5	1.4E-8	-1.4E-8
295	0.144	-0.143	0.092	-0.092	-0.027	-0.033	2.3E-5	1.1E-6	1.6E-5	-2.7E-5	1.3E-8	-1.3E-8
296	0.143	-0.142	0.105	-0.104	-0.030	-0.034	5.0E-5	1.0E-5	2.4E-5	-2.6E-5	3.9E-9	-3.9E-9
297	0.141	-0.140	0.118	-0.117	-0.035	-0.038	9.1E-5	2.5E-5	3.5E-5	-1.9E-5	1.8E-9	-1.8E-9
298	0.140	-0.138	0.131	-0.131	-0.039	-0.049	1.5E-4	4.9E-5	5.2E-5	-2.8E-6	2.8E-9	-2.8E-9
299	0.137	-0.136	0.144	-0.144	-0.046	-0.068	2.2E-4	8.0E-5	7.6E-5	2.8E-5	5.2E-9	-5.2E-9
300	0.135	-0.134	0.158	-0.158	-0.055	-0.095	3.1E-4	1.1E-4	1.3E-4	5.9E-5	4.7E-9	-4.7E-9
301	0.133	-0.131	0.172	-0.171	-0.068	-0.129	3.8E-4	1.1E-4	2.3E-4	8.9E-5	1.0E-8	-1.0E-8
302	0.130	-0.129	0.185	-0.184	-0.080	-0.168	4.0E-4	7.3E-5	3.6E-4	1.2E-4	4.7E-9	-4.7E-9
303	0.072	-0.071	0.159	-0.159	-0.081	-0.139	2.3E-5	-2.0E-4	4.5E-5	-3.7E-5	2.8E-5	-2.9E-5
304	0.072	-0.071	0.148	-0.147	-0.083	-0.126	3.2E-5	-1.5E-4	3.6E-5	-2.4E-5	2.8E-5	-2.8E-5
305	0.072	-0.071	0.137	-0.136	-0.085	-0.116	4.4E-5	-1.2E-4	4.4E-5	-1.6E-5	2.9E-5	-2.8E-5
306	0.034	-0.033	0.160	-0.160	-0.065	-0.152	8.1E-5	-3.1E-4	1.1E-4	-1.2E-4	3.1E-5	-3.0E-5
307	0.033	-0.032	0.149	-0.149	-0.071	-0.130	8.7E-5	-2.7E-4	8.8E-5	-8.8E-5	3.1E-5	-3.1E-5
308	0.032	-0.031	0.138	-0.138	-0.076	-0.113	8.7E-5	-2.1E-4	6.6E-5	-5.8E-5	3.3E-5	-3.2E-5
309	0.036	-0.036	0.160	-0.160	-0.044	-0.184	7.9E-5	-4.6E-4	4.7E-5	-1.2E-4	4.5E-5	-4.3E-5
310	0.034	-0.034	0.147	-0.147	-0.051	-0.148	8.0E-5	-3.6E-4	2.6E-5	-6.9E-5	3.8E-5	-3.7E-5
311	0.033	-0.032	0.135	-0.134	-0.058	-0.122	8.5E-5	-2.5E-4	1.7E-5	-3.9E-5	3.6E-5	-3.5E-5
312	0.033	-0.032	0.122	-0.122	-0.065	-0.105	9.2E-5	-1.4E-4	1.4E-5	-2.5E-5	3.5E-5	-3.4E-5
313	0.033	-0.032	0.110	-0.110	-0.071	-0.099	9.4E-5	-6.0E-5	2.5E-5	-3.4E-5	3.4E-5	-3.3E-5
314	0.033	-0.032	0.099	-0.099	-0.076	-0.098	8.0E-5	-1.3E-5	3.3E-5	-4.2E-5	3.3E-5	-3.3E-5
315	0.081	-0.081	0.159	-0.160	-0.087	-0.159	1.5E-5	-4.7E-4	2.6E-4	-2.9E-4	4.6E-5	-4.6E-5
316	0.081	-0.081	0.147	-0.147	-0.087	-0.123	-2.4E-6	-3.5E-4	2.0E-4	-2.2E-4	4.2E-5	-4.1E-5
317	0.081	-0.081	0.134	-0.135	-0.084	-0.101	5.0E-6	-2.2E-4	1.5E-4	-1.6E-4	4.0E-5	-3.9E-5
318	0.081	-0.081	0.122	-0.122	-0.082	-0.091	2.6E-5	-1.1E-4	1.1E-4	-1.1E-4	3.8E-5	-3.7E-5
319	0.082	-0.081	0.110	-0.110	-0.078	-0.092	5.0E-5	-2.6E-5	8.8E-5	-7.6E-5	3.6E-5	-3.5E-5
320	0.082	-0.081	0.098	-0.099	-0.079	-0.096	5.5E-5	1.1E-5	7.4E-5	-5.7E-5	3.5E-5	-3.4E-5
321	0.061	-0.059	0.126	-0.126	-0.086	-0.104	4.2E-5	-1.2E-4	6.7E-5	1.1E-5	2.4E-5	-2.4E-5
322	0.050	-0.048	0.126	-0.126	-0.083	-0.101	3.9E-5	-1.2E-4	4.5E-5	6.5E-6	2.4E-5	-2.4E-5
323	0.039	-0.037	0.127	-0.126	-0.081	-0.100	4.0E-5	-1.3E-4	3.3E-5	-1.4E-5	2.4E-5	-2.4E-5
324	0.031	-0.030	0.127	-0.127	-0.080	-0.101	5.3E-5	-1.4E-4	2.8E-5	-3.3E-5	2.4E-5	-2.4E-5
325	0.072	-0.070	0.115	-0.115	-0.090	-0.102	3.4E-5	-1.1E-4	4.3E-5	-2.1E-5	2.9E-5	-2.9E-5
326	0.072	-0.070	0.105	-0.105	-0.087	-0.099	3.5E-5	-9.4E-5	3.6E-5	-2.8E-5	2.9E-5	-2.9E-5

327	0.072	-0.071	0.094	-0.094	-0.082	-0.099	4.0E-5	-7.8E-5	4.9E-5	-2.3E-5	3.0E-5	-2.8E-5
328	0.029	-0.028	0.097	-0.096	-0.075	-0.096	3.9E-5	-3.4E-5	1.2E-5	-1.9E-5	3.1E-5	-3.1E-5
329	0.030	-0.028	0.107	-0.107	-0.077	-0.095	4.0E-5	-6.5E-5	2.3E-5	-1.9E-5	3.1E-5	-3.0E-5
330	0.030	-0.029	0.117	-0.117	-0.080	-0.095	4.6E-5	-1.1E-4	3.4E-5	-2.3E-5	3.0E-5	-3.0E-5
331	0.061	-0.059	0.085	-0.085	-0.073	-0.096	-7.0E-6	-7.6E-5	7.8E-5	-6.8E-6	2.4E-5	-2.5E-5
332	0.049	-0.048	0.086	-0.085	-0.073	-0.093	-2.9E-6	-5.9E-5	4.4E-5	-2.6E-5	2.4E-5	-2.5E-5
333	0.038	-0.037	0.086	-0.086	-0.072	-0.094	7.3E-6	-4.2E-5	1.7E-5	-4.0E-5	2.5E-5	-2.5E-5
334	0.028	-0.027	0.086	-0.086	-0.073	-0.096	1.9E-5	-3.0E-5	1.4E-7	-4.0E-5	2.5E-5	-2.5E-5
335	0.028	-0.027	0.087	-0.086	-0.076	-0.097	3.2E-5	-1.3E-5	3.9E-5	-4.6E-5	2.5E-5	-2.4E-5
336	0.028	-0.027	0.087	-0.087	-0.080	-0.093	3.6E-5	-1.5E-5	5.2E-5	-7.4E-5	2.6E-5	-2.6E-5
337	0.028	-0.027	0.087	-0.087	-0.082	-0.095	3.9E-5	-1.7E-5	4.5E-5	-8.1E-5	2.7E-5	-2.6E-5
338	0.028	-0.026	0.077	-0.077	-0.074	-0.099	2.1E-5	-8.2E-6	-3.2E-6	-2.7E-5	3.0E-5	-2.9E-5
339	0.027	-0.026	0.067	-0.067	-0.075	-0.100	3.5E-5	-4.7E-6	-8.6E-6	-3.2E-5	3.0E-5	-2.9E-5
340	0.026	-0.025	0.057	-0.057	-0.077	-0.101	4.4E-5	-4.4E-7	-6.6E-6	-4.0E-5	3.2E-5	-3.0E-5
341	0.045	-0.045	0.087	-0.087	-0.078	-0.101	3.3E-5	-1.5E-5	3.1E-5	-1.7E-5	2.8E-5	-2.7E-5
342	0.058	-0.057	0.087	-0.087	-0.077	-0.101	2.6E-5	-1.1E-5	1.7E-5	-2.1E-5	2.9E-5	-2.9E-5
343	0.070	-0.069	0.087	-0.087	-0.078	-0.101	2.0E-5	-5.3E-6	2.7E-5	-4.2E-5	3.0E-5	-3.0E-5
344	0.033	-0.032	0.076	-0.076	-0.080	-0.098	2.6E-6	-4.0E-5	4.3E-5	-4.6E-5	3.1E-5	-3.0E-5
345	0.034	-0.033	0.064	-0.064	-0.079	-0.095	5.2E-6	-3.8E-5	4.7E-5	-4.5E-5	3.0E-5	-2.9E-5
346	0.034	-0.033	0.053	-0.053	-0.078	-0.095	2.7E-5	-2.2E-5	5.0E-5	-4.1E-5	2.9E-5	-2.9E-5
347	0.034	-0.033	0.042	-0.042	-0.079	-0.097	5.8E-5	-6.8E-6	5.0E-5	-4.0E-5	2.9E-5	-2.8E-5
348	0.034	-0.033	0.031	-0.031	-0.080	-0.102	7.8E-5	6.6E-6	4.8E-5	-4.2E-5	2.8E-5	-2.8E-5
349	0.034	-0.033	0.025	-0.025	-0.081	-0.108	7.0E-5	1.0E-5	4.3E-5	-4.3E-5	2.8E-5	-2.8E-5
350	0.096	-0.095	0.087	-0.087	-0.078	-0.097	2.8E-5	-1.6E-5	7.9E-5	-4.6E-5	3.0E-5	-3.0E-5
351	0.109	-0.109	0.087	-0.087	-0.076	-0.099	4.2E-5	-3.0E-5	6.3E-5	-1.0E-4	3.2E-5	-3.1E-5
352	0.123	-0.123	0.087	-0.087	-0.072	-0.113	6.0E-5	-4.9E-5	4.0E-5	-1.9E-4	3.3E-5	-3.2E-5
353	0.138	-0.137	0.087	-0.087	-0.068	-0.135	8.3E-5	-7.2E-5	2.9E-5	-2.6E-4	3.4E-5	-3.4E-5
354	0.082	-0.081	0.075	-0.076	-0.079	-0.098	-8.7E-6	-4.0E-5	5.6E-5	-3.7E-5	3.2E-5	-3.0E-5
355	0.082	-0.082	0.064	-0.064	-0.078	-0.095	6.5E-6	-4.5E-5	4.9E-5	-3.3E-5	3.1E-5	-3.0E-5
356	0.083	-0.082	0.053	-0.053	-0.077	-0.095	3.5E-5	-2.5E-5	4.8E-5	-3.6E-5	3.0E-5	-2.9E-5
357	0.083	-0.082	0.042	-0.042	-0.078	-0.097	6.5E-5	5.5E-6	5.0E-5	-4.5E-5	2.9E-5	-2.9E-5
358	0.083	-0.082	0.031	-0.031	-0.081	-0.101	8.0E-5	3.1E-5	5.7E-5	-6.1E-5	2.9E-5	-2.8E-5
359	0.083	-0.082	0.029	-0.029	-0.085	-0.108	6.7E-5	3.6E-5	6.7E-5	-7.9E-5	2.9E-5	-2.9E-5
360	0.025	-0.024	0.038	-0.038	-0.081	-0.100	3.6E-5	-3.2E-5	-1.9E-5	-5.0E-5	2.6E-5	-2.7E-5
361	0.025	-0.024	0.029	-0.029	-0.082	-0.099	4.2E-5	-2.8E-5	-3.0E-5	-5.3E-5	2.8E-5	-2.8E-5
362	0.025	-0.023	0.024	-0.023	-0.084	-0.099	4.3E-5	-1.9E-5	-2.8E-5	-5.5E-5	3.0E-5	-2.9E-5
363	0.025	-0.023	0.023	-0.023	-0.086	-0.101	2.5E-5	-2.0E-5	2.6E-5	-4.7E-5	2.5E-5	-2.5E-5
364	0.025	-0.023	0.023	-0.023	-0.085	-0.104	2.4E-5	-1.6E-5	4.3E-5	-6.7E-5	2.6E-5	-2.5E-5
365	0.025	-0.024	0.024	-0.024	-0.083	-0.108	2.1E-5	-1.2E-5	4.0E-5	-7.1E-5	2.6E-5	-2.6E-5
366	0.025	-0.024	0.024	-0.023	-0.084	-0.099	1.1E-5	-3.1E-5	-3.0E-5	-5.9E-5	2.5E-5	-2.6E-5
367	0.026	-0.024	0.023	-0.023	-0.083	-0.099	1.5E-5	-2.4E-5	-3.3E-5	-6.1E-5	2.7E-5	-2.7E-5
368	0.026	-0.025	0.023	-0.023	-0.082	-0.100	2.2E-5	-1.4E-5	-2.5E-5	-5.9E-5	2.9E-5	-2.8E-5
369	0.046	-0.045	0.026	-0.026	-0.079	-0.113	1.6E-5	-4.7E-6	4.2E-5	-2.9E-5	2.7E-5	-2.6E-5
370	0.059	-0.058	0.027	-0.027	-0.079	-0.114	1.7E-5	-5.0E-6	1.6E-5	-3.0E-5	2.7E-5	-2.7E-5
371	0.071	-0.070	0.028	-0.028	-0.081	-0.114	1.6E-5	-3.3E-6	2.4E-5	-6.4E-5	2.8E-5	-2.8E-5
372	0.034	-0.033	0.025	-0.025	-0.080	-0.111	-1.0E-5	-4.4E-5	3.8E-5	-4.1E-5	2.6E-5	-2.6E-5
373	0.034	-0.033	0.025	-0.025	-0.078	-0.109	-7.3E-6	-5.3E-5	3.9E-5	-3.9E-5	2.6E-5	-2.6E-5
374	0.034	-0.032	0.025	-0.025	-0.076	-0.107	1.1E-5	-4.0E-5	3.9E-5	-3.6E-5	2.7E-5	-2.6E-5
375	0.095	-0.094	0.030	-0.030	-0.094	-0.106	1.2E-5	1.7E-6	1.0E-4	-1.0E-4	2.8E-5	-2.8E-5
376	0.118	-0.117	0.031	-0.032	-0.080	-0.121	2.1E-5	-1.1E-5	9.6E-5	-1.4E-4	2.8E-5	-2.8E-5
377	0.130	-0.129	0.032	-0.032	-0.073	-0.134	2.9E-5	-2.3E-5	8.4E-5	-1.9E-4	2.9E-5	-2.8E-5
378	0.142	-0.141	0.034	-0.034	-0.067	-0.151	3.8E-5	-3.5E-5	8.7E-5	-2.5E-4	3.0E-5	-2.9E-5
379	0.084	-0.083	0.029	-0.029	-0.086	-0.109	-1.6E-5	-5.4E-5	7.3E-5	-8.7E-5	2.5E-5	-2.5E-5
380	0.084	-0.083	0.029	-0.029	-0.084	-0.106	-9.2E-6	-7.2E-5	6.8E-5	-7.4E-5	2.6E-5	-2.6E-5
381	0.085	-0.084	0.029	-0.029	-0.082	-0.102	1.6E-5	-6.1E-5	6.3E-5	-6.3E-5	2.6E-5	-2.6E-5
382	0.027	-0.026	0.036	-0.036	-0.081	-0.101	1.3E-5	-2.1E-5	-2.7E-5	-6.1E-5	2.4E-5	-2.6E-5
383	0.028	-0.026	0.045	-0.045	-0.081	-0.102	2.2E-5	-1.0E-5	-3.7E-5	-6.7E-5	2.7E-5	-2.7E-5
384	0.029	-0.027	0.054	-0.054	-0.081	-0.103	2.5E-5	3.7E-6	-3.4E-5	-6.9E-5	2.9E-5	-2.8E-5
385	0.027	-0.025	0.027	-0.027	-0.082	-0.102	1.9E-5	-1.5E-5	2.5E-5	-2.6E-5	2.5E-5	-2.5E-5
386	0.027	-0.025	0.027	-0.027	-0.080	-0.103	2.3E-5	-1.4E-5	4.6E-5	-3.7E-5	2.5E-5	-2.5E-5
387	0.027	-0.025	0.028	-0.028	-0.078	-0.105	3.0E-5	-1.5E-5	4.7E-5	-4.3E-5	2.6E-5	-2.5E-5
388	0.030	-0.029	0.065	-0.065	-0.084	-0.107	2.9E-5	-6.7E-6	1.5E-5	-6.5E-5	2.5E-5	-2.5E-5
389	0.030	-0.029	0.065	-0.065	-0.082	-0.114	3.2E-5	1.2E-6	3.2E-5	-9.7E-5	2.5E-5	-2.5E-5
390	0.030	-0.029	0.066	-0.066	-0.081	-0.122	3.9E-5	5.8E-6	1.9E-5	-1.0E-4	2.6E-5	-2.5E-5
391	0.031	-0.030	0.074	-0.074	-0.083	-0.103	2.7E-5	-2.6E-5	-3.2E-5	-8.0E-5	2.4E-5	-2.6E-5
392	0.033	-0.031	0.084	-0.084	-0.085	-0.102	4.9E-5	-2.3E-5	-2.7E-5	-9.4E-5	2.7E-5	-2.7E-5
393	0.035	-0.033	0.094	-0.094	-0.086	-0.104	7.8E-5	-2.0E-5	-3.7E-7	-1.2E-4	3.0E-5	-2.9E-5
394	0.046	-0.045	0.067	-0.067	-0.084	-0.130	6.1E-5	3.7E-6	8.1E-6	-4.6E-5	2.6E-5	-2.6E-5
395	0.036	-0.035	0.078	-0.078	-0.085	-0.128	3.8E-5	-4.0E-5	-6.4E-6	-6.5E-5	2.6E-5	-2.6E-5
396	0.036	-0.034	0.089	-0.089	-0.087	-0.125	5.2E-5	-5.6E-5	-5.8E-6	-6.8E-5	2.7E-5	-2.7E-5
397	0.035	-0.034	0.100	-0.100	-0.091	-0.121	8.4E-5	-5.7E-5	-1.8E-6	-7.3E-5	2.7E-5	-2.8E-5
398	0.037	-0.036	0.112	-0.112	-0.094	-0.123	1.3E-4	-5.8E-5	1.4E-6	-7.4E-5	2.9E-5	-2.9E-5

399	0.034	-0.033	0.037	-0.037	-0.076	-0.111	6.9E-5	8.2E-6	2.8E-5	-4.1E-5	2.7E-5	-2.7E-5
400	0.035	-0.034	0.047	-0.047	-0.077	-0.117	8.8E-5	2.5E-5	1.7E-5	-4.8E-5	2.7E-5	-2.7E-5
401	0.036	-0.035	0.057	-0.057	-0.080	-0.124	8.1E-5	3.2E-5	4.2E-6	-5.5E-5	2.8E-5	-2.8E-5
402	0.068	-0.067	0.068	-0.068	-0.090	-0.125	6.5E-5	-1.6E-7	6.8E-5	-4.7E-5	2.7E-5	-2.6E-5
403	0.091	-0.090	0.068	-0.068	-0.091	-0.119	6.0E-5	-1.8E-5	1.2E-4	-8.5E-5	2.7E-5	-2.6E-5
404	0.101	-0.099	0.068	-0.068	-0.089	-0.120	5.1E-5	-3.4E-5	1.3E-4	-1.1E-4	2.8E-5	-2.7E-5
405	0.082	-0.081	0.077	-0.077	-0.096	-0.118	5.8E-5	-5.8E-5	1.1E-4	-6.4E-5	2.6E-5	-2.6E-5
406	0.082	-0.081	0.087	-0.087	-0.100	-0.114	6.9E-5	-8.3E-5	1.0E-4	-5.7E-5	2.7E-5	-2.7E-5
407	0.084	-0.083	0.039	-0.039	-0.081	-0.106	7.8E-5	3.3E-6	6.8E-5	-5.8E-5	2.7E-5	-2.7E-5
408	0.083	-0.082	0.048	-0.048	-0.083	-0.112	8.7E-5	3.5E-5	7.9E-5	-6.3E-5	2.7E-5	-2.7E-5
409	0.082	-0.081	0.058	-0.058	-0.087	-0.118	7.4E-5	4.6E-5	9.1E-5	-6.7E-5	2.8E-5	-2.8E-5
410	0.125	-0.123	0.068	-0.069	-0.068	-0.142	4.0E-5	-4.2E-5	1.6E-4	-2.0E-4	2.7E-5	-2.7E-5
411	0.139	-0.138	0.069	-0.069	-0.052	-0.165	3.9E-5	-4.6E-5	1.7E-4	-2.9E-4	2.8E-5	-2.8E-5
412	0.110	-0.109	0.080	-0.080	-0.081	-0.123	2.7E-5	-8.8E-5	1.5E-4	-1.3E-4	2.6E-5	-2.5E-5
413	0.110	-0.109	0.092	-0.092	-0.080	-0.119	5.5E-5	-8.6E-5	1.5E-4	-1.2E-4	2.7E-5	-2.7E-5
414	0.109	-0.108	0.105	-0.105	-0.077	-0.122	1.1E-4	-6.9E-5	1.6E-4	-1.3E-4	2.8E-5	-2.7E-5
415	0.109	-0.108	0.118	-0.118	-0.076	-0.132	1.9E-4	-4.4E-5	1.7E-4	-1.5E-4	2.9E-5	-2.8E-5
416	0.109	-0.108	0.130	-0.131	-0.077	-0.149	2.7E-4	-1.8E-5	1.9E-4	-1.8E-4	3.0E-5	-2.9E-5
417	0.109	-0.108	0.143	-0.144	-0.080	-0.172	3.4E-4	-2.2E-6	2.1E-4	-2.3E-4	3.1E-5	-3.1E-5
418	0.064	-0.062	0.095	-0.095	-0.098	-0.118	9.4E-5	-8.8E-5	7.9E-5	-5.5E-5	2.6E-5	-2.6E-5
419	0.073	-0.072	0.096	-0.096	-0.101	-0.115	9.1E-5	-9.0E-5	8.8E-5	-5.7E-5	2.7E-5	-2.6E-5
420	0.054	-0.053	0.105	-0.105	-0.097	-0.122	1.1E-4	-8.4E-5	5.4E-5	-5.2E-5	2.8E-5	-2.8E-5
421	0.054	-0.053	0.115	-0.115	-0.098	-0.125	1.4E-4	-7.8E-5	4.8E-5	-4.9E-5	2.9E-5	-2.9E-5
422	0.083	-0.082	0.106	-0.106	-0.099	-0.114	1.2E-4	-8.5E-5	9.9E-5	-5.1E-5	2.8E-5	-2.8E-5
423	0.083	-0.081	0.115	-0.115	-0.094	-0.123	1.6E-4	-6.7E-5	9.4E-5	-5.4E-5	2.9E-5	-2.9E-5
424	0.044	-0.042	0.124	-0.124	-0.095	-0.132	1.7E-4	-7.6E-5	2.6E-5	-5.3E-5	2.6E-5	-2.6E-5
425	0.041	-0.040	0.134	-0.134	-0.092	-0.139	2.1E-4	-8.7E-5	1.2E-5	-9.0E-5	3.0E-5	-3.0E-5
426	0.044	-0.042	0.144	-0.144	-0.087	-0.155	2.5E-4	-8.9E-5	3.2E-5	-1.2E-4	3.6E-5	-3.6E-5
427	0.063	-0.062	0.125	-0.125	-0.093	-0.135	1.7E-4	-6.4E-5	5.7E-5	-4.9E-5	2.6E-5	-2.6E-5
428	0.073	-0.072	0.125	-0.125	-0.092	-0.135	1.8E-4	-5.4E-5	7.1E-5	-5.9E-5	2.6E-5	-2.6E-5
429	0.082	-0.080	0.135	-0.135	-0.088	-0.150	2.3E-4	-2.1E-5	8.6E-5	-8.7E-5	3.0E-5	-3.0E-5
430	0.081	-0.079	0.146	-0.146	-0.087	-0.167	2.7E-4	-6.3E-6	8.4E-5	-1.1E-4	3.1E-5	-3.1E-5
431	0.047	-0.046	0.155	-0.155	-0.082	-0.177	2.7E-4	-7.0E-5	7.9E-5	-1.3E-4	2.5E-5	-2.5E-5
432	0.058	-0.057	0.155	-0.155	-0.084	-0.180	2.7E-4	-4.3E-5	4.5E-5	-1.0E-4	2.5E-5	-2.5E-5
433	0.069	-0.067	0.156	-0.156	-0.086	-0.183	2.8E-4	-2.2E-5	1.2E-5	-8.2E-5	2.6E-5	-2.5E-5
434	0.089	-0.088	0.156	-0.156	-0.086	-0.192	3.2E-4	-2.4E-6	1.4E-4	-1.9E-4	2.7E-5	-2.6E-5
435	0.099	-0.098	0.157	-0.157	-0.084	-0.197	3.5E-4	-2.1E-6	1.9E-4	-2.4E-4	2.7E-5	-2.7E-5
436	0.123	-0.122	0.157	-0.157	-0.059	-0.231	4.1E-4	-1.8E-5	3.0E-4	-3.7E-4	2.7E-5	-2.7E-5
437	0.137	-0.136	0.157	-0.157	-0.029	-0.270	4.4E-4	-3.5E-5	3.5E-4	-4.7E-4	2.9E-5	-2.9E-5
438	0.046	-0.045	0.028	-0.028	-0.074	-0.108	4.5E-5	-1.8E-5	2.6E-5	-2.0E-5	2.6E-5	-2.6E-5
439	0.059	-0.058	0.028	-0.028	-0.075	-0.107	4.8E-5	-2.0E-5	2.4E-5	-2.7E-5	2.7E-5	-2.6E-5
440	0.072	-0.071	0.029	-0.029	-0.078	-0.105	5.0E-5	-2.6E-5	3.6E-5	-4.5E-5	2.7E-5	-2.7E-5
441	0.197	-0.181	0.626	-0.632	-0.061	-0.221	1.9E-3	-1.6E-3	3.7E-4	-3.5E-4	2.8E-4	-1.9E-4
442	0.198	-0.180	0.630	-0.643	-0.080	-0.204	2.1E-3	-1.7E-3	3.2E-4	-3.7E-4	2.7E-4	-2.0E-4
443	0.199	-0.180	0.635	-0.653	-0.085	-0.208	2.0E-3	-1.7E-3	2.6E-4	-3.6E-4	2.5E-4	-2.2E-4
444	0.158	-0.143	0.445	-0.481	-0.028	-0.252	2.2E-3	-2.0E-3	4.2E-4	-4.4E-4	2.1E-4	-2.3E-4
445	0.116	-0.105	0.245	-0.290	-0.028	-0.247	2.0E-3	-2.1E-3	3.9E-4	-4.3E-4	1.1E-4	-1.3E-4
446	0.075	-0.068	0.158	-0.191	-0.031	-0.239	1.3E-3	-1.5E-3	4.3E-4	-4.7E-4	5.4E-5	-6.0E-5
447	0.157	-0.141	0.445	-0.493	-0.086	-0.209	2.3E-3	-2.1E-3	3.6E-4	-4.1E-4	1.7E-4	-1.3E-4
448	0.118	-0.107	0.243	-0.295	-0.085	-0.207	2.0E-3	-2.0E-3	3.7E-4	-4.2E-4	9.4E-5	-7.1E-5
449	0.084	-0.079	0.155	-0.192	-0.084	-0.205	1.3E-3	-1.5E-3	3.7E-4	-4.3E-4	5.1E-5	-3.9E-5
450	0.199	-0.179	0.645	-0.673	-0.065	-0.233	2.1E-3	-1.9E-3	3.1E-4	-3.2E-4	2.8E-4	-1.9E-4
451	0.200	-0.178	0.649	-0.684	-0.034	-0.269	2.3E-3	-2.1E-3	3.3E-4	-3.9E-4	2.6E-4	-2.1E-4
452	0.200	-0.178	0.656	-0.693	-0.001	-0.307	2.2E-3	-2.1E-3	3.3E-4	-4.0E-4	2.3E-4	-2.4E-4
453	0.201	-0.177	0.666	-0.699	0.030	-0.347	2.1E-3	-1.9E-3	3.0E-4	-4.2E-4	2.0E-4	-2.6E-4
454	0.164	-0.146	0.483	-0.535	0.066	-0.390	2.4E-3	-2.2E-3	3.4E-4	-4.1E-4	2.5E-4	-2.6E-4
455	0.160	-0.149	0.268	-0.321	0.065	-0.387	2.2E-3	-2.3E-3	3.5E-4	-4.1E-4	1.6E-4	-1.5E-4
456	0.156	-0.150	0.156	-0.191	0.064	-0.383	1.4E-3	-1.6E-3	3.6E-4	-4.2E-4	6.1E-5	-5.8E-5
457	0.475	-0.448	0.643	-0.632	-0.065	-0.182	1.9E-3	-1.9E-3	1.4E-8	-1.4E-8	2.2E-4	-2.5E-4
458	0.474	-0.449	0.648	-0.639	-0.052	-0.187	2.0E-3	-2.0E-3	4.8E-8	-4.8E-8	2.1E-4	-2.5E-4
459	0.048	-0.047	0.147	-0.147	-0.085	-0.142	2.8E-4	-1.6E-4	4.3E-4	-5.6E-4	7.0E-5	-7.2E-5
460	0.047	-0.047	0.142	-0.142	-0.081	-0.134	2.6E-4	-1.6E-4	4.0E-4	-5.8E-4	5.9E-5	-5.9E-5
461	0.339	-0.315	0.489	-0.475	0.025	-0.267	2.5E-3	-2.5E-3	1.9E-9	-1.9E-9	4.8E-4	-5.2E-4
462	0.218	-0.199	0.275	-0.262	0.006	-0.244	2.1E-3	-2.1E-3	6.0E-8	-6.0E-8	1.3E-4	-1.6E-4
463	0.119	-0.107	0.158	-0.148	-0.022	-0.215	1.5E-3	-1.4E-3	1.0E-8	-1.0E-8	6.2E-5	-8.5E-5
464	0.338	-0.316	0.446	-0.439	0.036	-0.267	2.2E-3	-2.2E-3	6.3E-8	-6.3E-8	1.8E-4	-2.1E-4
465	0.217	-0.200	0.249	-0.241	0.015	-0.238	2.0E-3	-2.0E-3	2.3E-9	-2.3E-9	2.1E-4	-2.3E-4
466	0.119	-0.108	0.144	-0.138	-0.013	-0.201	1.3E-3	-1.3E-3	4.9E-8	-4.9E-8	1.8E-4	-1.9E-4
467	1.082	-1.035	1.347	-1.323	-0.014	-0.247	1.3E-3	-1.2E-3	6.5E-8	-6.5E-8	5.7E-4	-5.9E-4
468	1.082	-1.035	1.359	-1.336	-0.013	-0.244	1.3E-3	-1.3E-3	5.5E-9	-5.5E-9	5.6E-4	-5.9E-4
469	0.934	-0.892	1.211	-1.190	0.033	-0.292	2.1E-3	-2.0E-3	4.1E-8	-4.1E-8	5.3E-4	-5.6E-4
470	0.779	-0.743	1.008	-0.991	0.040	-0.295	2.2E-3	-2.1E-3	1.4E-8	-1.4E-8	3.8E-4	-4.1E-4

471	0.624	-0.593	0.789	-0.775	0.041	-0.292	2.4E-3	-2.4E-3	4.4E-0	-4.4E-0	4.9E-4	-5.1E-4
472	0.934	-0.893	1.221	-1.206	0.068	-0.315	1.7E-3	-1.7E-3	6.2E-8	-6.2E-8	4.8E-4	-5.1E-4
473	0.779	-0.744	1.044	-1.034	0.069	-0.312	2.0E-3	-1.9E-3	2.1E-8	-2.1E-8	4.0E-4	-4.3E-4
474	0.624	-0.594	0.851	-0.845	0.064	-0.303	2.1E-3	-2.0E-3	2.8E-8	-2.8E-8	3.0E-4	-3.5E-4
475	1.553	-1.483	1.705	-1.666	0.036	-0.301	8.3E-4	-8.2E-4	3.1E-8	-3.1E-8	8.5E-4	-8.5E-4
476	1.553	-1.482	1.723	-1.684	0.038	-0.299	8.4E-4	-8.2E-4	4.0E-8	-4.0E-8	8.4E-4	-8.7E-4
477	1.430	-1.365	1.623	-1.582	0.021	-0.291	1.1E-3	-1.0E-3	5.7E-8	-5.7E-8	8.6E-4	-9.0E-4
478	1.312	-1.253	1.526	-1.490	0.013	-0.278	1.1E-3	-1.1E-3	2.0E-8	-2.0E-8	7.2E-4	-7.4E-4
479	1.199	-1.146	1.417	-1.388	0.017	-0.281	1.4E-3	-1.3E-3	3.4E-9	-3.4E-9	7.3E-4	-7.3E-4
480	1.430	-1.365	1.664	-1.630	0.051	-0.303	9.2E-4	-8.9E-4	1.1E-8	-1.1E-8	7.7E-4	-8.0E-4
481	1.312	-1.253	1.580	-1.550	0.054	-0.304	1.0E-3	-9.7E-4	7.1E-8	-7.1E-8	7.1E-4	-7.4E-4
482	1.199	-1.147	1.483	-1.458	0.057	-0.307	1.2E-3	-1.1E-3	6.3E-8	-6.3E-8	6.3E-4	-6.7E-4
483	0.078	-0.073	0.156	-0.192	-0.088	-0.197	1.3E-3	-1.5E-3	3.8E-8	-3.8E-8	5.8E-5	-4.3E-5
484	0.117	-0.107	0.242	-0.291	-0.089	-0.198	2.0E-3	-2.0E-3	1.3E-8	-1.3E-8	1.1E-4	-6.9E-5
485	0.157	-0.143	0.437	-0.480	-0.090	-0.199	2.2E-3	-2.0E-3	5.2E-9	-5.2E-9	2.3E-4	-1.6E-4
486	0.157	-0.143	0.431	-0.469	-0.080	-0.203	2.1E-3	-1.9E-3	1.6E-8	-1.6E-8	1.9E-4	-1.5E-4
487	0.157	-0.142	0.435	-0.471	-0.061	-0.220	2.1E-3	-1.9E-3	1.2E-8	-1.2E-8	2.2E-4	-2.1E-4
488	0.077	-0.071	0.157	-0.191	-0.079	-0.201	1.3E-3	-1.5E-3	3.5E-9	-3.5E-9	5.6E-5	-3.9E-5
489	0.116	-0.106	0.241	-0.287	-0.080	-0.202	1.9E-3	-1.9E-3	2.9E-8	-2.9E-8	1.1E-4	-7.6E-5
490	0.116	-0.105	0.243	-0.288	-0.061	-0.217	2.0E-3	-2.0E-3	4.6E-8	-4.6E-8	1.2E-4	-1.1E-4
491	0.076	-0.069	0.158	-0.191	-0.061	-0.214	1.3E-3	-1.5E-3	2.9E-8	-2.9E-8	5.4E-5	-3.9E-5
492	0.141	-0.136	0.155	-0.191	0.031	-0.343	1.3E-3	-1.6E-3	3.8E-8	-3.8E-8	5.2E-5	-6.7E-5
493	0.145	-0.134	0.256	-0.309	0.032	-0.346	2.1E-3	-2.2E-3	5.5E-8	-5.5E-8	1.6E-4	-1.6E-4
494	0.158	-0.141	0.460	-0.511	0.031	-0.347	2.3E-3	-2.1E-3	5.0E-8	-5.0E-8	2.9E-4	-2.8E-4
495	0.127	-0.122	0.154	-0.192	-0.001	-0.304	1.3E-3	-1.5E-3	2.5E-8	-2.5E-8	4.0E-5	-4.9E-5
496	0.130	-0.120	0.244	-0.297	-0.001	-0.306	2.0E-3	-2.0E-3	4.8E-8	-4.8E-8	1.3E-4	-1.3E-4
497	0.159	-0.142	0.443	-0.494	-0.001	-0.307	2.3E-3	-2.2E-3	3.1E-8	-3.1E-8	2.0E-4	-2.0E-4
498	0.159	-0.142	0.436	-0.486	-0.034	-0.268	2.2E-3	-2.1E-3	3.4E-8	-3.4E-8	1.7E-4	-1.5E-4
499	0.158	-0.142	0.440	-0.489	-0.066	-0.232	2.2E-3	-2.1E-3	4.7E-8	-4.7E-8	1.8E-4	-1.7E-4
500	0.113	-0.107	0.154	-0.192	-0.034	-0.266	1.2E-3	-1.5E-3	2.8E-9	-2.8E-9	4.2E-5	-4.3E-5
501	0.118	-0.107	0.240	-0.293	-0.034	-0.267	1.9E-3	-2.0E-3	1.5E-8	-1.5E-8	8.2E-5	-8.8E-5
502	0.118	-0.107	0.242	-0.295	-0.066	-0.230	2.0E-3	-2.1E-3	4.2E-8	-4.2E-8	9.0E-5	-8.8E-5
503	0.099	-0.093	0.154	-0.192	-0.066	-0.229	1.2E-3	-1.5E-3	9.8E-0	-9.8E-0	5.0E-5	-4.3E-5
504	0.337	-0.314	0.452	-0.442	-0.057	-0.177	2.1E-3	-2.1E-3	3.6E-8	-3.6E-8	2.0E-4	-2.3E-4
505	0.337	-0.314	0.464	-0.452	-0.068	-0.170	2.0E-3	-2.0E-3	6.0E-8	-6.0E-8	3.2E-4	-3.5E-4
506	0.116	-0.105	0.148	-0.141	-0.073	-0.148	1.4E-3	-1.3E-3	4.2E-8	-4.2E-8	8.3E-5	-9.7E-5
507	0.216	-0.197	0.260	-0.250	-0.064	-0.164	2.0E-3	-2.0E-3	1.1E-8	-1.1E-8	1.9E-4	-2.2E-4
508	0.216	-0.197	0.270	-0.258	-0.072	-0.162	2.1E-3	-2.1E-3	5.0E-8	-5.0E-8	1.7E-4	-2.0E-4
509	0.116	-0.104	0.153	-0.145	-0.079	-0.151	1.4E-3	-1.4E-3	3.0E-8	-3.0E-8	6.3E-5	-8.0E-5
510	0.934	-0.893	1.210	-1.193	-0.026	-0.228	1.7E-3	-1.7E-3	1.1E-8	-1.1E-8	4.7E-4	-5.1E-4
511	0.934	-0.893	1.206	-1.187	-0.027	-0.231	1.7E-3	-1.7E-3	3.7E-8	-3.7E-8	5.0E-4	-5.3E-4
512	0.623	-0.593	0.840	-0.830	-0.049	-0.196	2.0E-3	-2.0E-3	3.0E-8	-3.0E-8	3.2E-4	-3.6E-4
513	0.779	-0.744	1.032	-1.019	-0.038	-0.212	2.0E-3	-2.0E-3	6.0E-8	-6.0E-8	3.9E-4	-4.2E-4
514	0.779	-0.743	1.019	-1.004	-0.040	-0.215	2.2E-3	-2.2E-3	6.6E-9	-6.6E-9	3.9E-4	-4.2E-4
515	0.623	-0.592	0.821	-0.809	-0.052	-0.198	1.9E-3	-1.9E-3	3.8E-8	-3.8E-8	3.6E-4	-3.9E-4
516	1.430	-1.365	1.647	-1.610	0.025	-0.285	9.2E-4	-8.9E-4	4.6E-8	-4.6E-8	7.8E-4	-8.2E-4
517	1.430	-1.365	1.632	-1.594	0.023	-0.288	8.9E-4	-8.7E-4	4.3E-8	-4.3E-8	8.3E-4	-8.5E-4
518	1.200	-1.148	1.467	-1.440	0.000	-0.258	1.1E-3	-1.1E-3	5.4E-8	-5.4E-8	6.4E-4	-6.7E-4
519	1.312	-1.254	1.562	-1.529	0.012	-0.272	1.0E-3	-9.8E-4	7.0E-8	-7.0E-8	7.2E-4	-7.5E-4
520	1.312	-1.254	1.543	-1.509	0.010	-0.274	1.2E-3	-1.1E-3	5.0E-8	-5.0E-8	7.2E-4	-7.5E-4
521	1.200	-1.147	1.446	-1.418	-0.002	-0.261	1.1E-3	-1.0E-3	4.6E-8	-4.6E-8	6.9E-4	-7.0E-4
522	0.056	-0.055	0.057	-0.057	-0.083	-0.124	8.8E-5	5.5E-5	3.5E-5	-3.6E-5	1.5E-8	-1.5E-8
523	0.057	-0.056	0.048	-0.048	-0.079	-0.117	9.5E-5	3.9E-5	3.1E-5	-3.1E-5	1.9E-8	-1.9E-8
524	0.058	-0.057	0.038	-0.038	-0.076	-0.110	7.9E-5	8.6E-6	2.7E-5	-2.8E-5	1.7E-9	-1.7E-9
525	0.070	-0.069	0.048	-0.048	-0.082	-0.114	9.1E-5	3.9E-5	4.7E-5	-5.0E-5	9.8E-9	-9.8E-9
526	0.071	-0.070	0.038	-0.038	-0.079	-0.108	7.8E-5	7.4E-6	3.9E-5	-4.7E-5	1.6E-8	-1.6E-8
527	0.046	-0.045	0.047	-0.047	-0.077	-0.118	9.3E-5	3.5E-5	1.7E-5	-2.2E-5	7.2E-9	-7.2E-9
528	0.046	-0.045	0.038	-0.038	-0.075	-0.112	7.6E-5	9.4E-6	2.2E-5	-1.8E-5	1.2E-8	-1.2E-8
529	0.102	-0.101	0.157	-0.157	-0.083	-0.200	3.6E-4	-3.5E-6	2.1E-4	-2.5E-4	8.7E-1	-8.7E-1
530	0.119	-0.118	0.157	-0.157	-0.067	-0.222	4.0E-4	-1.5E-5	2.8E-4	-3.4E-4	3.6E-0	-3.6E-0
531	0.110	-0.108	0.157	-0.157	-0.080	-0.205	3.8E-4	-7.7E-6	2.5E-4	-3.0E-4	5.1E-0	-5.1E-0
532	0.043	-0.042	0.141	-0.141	-0.078	-0.117	1.2E-4	-4.1E-5	1.4E-4	-1.6E-4	2.0E-8	-2.0E-8
533	0.042	-0.040	0.131	-0.131	-0.080	-0.111	1.1E-4	-6.6E-5	1.0E-4	-1.6E-4	1.9E-8	-1.9E-8
534	0.040	-0.039	0.122	-0.122	-0.084	-0.106	9.5E-5	-9.4E-5	6.4E-5	-1.5E-4	2.0E-8	-2.0E-8
535	0.038	-0.037	0.113	-0.113	-0.086	-0.106	6.5E-5	-1.1E-4	2.7E-5	-1.4E-4	2.3E-8	-2.3E-8
536	0.037	-0.035	0.107	-0.107	-0.085	-0.112	4.4E-5	-4.6E-5	4.0E-5	-5.0E-5	1.6E-8	-1.6E-8
537	0.037	-0.036	0.109	-0.109	-0.090	-0.109	7.6E-5	-4.9E-5	3.7E-5	-9.4E-5	1.1E-8	-1.1E-8
538	0.037	-0.036	0.110	-0.110	-0.092	-0.115	1.0E-4	-5.4E-5	1.9E-5	-1.2E-4	8.5E-9	-8.5E-9
539	0.043	-0.042	0.145	-0.145	-0.080	-0.130	1.3E-4	-6.4E-5	-3.3E-6	-1.5E-4	5.2E-9	-5.2E-9
540	0.042	-0.041	0.136	-0.136	-0.084	-0.122	1.2E-4	-6.4E-5	-1.6E-5	-1.1E-4	1.1E-8	-1.1E-8
541	0.040	-0.039	0.127	-0.127	-0.088	-0.116	1.0E-4	-6.2E-5	-1.4E-5	-8.4E-5	8.8E-9	-8.8E-9
542	0.039	-0.037	0.118	-0.118	-0.089	-0.112	8.7E-5	-5.6E-5	1.9E-5	-9.5E-5	1.9E-8	-1.9E-8

543	0.042	-0.040	0.135	-0.135	-0.090	-0.135	1.9E-4	-8.2E-5	-1.7E-5	-1.3E-4	1.5E-8	-1.5E-8
544	0.042	-0.040	0.136	-0.135	-0.087	-0.128	1.6E-4	-7.4E-5	-2.7E-5	-1.3E-4	1.2E-8	-1.2E-8
545	0.039	-0.038	0.123	-0.122	-0.094	-0.121	1.4E-4	-6.8E-5	-1.8E-6	-1.3E-4	2.1E-8	-2.1E-8
546	0.135	-0.133	0.089	-0.089	-0.039	-0.049	-3.8E-5	-9.4E-5	-6.9E-5	-1.0E-4	1.0E-9	-1.0E-9
547	0.122	-0.120	0.088	-0.088	-0.046	-0.057	-4.0E-5	-8.3E-5	-8.2E-5	-1.2E-4	4.7E-9	-4.7E-9
548	0.109	-0.108	0.087	-0.087	-0.054	-0.069	-4.2E-5	-8.3E-5	-9.9E-5	-1.4E-4	1.5E-8	-1.5E-8
549	0.097	-0.095	0.087	-0.087	-0.063	-0.082	-4.1E-5	-8.9E-5	-1.1E-4	-1.5E-4	1.2E-8	-1.2E-8
550	0.084	-0.083	0.086	-0.086	-0.072	-0.095	-5.0E-5	-9.9E-5	-9.8E-5	-1.5E-4	2.0E-8	-2.0E-8
551	0.029	-0.027	0.054	-0.054	-0.074	-0.093	1.4E-5	-4.6E-6	-1.0E-4	-1.4E-4	1.9E-8	-1.9E-8
552	0.039	-0.038	0.054	-0.053	-0.063	-0.078	1.1E-5	-7.6E-6	-1.2E-4	-1.6E-4	6.8E-9	-6.8E-9
553	0.052	-0.051	0.053	-0.053	-0.052	-0.064	9.5E-6	-9.8E-6	-1.0E-4	-1.4E-4	1.4E-8	-1.4E-8
554	0.065	-0.063	0.053	-0.053	-0.044	-0.052	8.6E-6	-1.1E-5	-7.7E-5	-1.1E-4	4.0E-9	-4.0E-9
555	0.078	-0.077	0.053	-0.053	-0.038	-0.043	7.2E-6	-1.1E-5	-5.0E-5	-8.0E-5	1.5E-8	-1.5E-8
556	0.091	-0.090	0.053	-0.053	-0.034	-0.037	4.6E-6	-1.0E-5	-2.7E-5	-5.3E-5	7.4E-9	-7.4E-9
557	0.104	-0.103	0.053	-0.053	-0.032	-0.034	1.9E-6	-8.2E-6	-1.2E-5	-3.4E-5	1.1E-8	-1.1E-8
558	0.118	-0.117	0.054	-0.054	-0.030	-0.033	2.3E-7	-6.5E-6	-2.9E-6	-2.4E-5	1.5E-8	-1.5E-8
559	0.132	-0.131	0.054	-0.054	-0.028	-0.032	4.7E-7	-5.9E-6	9.6E-7	-2.0E-5	7.5E-9	-7.5E-9
560	0.046	-0.045	0.141	-0.141	-0.037	-0.138	1.3E-4	-7.4E-7	-1.1E-4	-2.7E-4	3.9E-9	-3.9E-9
561	0.056	-0.055	0.142	-0.142	-0.030	-0.116	1.0E-4	-1.5E-6	-5.4E-5	-2.7E-4	1.1E-8	-1.1E-8
562	0.067	-0.066	0.142	-0.142	-0.027	-0.095	9.0E-5	1.1E-5	-1.2E-5	-2.3E-4	6.3E-9	-6.3E-9
563	0.078	-0.077	0.142	-0.142	-0.028	-0.078	8.9E-5	2.1E-5	2.1E-5	-1.6E-4	1.3E-8	-1.3E-8
564	0.089	-0.088	0.142	-0.142	-0.030	-0.067	1.0E-4	3.1E-5	4.5E-5	-9.3E-5	2.0E-8	-2.0E-8
565	0.101	-0.100	0.142	-0.142	-0.033	-0.062	1.2E-4	4.4E-5	6.5E-5	-3.6E-5	1.3E-8	-1.3E-8
566	0.113	-0.112	0.143	-0.143	-0.038	-0.062	1.6E-4	5.7E-5	7.8E-5	5.0E-6	6.8E-9	-6.8E-9
567	0.125	-0.124	0.143	-0.143	-0.042	-0.064	1.9E-4	7.3E-5	8.2E-5	2.7E-5	5.5E-9	-5.5E-9
568	0.123	-0.122	0.105	-0.105	-0.061	-0.138	1.1E-4	-7.1E-5	1.8E-4	-2.1E-4	1.8E-8	-1.8E-8
569	0.138	-0.136	0.106	-0.106	-0.043	-0.163	1.2E-4	-7.8E-5	1.9E-4	-3.1E-4	1.8E-8	-1.8E-8
570	0.096	-0.095	0.116	-0.117	-0.089	-0.123	1.7E-4	-5.4E-5	1.4E-4	-7.2E-5	1.1E-8	-1.1E-8
571	0.055	-0.054	0.132	-0.132	-0.091	-0.142	1.9E-4	-6.4E-5	2.9E-5	-4.0E-5	2.7E-8	-2.7E-8
572	0.056	-0.055	0.140	-0.140	-0.088	-0.153	2.3E-4	-5.4E-5	3.2E-5	-5.5E-5	1.7E-8	-1.7E-8
573	0.057	-0.056	0.147	-0.147	-0.086	-0.166	2.5E-4	-4.6E-5	3.9E-5	-7.6E-5	1.1E-8	-1.1E-8
574	0.046	-0.044	0.142	-0.142	-0.088	-0.155	2.4E-4	-7.2E-5	5.2E-5	-8.0E-5	2.7E-9	-2.7E-9
575	0.046	-0.045	0.148	-0.148	-0.085	-0.165	2.6E-4	-7.1E-5	6.4E-5	-1.0E-4	1.7E-8	-1.7E-8
576	0.073	-0.072	0.105	-0.105	-0.100	-0.115	1.2E-4	-8.5E-5	8.6E-5	-5.5E-5	2.6E-9	-2.6E-9
577	0.073	-0.072	0.115	-0.115	-0.096	-0.123	1.5E-4	-7.1E-5	8.0E-5	-5.5E-5	2.6E-8	-2.6E-8
578	0.045	-0.044	0.092	-0.092	-0.090	-0.126	7.0E-5	-6.4E-5	-3.8E-6	-4.1E-5	5.4E-9	-5.4E-9
579	0.059	-0.058	0.027	-0.027	-0.078	-0.112	-7.2E-6	-4.7E-5	1.7E-5	-3.0E-5	1.3E-8	-1.3E-8
580	0.059	-0.058	0.027	-0.027	-0.076	-0.109	-2.5E-6	-5.7E-5	1.9E-5	-2.9E-5	1.3E-8	-1.3E-8
581	0.059	-0.058	0.027	-0.027	-0.075	-0.107	2.1E-5	-4.5E-5	2.1E-5	-2.8E-5	1.0E-8	-1.0E-8
582	0.046	-0.045	0.026	-0.026	-0.076	-0.109	-4.5E-6	-5.3E-5	3.5E-5	-2.3E-5	2.1E-8	-2.1E-8
583	0.046	-0.045	0.026	-0.026	-0.075	-0.107	1.7E-5	-4.1E-5	3.1E-5	-2.1E-5	9.5E-9	-9.5E-9
584	0.072	-0.070	0.028	-0.028	-0.079	-0.108	-3.1E-6	-6.4E-5	2.7E-5	-5.7E-5	1.6E-8	-1.6E-8
585	0.072	-0.071	0.028	-0.028	-0.078	-0.105	2.1E-5	-5.3E-5	3.0E-5	-4.9E-5	1.4E-8	-1.4E-8
586	0.029	-0.027	0.056	-0.056	-0.081	-0.111	4.2E-5	1.4E-5	3.4E-5	-7.7E-5	5.0E-9	-5.0E-9
587	0.028	-0.027	0.046	-0.046	-0.080	-0.108	4.7E-5	2.4E-6	3.9E-5	-5.7E-5	1.0E-8	-1.0E-8
588	0.027	-0.026	0.037	-0.037	-0.080	-0.105	3.8E-5	-9.3E-6	4.3E-5	-4.4E-5	8.5E-9	-8.5E-9
589	0.028	-0.027	0.047	-0.047	-0.078	-0.113	6.7E-5	1.2E-5	3.0E-5	-7.0E-5	2.0E-8	-2.0E-8
590	0.027	-0.026	0.037	-0.037	-0.077	-0.108	5.1E-5	-2.0E-6	3.9E-5	-5.4E-5	6.2E-9	-6.2E-9
591	0.096	-0.095	0.030	-0.030	-0.082	-0.100	5.2E-5	-3.2E-5	1.0E-4	-7.6E-5	1.5E-8	-1.5E-8
592	0.107	-0.106	0.031	-0.031	-0.080	-0.101	5.6E-5	-3.1E-5	1.1E-4	-1.2E-4	1.3E-8	-1.3E-8
593	0.119	-0.118	0.032	-0.032	-0.071	-0.112	6.0E-5	-3.1E-5	1.2E-4	-1.7E-4	1.7E-8	-1.7E-8
594	0.130	-0.129	0.033	-0.033	-0.062	-0.129	7.0E-5	-4.0E-5	1.2E-4	-2.4E-4	2.0E-8	-2.0E-8
595	0.142	-0.141	0.034	-0.035	-0.053	-0.150	8.3E-5	-5.6E-5	1.2E-4	-2.9E-4	2.8E-9	-2.8E-9
596	0.113	-0.111	0.059	-0.059	-0.079	-0.124	9.0E-5	2.0E-5	1.4E-4	-1.5E-4	1.3E-8	-1.3E-8
597	0.115	-0.114	0.050	-0.050	-0.076	-0.119	1.1E-4	1.5E-5	1.3E-4	-1.6E-4	1.1E-8	-1.1E-8
598	0.117	-0.116	0.041	-0.041	-0.073	-0.114	9.0E-5	-4.9E-6	1.2E-4	-1.7E-4	2.1E-8	-2.1E-8
599	0.141	-0.139	0.055	-0.056	-0.051	-0.161	9.8E-5	-2.2E-5	1.6E-4	-3.0E-4	1.9E-8	-1.9E-8
600	0.127	-0.126	0.053	-0.053	-0.064	-0.137	1.0E-4	-1.3E-6	1.4E-4	-2.2E-4	1.1E-8	-1.1E-8
601	0.126	-0.124	0.063	-0.063	-0.067	-0.141	6.8E-5	-1.1E-5	1.6E-4	-2.1E-4	5.8E-9	-5.8E-9
602	0.127	-0.125	0.058	-0.058	-0.066	-0.140	8.9E-5	7.9E-7	1.5E-4	-2.1E-4	4.0E-9	-4.0E-9
603	0.120	-0.119	0.061	-0.062	-0.072	-0.134	7.3E-5	-1.7E-6	1.5E-4	-1.9E-4	3.2E-9	-3.2E-9
604	0.025	-0.024	0.023	-0.023	-0.084	-0.104	5.8E-8	-2.7E-5	4.2E-5	-5.5E-5	2.3E-8	-2.3E-8
605	0.026	-0.024	0.023	-0.023	-0.082	-0.103	1.3E-6	-3.0E-5	4.3E-5	-4.2E-5	7.3E-9	-7.3E-9
606	0.026	-0.025	0.023	-0.023	-0.081	-0.103	1.0E-5	-2.2E-5	4.5E-5	-3.6E-5	9.4E-9	-9.4E-9
607	0.026	-0.024	0.024	-0.024	-0.080	-0.106	-3.6E-6	-4.0E-5	4.1E-5	-5.3E-5	3.5E-9	-3.5E-9
608	0.026	-0.025	0.024	-0.024	-0.079	-0.105	1.1E-5	-2.9E-5	4.5E-5	-4.5E-5	1.8E-8	-1.8E-8
609	0.096	-0.095	0.053	-0.053	-0.078	-0.090	3.7E-5	-2.3E-5	6.8E-5	-4.3E-5	1.7E-8	-1.7E-8
610	0.110	-0.109	0.053	-0.053	-0.076	-0.092	4.1E-5	-2.7E-5	5.7E-5	-9.2E-5	7.9E-9	-7.9E-9
611	0.124	-0.123	0.053	-0.053	-0.072	-0.104	5.4E-5	-4.6E-5	3.5E-5	-1.6E-4	4.7E-9	-4.7E-9
612	0.138	-0.138	0.053	-0.053	-0.071	-0.123	7.2E-5	-7.5E-5	1.8E-5	-2.4E-4	1.4E-8	-1.4E-8
613	0.119	-0.118	0.031	-0.032	-0.078	-0.118	8.5E-5	1.3E-5	8.5E-5	-1.5E-4	1.1E-8	-1.1E-8
614	0.120	-0.120	0.032	-0.032	-0.076	-0.113	1.1E-4	1.2E-5	7.1E-5	-1.5E-4	2.6E-0	-2.6E-0

615	0.122	-0.121	0.035	-0.035	-0.075	-0.107	9.7E-5	-1.1E-6	5.7E-5	-1.5E-4	1.5E-8	-1.5E-8
616	0.123	-0.122	0.044	-0.044	-0.073	-0.104	7.6E-5	-2.1E-5	4.4E-5	-1.6E-4	1.8E-8	-1.8E-8
617	0.092	-0.091	0.030	-0.030	-0.085	-0.098	8.2E-5	3.6E-5	8.1E-5	-6.4E-5	5.5E-9	-5.5E-9
618	0.101	-0.101	0.030	-0.030	-0.085	-0.098	9.0E-5	3.4E-5	8.8E-5	-8.1E-5	1.9E-8	-1.9E-8
619	0.111	-0.110	0.031	-0.031	-0.081	-0.104	1.0E-4	2.3E-5	8.2E-5	-1.1E-4	2.3E-8	-2.3E-8
620	0.098	-0.097	0.030	-0.030	-0.090	-0.103	7.0E-5	3.6E-5	9.9E-5	-9.1E-5	2.5E-9	-2.5E-9
621	0.091	-0.090	0.029	-0.029	-0.089	-0.104	6.4E-5	4.0E-5	8.9E-5	-8.5E-5	2.2E-8	-2.2E-8
622	0.026	-0.025	0.049	-0.049	-0.079	-0.101	4.1E-5	-1.1E-5	4.4E-5	-1.8E-5	2.2E-8	-2.2E-8
623	0.026	-0.025	0.050	-0.050	-0.080	-0.096	4.0E-5	-1.1E-5	6.7E-5	-3.3E-5	1.9E-8	-1.9E-8
624	0.026	-0.025	0.051	-0.051	-0.081	-0.093	3.7E-5	-1.4E-5	6.6E-5	-4.8E-5	1.7E-8	-1.7E-8
625	0.026	-0.025	0.052	-0.052	-0.080	-0.093	3.2E-5	-1.7E-5	5.7E-5	-5.5E-5	1.9E-8	-1.9E-8
626	0.025	-0.024	0.023	-0.023	-0.085	-0.102	5.0E-5	-9.1E-6	4.7E-5	-5.7E-5	1.8E-8	-1.8E-8
627	0.025	-0.024	0.026	-0.026	-0.085	-0.099	6.0E-5	-1.1E-5	5.3E-5	-5.0E-5	2.3E-8	-2.3E-8
628	0.025	-0.024	0.034	-0.034	-0.084	-0.097	5.9E-5	-1.4E-5	6.0E-5	-4.1E-5	1.2E-8	-1.2E-8
629	0.026	-0.024	0.042	-0.042	-0.082	-0.096	5.2E-5	-1.4E-5	6.5E-5	-3.5E-5	1.2E-8	-1.2E-8
630	0.025	-0.024	0.028	-0.028	-0.084	-0.100	4.8E-5	-2.4E-5	1.4E-5	-3.3E-5	7.7E-9	-7.7E-9
631	0.025	-0.024	0.027	-0.027	-0.085	-0.099	5.4E-5	-1.7E-5	4.3E-5	-3.7E-5	5.7E-0	-5.7E-0
632	0.025	-0.024	0.023	-0.023	-0.086	-0.100	4.3E-5	-1.6E-5	3.3E-5	-4.3E-5	1.3E-9	-1.3E-9
633	0.025	-0.024	0.023	-0.023	-0.085	-0.100	4.1E-5	-2.0E-5	9.2E-6	-3.6E-5	1.5E-8	-1.5E-8
634	0.032	-0.030	0.129	-0.129	-0.074	-0.104	8.4E-5	-1.8E-4	1.0E-4	-4.3E-5	1.4E-8	-1.4E-8
635	0.032	-0.031	0.130	-0.130	-0.068	-0.107	9.5E-5	-2.0E-4	1.0E-4	-6.1E-5	2.0E-8	-2.0E-8
636	0.032	-0.031	0.132	-0.132	-0.062	-0.112	1.0E-4	-2.2E-4	7.4E-5	-7.0E-5	2.0E-8	-2.0E-8
637	0.033	-0.032	0.133	-0.133	-0.058	-0.118	9.8E-5	-2.4E-4	3.3E-5	-5.7E-5	2.0E-8	-2.0E-8
638	0.029	-0.028	0.095	-0.095	-0.080	-0.091	6.2E-5	-2.0E-5	5.7E-5	-6.7E-5	3.3E-9	-3.3E-9
639	0.030	-0.029	0.104	-0.104	-0.078	-0.090	7.3E-5	-4.7E-5	6.4E-5	-6.1E-5	2.1E-8	-2.1E-8
640	0.030	-0.029	0.112	-0.112	-0.075	-0.092	8.0E-5	-8.8E-5	7.7E-5	-5.6E-5	2.2E-8	-2.2E-8
641	0.031	-0.030	0.121	-0.121	-0.072	-0.098	8.7E-5	-1.4E-4	9.1E-5	-5.6E-5	1.4E-8	-1.4E-8
642	0.030	-0.029	0.110	-0.109	-0.078	-0.092	6.0E-5	-7.7E-5	6.5E-5	-3.3E-5	3.0E-9	-3.0E-9
643	0.029	-0.028	0.094	-0.094	-0.076	-0.095	4.9E-5	-2.6E-5	4.4E-5	-4.1E-5	2.0E-8	-2.0E-8
644	0.029	-0.028	0.102	-0.102	-0.077	-0.093	5.7E-5	-4.6E-5	5.2E-5	-3.6E-5	4.5E-9	-4.5E-9
645	0.029	-0.028	0.095	-0.095	-0.075	-0.096	4.4E-5	-3.0E-5	2.7E-5	-2.4E-5	2.7E-9	-2.7E-9
646	0.050	-0.048	0.116	-0.116	-0.084	-0.095	3.7E-5	-1.0E-4	5.4E-5	5.0E-6	2.4E-8	-2.4E-8
647	0.050	-0.048	0.106	-0.105	-0.081	-0.093	3.3E-5	-8.5E-5	6.0E-5	-1.4E-6	8.5E-0	-8.5E-0
648	0.049	-0.048	0.095	-0.095	-0.077	-0.093	2.2E-5	-7.2E-5	5.6E-5	-1.2E-5	1.4E-8	-1.4E-8
649	0.033	-0.032	0.160	-0.160	-0.072	-0.143	6.0E-5	-2.8E-4	8.9E-5	-1.1E-4	4.3E-9	-4.3E-9
650	0.033	-0.032	0.149	-0.148	-0.076	-0.124	6.4E-5	-2.4E-4	6.5E-5	-8.3E-5	1.6E-8	-1.6E-8
651	0.032	-0.031	0.138	-0.138	-0.078	-0.110	6.3E-5	-1.8E-4	4.4E-5	-5.5E-5	6.8E-9	-6.8E-9
652	0.061	-0.060	0.159	-0.159	-0.080	-0.137	1.8E-5	-2.0E-4	7.2E-5	-3.1E-5	1.3E-8	-1.3E-8
653	0.050	-0.049	0.159	-0.159	-0.078	-0.136	2.0E-5	-2.2E-4	8.0E-5	-5.1E-5	2.4E-9	-2.4E-9
654	0.040	-0.038	0.159	-0.159	-0.076	-0.137	3.7E-5	-2.5E-4	8.3E-5	-8.4E-5	8.9E-9	-8.9E-9
655	0.039	-0.038	0.148	-0.148	-0.078	-0.121	4.3E-5	-2.1E-4	6.2E-5	-5.6E-5	1.1E-8	-1.1E-8
656	0.039	-0.038	0.137	-0.137	-0.080	-0.109	4.6E-5	-1.6E-4	4.5E-5	-3.2E-5	4.8E-9	-4.8E-9
657	0.061	-0.060	0.148	-0.148	-0.082	-0.124	2.5E-5	-1.7E-4	6.5E-5	-6.1E-6	1.8E-8	-1.8E-8
658	0.050	-0.049	0.148	-0.148	-0.080	-0.121	2.8E-5	-1.8E-4	6.6E-5	-2.4E-5	2.2E-8	-2.2E-8
659	0.050	-0.049	0.137	-0.137	-0.081	-0.109	3.4E-5	-1.4E-4	5.3E-5	-4.4E-6	6.7E-9	-6.7E-9
660	0.061	-0.060	0.137	-0.137	-0.084	-0.113	3.5E-5	-1.4E-4	6.4E-5	1.0E-5	1.8E-8	-1.8E-8
661	0.044	-0.044	0.160	-0.160	-0.060	-0.174	2.8E-5	-4.4E-4	1.7E-4	-2.2E-4	2.2E-8	-2.2E-8
662	0.057	-0.056	0.160	-0.160	-0.080	-0.158	6.0E-6	-4.5E-4	2.3E-4	-2.7E-4	9.6E-9	-9.6E-9
663	0.069	-0.069	0.160	-0.160	-0.089	-0.153	-9.0E-6	-4.4E-4	2.5E-4	-3.0E-4	1.6E-8	-1.6E-8
664	0.045	-0.044	0.147	-0.147	-0.060	-0.141	2.4E-5	-3.3E-4	1.2E-4	-1.4E-4	1.2E-8	-1.2E-8
665	0.057	-0.056	0.147	-0.147	-0.075	-0.129	-6.4E-6	-3.2E-4	1.6E-4	-1.9E-4	4.9E-9	-4.9E-9
666	0.069	-0.069	0.147	-0.147	-0.087	-0.120	-2.2E-5	-3.2E-4	1.8E-4	-2.2E-4	2.0E-8	-2.0E-8
667	0.045	-0.044	0.134	-0.134	-0.063	-0.118	4.6E-5	-2.3E-4	7.5E-5	-7.8E-5	1.6E-8	-1.6E-8
668	0.057	-0.056	0.134	-0.134	-0.072	-0.109	1.1E-5	-2.0E-4	1.1E-4	-1.2E-4	5.9E-9	-5.9E-9
669	0.069	-0.068	0.134	-0.134	-0.083	-0.100	-5.2E-6	-2.0E-4	1.2E-4	-1.5E-4	2.0E-8	-2.0E-8
670	0.045	-0.044	0.122	-0.122	-0.067	-0.103	6.7E-5	-1.3E-4	4.7E-5	-4.1E-5	2.2E-8	-2.2E-8
671	0.057	-0.056	0.122	-0.122	-0.071	-0.099	3.5E-5	-1.0E-4	6.5E-5	-7.3E-5	8.0E-9	-8.0E-9
672	0.069	-0.069	0.122	-0.122	-0.078	-0.094	2.2E-5	-9.4E-5	8.2E-5	-1.0E-4	1.7E-9	-1.7E-9
673	0.069	-0.069	0.110	-0.110	-0.076	-0.094	4.5E-5	-1.9E-5	5.4E-5	-6.9E-5	2.1E-8	-2.1E-8
674	0.070	-0.069	0.098	-0.098	-0.077	-0.098	5.1E-5	1.2E-5	3.8E-5	-5.1E-5	2.0E-8	-2.0E-8
675	0.045	-0.044	0.110	-0.110	-0.070	-0.099	7.9E-5	-4.9E-5	3.1E-5	-2.2E-5	3.6E-9	-3.6E-9
676	0.057	-0.056	0.110	-0.110	-0.072	-0.097	5.9E-5	-3.1E-5	4.0E-5	-4.4E-5	1.2E-8	-1.2E-8
677	0.057	-0.057	0.098	-0.098	-0.075	-0.099	6.1E-5	2.4E-6	2.4E-5	-2.7E-5	8.6E-9	-8.6E-9
678	0.045	-0.044	0.098	-0.098	-0.075	-0.099	7.1E-5	-8.4E-6	2.5E-5	-1.4E-5	1.8E-8	-1.8E-8
679	0.095	-0.095	0.159	-0.159	-0.067	-0.181	3.4E-5	-5.2E-4	2.7E-4	-2.9E-4	2.0E-8	-2.0E-8
680	0.109	-0.109	0.159	-0.159	-0.041	-0.210	8.4E-5	-5.9E-4	2.6E-4	-3.1E-4	2.3E-9	-2.3E-9
681	0.123	-0.123	0.159	-0.159	-0.015	-0.242	1.6E-4	-6.5E-4	2.7E-4	-3.5E-4	4.7E-9	-4.7E-9
682	0.137	-0.137	0.159	-0.159	0.011	-0.278	2.3E-4	-6.9E-4	2.7E-4	-3.9E-4	4.9E-9	-4.9E-9
683	0.095	-0.095	0.147	-0.147	-0.068	-0.142	1.8E-5	-3.9E-4	2.1E-4	-2.1E-4	1.8E-8	-1.8E-8
684	0.109	-0.108	0.146	-0.147	-0.048	-0.164	8.2E-5	-4.6E-4	2.0E-4	-2.5E-4	8.8E-9	-8.8E-9
685	0.123	-0.122	0.146	-0.146	-0.028	-0.191	1.5E-4	-5.2E-4	2.0E-4	-3.1E-4	1.5E-8	-1.5E-8
686	0.137	-0.137	0.146	-0.147	-0.008	-0.224	2.2E-4	-5.6E-4	2.1E-4	-3.7E-4	8.0E-9	-8.0E-9

687	0.095	-0.094	0.134	-0.134	-0.070	-0.114	3.7E-5	-2.6E-4	1.6E-4	-1.5E-4	1.8E-8	-1.8E-8
688	0.109	-0.108	0.134	-0.134	-0.055	-0.130	8.7E-5	-3.2E-4	1.5E-4	-1.9E-4	1.8E-8	-1.8E-8
689	0.123	-0.122	0.134	-0.134	-0.040	-0.153	1.4E-4	-3.7E-4	1.5E-4	-2.7E-4	5.0E-0	-5.0E-0
690	0.137	-0.136	0.134	-0.134	-0.026	-0.183	2.0E-4	-4.0E-4	1.5E-4	-3.4E-4	1.6E-8	-1.6E-8
691	0.137	-0.136	0.122	-0.122	-0.040	-0.157	1.8E-4	-2.6E-4	1.1E-4	-3.2E-4	1.2E-8	-1.2E-8
692	0.137	-0.137	0.110	-0.110	-0.051	-0.144	1.6E-4	-1.4E-4	7.1E-5	-2.9E-4	1.9E-8	-1.9E-8
693	0.137	-0.137	0.098	-0.099	-0.061	-0.138	1.3E-4	-7.4E-5	4.7E-5	-2.8E-4	1.5E-8	-1.5E-8
694	0.095	-0.094	0.122	-0.122	-0.072	-0.099	5.7E-5	-1.4E-4	1.2E-4	-1.1E-4	9.4E-9	-9.4E-9
695	0.109	-0.108	0.122	-0.122	-0.060	-0.111	9.3E-5	-1.8E-4	1.2E-4	-1.6E-4	1.0E-8	-1.0E-8
696	0.123	-0.122	0.122	-0.122	-0.049	-0.130	1.3E-4	-2.2E-4	1.1E-4	-2.4E-4	9.8E-0	-9.8E-0
697	0.123	-0.122	0.110	-0.110	-0.058	-0.119	1.2E-4	-1.1E-4	7.6E-5	-2.1E-4	1.2E-8	-1.2E-8
698	0.123	-0.123	0.098	-0.098	-0.066	-0.115	1.0E-4	-4.8E-5	5.4E-5	-2.0E-4	1.2E-8	-1.2E-8
699	0.095	-0.095	0.110	-0.110	-0.075	-0.093	6.9E-5	-5.4E-5	1.0E-4	-7.8E-5	2.3E-9	-2.3E-9
700	0.109	-0.108	0.110	-0.110	-0.066	-0.103	9.2E-5	-8.1E-5	9.0E-5	-1.3E-4	1.6E-8	-1.6E-8
701	0.109	-0.109	0.098	-0.098	-0.072	-0.100	7.8E-5	-2.6E-5	7.3E-5	-1.1E-4	8.6E-9	-8.6E-9
702	0.095	-0.095	0.098	-0.098	-0.077	-0.095	6.2E-5	-7.2E-6	8.9E-5	-6.0E-5	1.6E-8	-1.6E-8
703	0.046	-0.045	0.076	-0.076	-0.078	-0.099	1.4E-6	-4.1E-5	3.4E-5	-1.9E-5	3.6E-9	-3.6E-9
704	0.058	-0.057	0.075	-0.075	-0.076	-0.099	-3.1E-6	-4.0E-5	1.5E-5	-1.6E-5	1.8E-8	-1.8E-8
705	0.070	-0.069	0.075	-0.075	-0.077	-0.099	-8.6E-6	-3.7E-5	2.5E-5	-3.6E-5	1.9E-8	-1.9E-8
706	0.046	-0.045	0.064	-0.064	-0.076	-0.097	4.3E-6	-4.0E-5	3.8E-5	-2.0E-5	6.8E-9	-6.8E-9
707	0.058	-0.057	0.064	-0.064	-0.075	-0.097	3.3E-6	-4.2E-5	1.5E-5	-1.4E-5	7.7E-9	-7.7E-9
708	0.070	-0.069	0.064	-0.064	-0.075	-0.097	4.4E-6	-4.3E-5	2.2E-5	-3.2E-5	1.2E-8	-1.2E-8
709	0.046	-0.045	0.053	-0.053	-0.075	-0.096	2.7E-5	-2.4E-5	4.0E-5	-2.0E-5	1.3E-8	-1.3E-8
710	0.058	-0.057	0.053	-0.053	-0.074	-0.096	2.9E-5	-2.5E-5	1.7E-5	-1.5E-5	7.8E-9	-7.8E-9
711	0.070	-0.069	0.053	-0.053	-0.074	-0.096	3.2E-5	-2.6E-5	2.1E-5	-3.3E-5	2.2E-8	-2.2E-8
712	0.046	-0.045	0.042	-0.042	-0.076	-0.098	5.7E-5	-4.9E-6	4.1E-5	-2.2E-5	1.2E-9	-1.2E-9
713	0.058	-0.057	0.042	-0.042	-0.074	-0.098	5.7E-5	-1.3E-6	1.8E-5	-2.0E-5	2.0E-8	-2.0E-8
714	0.070	-0.069	0.042	-0.042	-0.075	-0.098	6.0E-5	1.7E-6	2.1E-5	-3.9E-5	6.8E-9	-6.8E-9
715	0.071	-0.070	0.031	-0.031	-0.078	-0.103	7.7E-5	2.3E-5	2.4E-5	-5.0E-5	1.3E-8	-1.3E-8
716	0.071	-0.070	0.028	-0.028	-0.080	-0.110	6.9E-5	2.3E-5	2.6E-5	-6.0E-5	1.2E-8	-1.2E-8
717	0.046	-0.045	0.031	-0.031	-0.077	-0.103	7.7E-5	1.1E-5	4.1E-5	-2.5E-5	1.8E-8	-1.8E-8
718	0.058	-0.057	0.031	-0.031	-0.076	-0.103	7.7E-5	1.5E-5	1.8E-5	-2.5E-5	7.8E-9	-7.8E-9
719	0.059	-0.057	0.027	-0.027	-0.078	-0.110	6.9E-5	1.7E-5	1.7E-5	-2.8E-5	1.9E-8	-1.9E-8
720	0.046	-0.045	0.026	-0.026	-0.078	-0.109	6.7E-5	1.5E-5	4.1E-5	-2.7E-5	1.2E-8	-1.2E-8
721	0.069	-0.068	0.058	-0.058	-0.086	-0.121	7.6E-5	5.6E-5	5.8E-5	-5.1E-5	1.7E-9	-1.7E-9
722	0.046	-0.045	0.057	-0.057	-0.081	-0.125	8.5E-5	4.5E-5	1.4E-5	-3.4E-5	5.2E-9	-5.2E-9
723	0.031	-0.030	0.075	-0.075	-0.085	-0.107	3.8E-5	-2.5E-5	1.2E-5	-5.8E-5	1.4E-8	-1.4E-8
724	0.031	-0.030	0.076	-0.076	-0.085	-0.113	3.8E-5	-3.2E-5	3.4E-5	-9.5E-5	3.1E-9	-3.1E-9
725	0.031	-0.030	0.077	-0.077	-0.084	-0.121	3.4E-5	-3.4E-5	1.9E-5	-1.1E-4	1.4E-8	-1.4E-8
726	0.033	-0.032	0.088	-0.088	-0.086	-0.118	4.7E-5	-4.7E-5	2.3E-5	-1.1E-4	8.3E-9	-8.3E-9
727	0.035	-0.034	0.099	-0.099	-0.090	-0.115	7.0E-5	-4.8E-5	2.3E-5	-1.1E-4	1.4E-8	-1.4E-8
728	0.033	-0.031	0.085	-0.085	-0.088	-0.106	6.1E-5	-4.0E-5	1.0E-5	-5.2E-5	6.5E-9	-6.5E-9
729	0.033	-0.031	0.086	-0.086	-0.088	-0.110	5.4E-5	-4.6E-5	4.1E-5	-9.2E-5	4.9E-9	-4.9E-9
730	0.035	-0.034	0.097	-0.097	-0.091	-0.108	6.3E-5	-4.7E-5	4.8E-5	-9.3E-5	2.0E-8	-2.0E-8
731	0.035	-0.033	0.096	-0.096	-0.087	-0.109	7.3E-5	-4.5E-5	2.1E-5	-4.4E-5	9.3E-9	-9.3E-9
732	0.038	-0.037	0.116	-0.116	-0.085	-0.112	5.7E-5	-6.1E-5	-3.8E-7	-3.4E-5	6.6E-9	-6.6E-9
733	0.040	-0.039	0.125	-0.125	-0.086	-0.111	7.1E-5	-6.9E-5	1.3E-5	-7.5E-5	1.0E-8	-1.0E-8
734	0.042	-0.040	0.134	-0.134	-0.084	-0.113	9.1E-5	-6.1E-5	4.0E-5	-1.2E-4	1.9E-8	-1.9E-8
735	0.043	-0.042	0.144	-0.144	-0.081	-0.119	1.0E-4	-5.2E-5	7.1E-5	-1.5E-4	8.5E-9	-8.5E-9
736	0.043	-0.042	0.146	-0.146	-0.082	-0.141	1.8E-4	-7.8E-5	-2.4E-5	-1.7E-4	8.3E-9	-8.3E-9
737	0.044	-0.042	0.145	-0.145	-0.084	-0.151	2.3E-4	-8.7E-5	-1.7E-5	-1.5E-4	1.8E-8	-1.8E-8
738	0.040	-0.039	0.128	-0.128	-0.090	-0.121	1.4E-4	-7.1E-5	-1.6E-5	-1.1E-4	1.1E-8	-1.1E-8
739	0.084	-0.083	0.096	-0.096	-0.078	-0.096	1.7E-5	-8.6E-5	-7.5E-5	-1.1E-4	1.7E-8	-1.7E-8
740	0.096	-0.095	0.097	-0.097	-0.070	-0.084	-7.9E-6	-9.2E-5	-1.1E-4	-1.4E-4	6.3E-9	-6.3E-9
741	0.109	-0.108	0.099	-0.099	-0.060	-0.073	-2.5E-5	-1.0E-4	-9.9E-5	-1.3E-4	3.7E-9	-3.7E-9
742	0.122	-0.120	0.100	-0.100	-0.051	-0.064	-3.6E-5	-1.2E-4	-7.4E-5	-1.1E-4	3.0E-9	-3.0E-9
743	0.135	-0.133	0.101	-0.101	-0.045	-0.058	-4.9E-5	-1.4E-4	-5.4E-5	-9.4E-5	1.3E-8	-1.3E-8
744	0.084	-0.083	0.106	-0.106	-0.083	-0.096	2.9E-5	-9.8E-5	-5.9E-5	-9.6E-5	8.1E-9	-8.1E-9
745	0.096	-0.095	0.108	-0.108	-0.074	-0.088	9.0E-6	-1.1E-4	-9.9E-5	-1.2E-4	1.6E-8	-1.6E-8
746	0.109	-0.108	0.110	-0.110	-0.065	-0.079	-1.4E-5	-1.3E-4	-8.3E-5	-1.2E-4	2.0E-8	-2.0E-8
747	0.122	-0.120	0.112	-0.112	-0.057	-0.074	-3.7E-5	-1.6E-4	-4.5E-5	-9.6E-5	2.6E-9	-2.6E-9
748	0.135	-0.133	0.113	-0.114	-0.050	-0.073	-6.0E-5	-2.1E-4	-1.5E-5	-8.0E-5	8.5E-9	-8.5E-9
749	0.084	-0.083	0.159	-0.159	-0.079	-0.140	2.4E-5	-2.2E-4	3.0E-5	-5.8E-5	2.0E-8	-2.0E-8
750	0.084	-0.083	0.148	-0.148	-0.081	-0.126	3.0E-5	-1.8E-4	3.7E-6	-6.2E-5	1.9E-9	-1.9E-9
751	0.084	-0.083	0.137	-0.137	-0.083	-0.115	3.5E-5	-1.5E-4	-2.3E-5	-7.2E-5	8.1E-9	-8.1E-9
752	0.084	-0.083	0.127	-0.127	-0.085	-0.106	3.4E-5	-1.3E-4	-5.1E-5	-9.2E-5	1.8E-8	-1.8E-8
753	0.084	-0.083	0.117	-0.117	-0.085	-0.099	3.0E-5	-1.2E-4	-5.1E-5	-9.3E-5	2.3E-8	-2.3E-8
754	0.096	-0.095	0.119	-0.119	-0.077	-0.093	1.4E-5	-1.3E-4	-7.9E-5	-1.1E-4	9.3E-9	-9.3E-9
755	0.109	-0.108	0.121	-0.121	-0.068	-0.089	-1.1E-5	-1.7E-4	-4.6E-5	-9.8E-5	1.1E-8	-1.1E-8
756	0.122	-0.120	0.123	-0.124	-0.062	-0.089	-4.0E-5	-2.2E-4	5.6E-6	-7.6E-5	1.5E-8	-1.5E-8
757	0.135	-0.133	0.126	-0.126	-0.057	-0.096	-7.1E-5	-3.0E-4	4.8E-5	-5.9E-5	1.7E-8	-1.7E-8
758	0.097	-0.095	0.159	-0.159	-0.076	-0.143	2.0E-5	-2.5E-4	6.6E-5	-5.8E-5	6.6E-9	-6.6E-9

759	0.097	-0.095	0.149	-0.149	-0.077	-0.127	1.7E-5	-2.2E-4	2.9E-5	-6.7E-5	3.1E-9	-3.1E-9
760	0.097	-0.095	0.139	-0.139	-0.077	-0.113	1.7E-5	-1.9E-4	-1.3E-5	-8.1E-5	1.4E-8	-1.4E-8
761	0.096	-0.095	0.129	-0.129	-0.078	-0.101	1.6E-5	-1.6E-4	-5.0E-5	-9.6E-5	2.2E-8	-2.2E-8
762	0.109	-0.108	0.131	-0.131	-0.071	-0.100	-9.9E-6	-2.1E-4	-6.7E-7	-7.9E-5	1.4E-8	-1.4E-8
763	0.122	-0.120	0.135	-0.135	-0.067	-0.108	-3.8E-5	-2.9E-4	7.1E-5	-5.5E-5	1.2E-8	-1.2E-8
764	0.135	-0.133	0.138	-0.139	-0.065	-0.125	-7.1E-5	-3.9E-4	1.3E-4	-3.3E-5	1.8E-8	-1.8E-8
765	0.109	-0.107	0.160	-0.160	-0.073	-0.152	1.8E-5	-3.0E-4	1.4E-4	-4.4E-5	1.6E-8	-1.6E-8
766	0.109	-0.108	0.151	-0.151	-0.073	-0.134	2.8E-6	-2.8E-4	9.9E-5	-5.0E-5	1.2E-8	-1.2E-8
767	0.109	-0.108	0.142	-0.142	-0.072	-0.116	-5.5E-6	-2.5E-4	5.1E-5	-6.3E-5	1.6E-8	-1.6E-8
768	0.122	-0.120	0.145	-0.145	-0.070	-0.130	-2.7E-5	-3.3E-4	1.4E-4	-3.5E-5	1.2E-8	-1.2E-8
769	0.135	-0.133	0.150	-0.151	-0.071	-0.158	-3.7E-5	-4.3E-4	2.2E-4	-1.3E-5	1.5E-8	-1.5E-8
770	0.120	-0.119	0.162	-0.162	-0.071	-0.169	2.8E-5	-3.4E-4	2.2E-4	-2.3E-5	9.6E-9	-9.6E-9
771	0.122	-0.120	0.155	-0.155	-0.071	-0.153	6.9E-7	-3.5E-4	1.9E-4	-2.4E-5	1.6E-8	-1.6E-8
772	0.134	-0.132	0.160	-0.160	-0.073	-0.187	-1.8E-6	-4.5E-4	3.0E-4	6.2E-6	6.1E-9	-6.1E-9
773	0.130	-0.128	0.164	-0.164	-0.071	-0.190	4.8E-5	-3.8E-4	2.8E-4	-9.4E-6	5.8E-0	-5.8E-0
774	0.028	-0.026	0.044	-0.044	-0.074	-0.092	1.4E-5	-1.1E-5	-1.0E-4	-1.4E-4	1.2E-8	-1.2E-8
775	0.039	-0.038	0.044	-0.044	-0.063	-0.078	9.2E-6	-1.1E-5	-1.2E-4	-1.6E-4	2.8E-9	-2.8E-9
776	0.052	-0.051	0.043	-0.043	-0.053	-0.063	6.5E-6	-1.0E-5	-1.0E-4	-1.5E-4	1.3E-8	-1.3E-8
777	0.065	-0.064	0.043	-0.043	-0.044	-0.051	4.6E-6	-9.2E-6	-7.5E-5	-1.1E-4	6.5E-9	-6.5E-9
778	0.078	-0.077	0.043	-0.042	-0.039	-0.043	2.8E-6	-8.1E-6	-4.9E-5	-7.9E-5	1.9E-8	-1.9E-8
779	0.091	-0.090	0.042	-0.042	-0.035	-0.037	8.8E-7	-6.6E-6	-2.8E-5	-5.1E-5	2.8E-9	-2.8E-9
780	0.105	-0.104	0.042	-0.042	-0.032	-0.034	-1.2E-7	-5.4E-6	-1.3E-5	-3.2E-5	4.8E-0	-4.8E-0
781	0.119	-0.117	0.042	-0.042	-0.030	-0.033	2.4E-7	-4.9E-6	-5.1E-6	-2.2E-5	7.7E-9	-7.7E-9
782	0.133	-0.131	0.042	-0.042	-0.028	-0.032	2.7E-6	-5.6E-6	-1.8E-6	-1.9E-5	2.0E-8	-2.0E-8
783	0.027	-0.026	0.035	-0.035	-0.074	-0.092	1.0E-5	-1.6E-5	-1.0E-4	-1.4E-4	1.7E-9	-1.7E-9
784	0.040	-0.038	0.034	-0.034	-0.063	-0.078	8.8E-6	-1.3E-5	-1.2E-4	-1.6E-4	7.0E-9	-7.0E-9
785	0.052	-0.051	0.033	-0.033	-0.053	-0.063	6.5E-6	-1.1E-5	-1.0E-4	-1.4E-4	1.5E-8	-1.5E-8
786	0.065	-0.064	0.033	-0.033	-0.045	-0.051	3.4E-6	-8.8E-6	-7.5E-5	-1.1E-4	1.9E-8	-1.9E-8
787	0.078	-0.077	0.032	-0.032	-0.039	-0.043	1.2E-6	-6.6E-6	-5.0E-5	-7.8E-5	1.9E-8	-1.9E-8
788	0.092	-0.090	0.032	-0.032	-0.035	-0.038	1.6E-7	-5.2E-6	-2.9E-5	-5.0E-5	1.7E-8	-1.7E-8
789	0.105	-0.104	0.031	-0.031	-0.032	-0.035	6.0E-7	-4.5E-6	-1.5E-5	-3.2E-5	9.4E-0	-9.4E-0
790	0.119	-0.118	0.031	-0.031	-0.030	-0.033	2.1E-6	-4.0E-6	-7.1E-6	-2.2E-5	1.6E-8	-1.6E-8
791	0.133	-0.132	0.031	-0.031	-0.029	-0.032	4.9E-6	-3.8E-6	-4.4E-6	-1.9E-5	9.8E-9	-9.8E-9
792	0.027	-0.026	0.025	-0.025	-0.075	-0.092	1.4E-5	-1.6E-5	-1.1E-4	-1.4E-4	1.3E-8	-1.3E-8
793	0.040	-0.038	0.024	-0.024	-0.064	-0.077	1.0E-5	-1.4E-5	-1.2E-4	-1.6E-4	1.8E-8	-1.8E-8
794	0.053	-0.051	0.025	-0.025	-0.053	-0.063	6.7E-6	-1.2E-5	-1.0E-4	-1.4E-4	1.3E-9	-1.3E-9
795	0.066	-0.064	0.025	-0.025	-0.045	-0.051	3.5E-6	-9.3E-6	-7.6E-5	-1.1E-4	6.6E-9	-6.6E-9
796	0.079	-0.077	0.026	-0.026	-0.039	-0.043	1.2E-6	-6.8E-6	-5.0E-5	-7.7E-5	5.7E-9	-5.7E-9
797	0.092	-0.091	0.027	-0.027	-0.035	-0.038	7.5E-7	-5.6E-6	-3.0E-5	-5.0E-5	4.8E-9	-4.8E-9
798	0.105	-0.104	0.027	-0.027	-0.033	-0.035	1.4E-6	-4.3E-6	-1.6E-5	-3.2E-5	5.6E-9	-5.6E-9
799	0.119	-0.118	0.028	-0.028	-0.031	-0.033	3.0E-6	-2.9E-6	-9.3E-6	-2.3E-5	1.1E-8	-1.1E-8
800	0.133	-0.132	0.030	-0.030	-0.029	-0.032	6.2E-6	-1.5E-6	-7.1E-6	-2.0E-5	6.4E-9	-6.4E-9
801	0.027	-0.026	0.024	-0.024	-0.075	-0.091	1.8E-5	-1.6E-5	-1.0E-4	-1.3E-4	1.3E-8	-1.3E-8
802	0.040	-0.039	0.024	-0.024	-0.064	-0.077	1.2E-5	-1.6E-5	-1.2E-4	-1.6E-4	1.4E-8	-1.4E-8
803	0.053	-0.051	0.025	-0.025	-0.054	-0.063	6.7E-6	-1.4E-5	-1.0E-4	-1.4E-4	2.9E-9	-2.9E-9
804	0.066	-0.064	0.026	-0.025	-0.045	-0.051	3.5E-6	-1.1E-5	-7.7E-5	-1.1E-4	1.5E-8	-1.5E-8
805	0.079	-0.078	0.026	-0.026	-0.039	-0.043	8.2E-7	-8.5E-6	-5.1E-5	-7.6E-5	1.5E-8	-1.5E-8
806	0.092	-0.091	0.027	-0.027	-0.036	-0.038	3.1E-7	-7.1E-6	-3.1E-5	-5.0E-5	2.0E-9	-2.0E-9
807	0.106	-0.104	0.027	-0.027	-0.033	-0.035	9.7E-7	-5.3E-6	-1.8E-5	-3.3E-5	1.6E-8	-1.6E-8
808	0.119	-0.118	0.028	-0.028	-0.031	-0.033	2.8E-6	-2.8E-6	-1.2E-5	-2.4E-5	1.2E-1	-1.2E-1
809	0.133	-0.132	0.030	-0.030	-0.029	-0.031	6.4E-6	1.6E-7	-1.0E-5	-2.2E-5	2.6E-9	-2.6E-9
810	0.027	-0.026	0.076	-0.076	-0.072	-0.096	7.7E-6	-2.0E-5	-1.1E-5	-5.3E-5	2.2E-9	-2.2E-9
811	0.027	-0.026	0.067	-0.067	-0.072	-0.096	1.8E-5	-2.0E-5	-2.6E-5	-7.1E-5	6.7E-9	-6.7E-9
812	0.026	-0.025	0.057	-0.057	-0.073	-0.095	2.4E-5	-2.1E-5	-4.4E-5	-9.2E-5	2.0E-8	-2.0E-8
813	0.026	-0.025	0.048	-0.048	-0.074	-0.094	2.5E-5	-2.6E-5	-6.8E-5	-1.1E-4	2.2E-8	-2.2E-8
814	0.026	-0.025	0.039	-0.039	-0.075	-0.093	2.3E-5	-2.8E-5	-7.5E-5	-1.2E-4	4.4E-9	-4.4E-9
815	0.027	-0.025	0.030	-0.030	-0.076	-0.092	2.8E-5	-2.7E-5	-8.5E-5	-1.2E-4	1.4E-8	-1.4E-8
816	0.027	-0.026	0.024	-0.024	-0.077	-0.091	2.9E-5	-2.3E-5	-9.7E-5	-1.3E-4	4.4E-9	-4.4E-9
817	0.027	-0.026	0.024	-0.024	-0.077	-0.091	2.2E-5	-2.3E-5	-1.1E-4	-1.4E-4	6.6E-9	-6.6E-9
818	0.027	-0.026	0.024	-0.024	-0.077	-0.091	1.3E-5	-2.4E-5	-1.0E-4	-1.3E-4	3.0E-9	-3.0E-9
819	0.027	-0.026	0.024	-0.024	-0.076	-0.091	1.4E-5	-2.1E-5	-1.0E-4	-1.3E-4	5.7E-9	-5.7E-9
820	0.040	-0.039	0.024	-0.024	-0.065	-0.077	1.1E-5	-1.8E-5	-1.2E-4	-1.5E-4	4.8E-9	-4.8E-9
821	0.053	-0.051	0.025	-0.025	-0.054	-0.063	6.9E-6	-1.6E-5	-1.0E-4	-1.4E-4	1.8E-8	-1.8E-8
822	0.066	-0.064	0.026	-0.025	-0.046	-0.052	2.5E-6	-1.4E-5	-7.7E-5	-1.1E-4	1.3E-8	-1.3E-8
823	0.079	-0.078	0.026	-0.026	-0.040	-0.044	-4.3E-7	-1.3E-5	-5.2E-5	-7.5E-5	1.7E-9	-1.7E-9
824	0.092	-0.091	0.027	-0.027	-0.036	-0.038	-9.0E-7	-1.2E-5	-3.3E-5	-5.0E-5	1.8E-8	-1.8E-8
825	0.106	-0.104	0.027	-0.027	-0.033	-0.035	3.0E-8	-9.7E-6	-2.1E-5	-3.4E-5	4.7E-9	-4.7E-9
826	0.120	-0.118	0.028	-0.028	-0.031	-0.033	2.1E-6	-5.9E-6	-1.5E-5	-2.8E-5	1.5E-8	-1.5E-8
827	0.134	-0.132	0.030	-0.030	-0.029	-0.031	5.6E-6	-4.5E-7	-1.4E-5	-2.7E-5	1.9E-8	-1.9E-8
828	0.038	-0.037	0.076	-0.076	-0.070	-0.093	-1.1E-5	-3.7E-5	2.3E-6	-5.5E-5	1.7E-8	-1.7E-8
829	0.038	-0.037	0.067	-0.067	-0.069	-0.090	-7.5E-6	-4.1E-5	-1.7E-5	-7.5E-5	1.5E-8	-1.5E-8
830	0.038	-0.037	0.058	-0.057	-0.068	-0.087	-1.4E-6	-4.4E-5	-4.3E-5	-9.6E-5	2.0E-8	-2.0E-8

831	0.038	-0.037	0.049	-0.048	-0.068	-0.085	2.8E-6	-4.3E-5	-6.7E-5	-1.1E-4	1.3E-8	-1.3E-8
832	0.039	-0.037	0.040	-0.039	-0.067	-0.082	6.8E-6	-3.8E-5	-8.7E-5	-1.3E-4	1.4E-8	-1.4E-8
833	0.039	-0.038	0.031	-0.030	-0.067	-0.080	1.1E-5	-3.2E-5	-1.0E-4	-1.4E-4	1.7E-8	-1.7E-8
834	0.039	-0.038	0.024	-0.024	-0.066	-0.079	1.5E-5	-2.7E-5	-1.1E-4	-1.4E-4	5.8E-9	-5.8E-9
835	0.040	-0.038	0.024	-0.024	-0.066	-0.078	1.4E-5	-2.3E-5	-1.2E-4	-1.5E-4	1.4E-8	-1.4E-8
836	0.040	-0.039	0.024	-0.024	-0.066	-0.077	1.2E-5	-2.1E-5	-1.2E-4	-1.5E-4	7.0E-9	-7.0E-9
837	0.053	-0.051	0.025	-0.025	-0.055	-0.064	6.5E-6	-1.9E-5	-1.0E-4	-1.4E-4	5.5E-9	-5.5E-9
838	0.066	-0.064	0.026	-0.025	-0.046	-0.053	2.1E-8	-1.9E-5	-7.7E-5	-1.1E-4	2.1E-8	-2.1E-8
839	0.079	-0.078	0.026	-0.026	-0.040	-0.044	-2.8E-6	-2.1E-5	-5.2E-5	-7.5E-5	1.1E-8	-1.1E-8
840	0.092	-0.091	0.027	-0.027	-0.036	-0.039	-3.6E-6	-2.1E-5	-3.4E-5	-5.2E-5	2.2E-9	-2.2E-9
841	0.106	-0.105	0.027	-0.027	-0.033	-0.036	-2.6E-6	-1.8E-5	-2.4E-5	-3.8E-5	6.1E-9	-6.1E-9
842	0.120	-0.118	0.028	-0.028	-0.031	-0.033	2.3E-7	-1.3E-5	-1.9E-5	-3.3E-5	1.3E-8	-1.3E-8
843	0.134	-0.132	0.031	-0.031	-0.029	-0.031	4.9E-6	-5.5E-6	-2.0E-5	-3.4E-5	8.0E-9	-8.0E-9
844	0.050	-0.048	0.076	-0.076	-0.069	-0.092	-3.4E-5	-5.4E-5	3.1E-5	-4.0E-5	7.8E-0	-7.8E-0
845	0.050	-0.048	0.067	-0.067	-0.066	-0.087	-3.9E-5	-7.0E-5	5.2E-6	-6.0E-5	2.0E-8	-2.0E-8
846	0.050	-0.049	0.058	-0.058	-0.063	-0.082	-3.0E-5	-7.6E-5	-2.6E-5	-8.2E-5	2.1E-8	-2.1E-8
847	0.051	-0.049	0.049	-0.049	-0.061	-0.077	-2.0E-5	-6.9E-5	-5.3E-5	-1.0E-4	1.3E-8	-1.3E-8
848	0.051	-0.050	0.040	-0.040	-0.059	-0.072	-1.1E-5	-5.6E-5	-7.3E-5	-1.1E-4	2.3E-8	-2.3E-8
849	0.051	-0.050	0.032	-0.032	-0.058	-0.069	-4.5E-6	-4.3E-5	-8.7E-5	-1.2E-4	1.1E-8	-1.1E-8
850	0.052	-0.051	0.025	-0.025	-0.057	-0.067	1.3E-7	-3.2E-5	-9.5E-5	-1.3E-4	6.5E-9	-6.5E-9
851	0.052	-0.051	0.025	-0.025	-0.056	-0.065	4.3E-6	-2.5E-5	-1.0E-4	-1.3E-4	2.0E-8	-2.0E-8
852	0.065	-0.064	0.026	-0.025	-0.047	-0.054	-3.3E-6	-2.9E-5	-7.5E-5	-1.0E-4	2.0E-8	-2.0E-8
853	0.079	-0.077	0.026	-0.026	-0.041	-0.046	-7.3E-6	-3.3E-5	-5.2E-5	-7.5E-5	7.4E-9	-7.4E-9
854	0.092	-0.091	0.027	-0.027	-0.037	-0.041	-8.7E-6	-3.4E-5	-3.6E-5	-5.4E-5	1.8E-8	-1.8E-8
855	0.106	-0.104	0.027	-0.027	-0.034	-0.037	-7.4E-6	-3.0E-5	-2.8E-5	-4.3E-5	4.3E-9	-4.3E-9
856	0.120	-0.118	0.028	-0.028	-0.031	-0.034	-3.7E-6	-2.4E-5	-2.5E-5	-4.1E-5	2.6E-9	-2.6E-9
857	0.134	-0.132	0.031	-0.031	-0.029	-0.031	2.4E-6	-1.4E-5	-2.6E-5	-4.4E-5	9.2E-9	-9.2E-9
858	0.061	-0.060	0.076	-0.076	-0.069	-0.094	-7.0E-5	-8.3E-5	5.4E-5	-2.4E-5	1.9E-8	-1.9E-8
859	0.062	-0.060	0.067	-0.067	-0.063	-0.087	-6.9E-5	-1.1E-4	1.1E-5	-5.1E-5	3.1E-9	-3.1E-9
860	0.062	-0.061	0.059	-0.059	-0.059	-0.079	-5.5E-5	-1.1E-4	-2.1E-5	-7.1E-5	1.2E-8	-1.2E-8
861	0.063	-0.062	0.050	-0.050	-0.055	-0.071	-4.0E-5	-9.5E-5	-4.3E-5	-8.3E-5	2.0E-8	-2.0E-8
862	0.064	-0.062	0.042	-0.042	-0.052	-0.065	-2.6E-5	-7.6E-5	-5.8E-5	-9.2E-5	3.4E-9	-3.4E-9
863	0.064	-0.063	0.033	-0.033	-0.050	-0.060	-1.6E-5	-5.8E-5	-6.7E-5	-9.8E-5	2.2E-8	-2.2E-8
864	0.065	-0.064	0.026	-0.025	-0.049	-0.056	-8.4E-6	-4.2E-5	-7.2E-5	-1.0E-4	1.4E-8	-1.4E-8
865	0.078	-0.077	0.027	-0.027	-0.042	-0.049	-1.4E-5	-4.9E-5	-5.2E-5	-7.5E-5	1.6E-8	-1.6E-8
866	0.092	-0.090	0.029	-0.029	-0.038	-0.045	-1.7E-5	-5.1E-5	-3.9E-5	-5.8E-5	1.7E-8	-1.7E-8
867	0.105	-0.104	0.032	-0.032	-0.035	-0.041	-1.5E-5	-4.6E-5	-3.3E-5	-5.2E-5	5.7E-9	-5.7E-9
868	0.119	-0.118	0.035	-0.035	-0.032	-0.037	-1.0E-5	-3.7E-5	-3.2E-5	-5.3E-5	1.0E-9	-1.0E-9
869	0.134	-0.132	0.038	-0.038	-0.029	-0.032	-2.5E-6	-2.4E-5	-3.4E-5	-5.7E-5	1.4E-8	-1.4E-8
870	0.073	-0.072	0.076	-0.076	-0.068	-0.096	-1.0E-4	-1.3E-4	-1.1E-5	-6.4E-5	2.4E-8	-2.4E-8
871	0.074	-0.073	0.068	-0.068	-0.061	-0.085	-9.3E-5	-1.4E-4	-2.1E-5	-6.7E-5	1.0E-8	-1.0E-8
872	0.075	-0.074	0.060	-0.060	-0.055	-0.076	-7.3E-5	-1.3E-4	-3.6E-5	-7.3E-5	7.5E-9	-7.5E-9
873	0.076	-0.074	0.052	-0.052	-0.050	-0.067	-5.4E-5	-1.1E-4	-4.4E-5	-7.5E-5	1.9E-8	-1.9E-8
874	0.077	-0.075	0.044	-0.044	-0.047	-0.060	-3.8E-5	-9.0E-5	-4.9E-5	-7.5E-5	5.0E-9	-5.0E-9
875	0.078	-0.076	0.035	-0.035	-0.044	-0.054	-2.5E-5	-6.9E-5	-5.1E-5	-7.5E-5	5.9E-9	-5.9E-9
876	0.091	-0.090	0.038	-0.038	-0.040	-0.049	-2.8E-5	-7.1E-5	-4.3E-5	-6.3E-5	1.0E-8	-1.0E-8
877	0.105	-0.104	0.042	-0.042	-0.037	-0.045	-2.6E-5	-6.4E-5	-4.0E-5	-6.4E-5	2.9E-9	-2.9E-9
878	0.119	-0.118	0.045	-0.045	-0.033	-0.041	-2.0E-5	-5.0E-5	-4.1E-5	-6.8E-5	8.5E-9	-8.5E-9
879	0.134	-0.132	0.049	-0.049	-0.030	-0.035	-1.0E-5	-3.4E-5	-4.4E-5	-7.2E-5	8.6E-0	-8.6E-0
880	0.086	-0.084	0.078	-0.078	-0.065	-0.089	-8.6E-5	-1.1E-4	-7.3E-5	-1.2E-4	1.7E-8	-1.7E-8
881	0.087	-0.085	0.070	-0.070	-0.057	-0.080	-9.4E-5	-1.3E-4	-6.6E-5	-1.1E-4	2.7E-9	-2.7E-9
882	0.088	-0.087	0.062	-0.062	-0.051	-0.071	-7.7E-5	-1.3E-4	-5.8E-5	-9.4E-5	9.3E-9	-9.3E-9
883	0.089	-0.088	0.054	-0.054	-0.046	-0.062	-5.9E-5	-1.1E-4	-5.2E-5	-8.2E-5	1.7E-8	-1.7E-8
884	0.090	-0.089	0.047	-0.047	-0.043	-0.055	-4.3E-5	-9.2E-5	-4.8E-5	-7.1E-5	5.0E-9	-5.0E-9
885	0.104	-0.103	0.050	-0.050	-0.039	-0.051	-3.9E-5	-7.9E-5	-4.9E-5	-7.9E-5	1.5E-8	-1.5E-8
886	0.119	-0.117	0.055	-0.055	-0.035	-0.045	-3.0E-5	-6.0E-5	-5.2E-5	-8.5E-5	8.9E-0	-8.9E-0
887	0.133	-0.132	0.060	-0.060	-0.031	-0.039	-2.1E-5	-4.2E-5	-5.5E-5	-8.8E-5	6.2E-9	-6.2E-9
888	0.098	-0.097	0.079	-0.079	-0.057	-0.077	-6.5E-5	-9.1E-5	-1.0E-4	-1.5E-4	1.5E-8	-1.5E-8
889	0.100	-0.099	0.072	-0.072	-0.052	-0.070	-7.0E-5	-9.5E-5	-8.5E-5	-1.4E-4	1.1E-8	-1.1E-8
890	0.102	-0.100	0.065	-0.065	-0.047	-0.064	-6.5E-5	-9.6E-5	-7.2E-5	-1.2E-4	2.9E-9	-2.9E-9
891	0.103	-0.102	0.058	-0.058	-0.043	-0.057	-5.3E-5	-9.1E-5	-6.0E-5	-9.8E-5	8.6E-9	-8.6E-9
892	0.118	-0.116	0.063	-0.063	-0.038	-0.050	-4.0E-5	-6.5E-5	-6.4E-5	-1.0E-4	1.6E-8	-1.6E-8
893	0.133	-0.131	0.070	-0.070	-0.033	-0.042	-2.9E-5	-5.2E-5	-6.5E-5	-1.0E-4	1.5E-8	-1.5E-8
894	0.110	-0.108	0.081	-0.081	-0.050	-0.066	-5.0E-5	-7.7E-5	-9.4E-5	-1.4E-4	2.1E-8	-2.1E-8
895	0.112	-0.111	0.076	-0.076	-0.046	-0.061	-5.0E-5	-7.3E-5	-8.6E-5	-1.3E-4	5.7E-9	-5.7E-9
896	0.116	-0.115	0.071	-0.071	-0.042	-0.055	-4.6E-5	-6.8E-5	-7.6E-5	-1.2E-4	8.1E-9	-8.1E-9
897	0.131	-0.130	0.078	-0.078	-0.037	-0.047	-3.4E-5	-6.4E-5	-7.2E-5	-1.1E-4	9.5E-0	-9.5E-0
898	0.125	-0.123	0.082	-0.082	-0.041	-0.053	-3.8E-5	-7.1E-5	-7.8E-5	-1.2E-4	5.6E-9	-5.6E-9
899	0.119	-0.117	0.084	-0.084	-0.046	-0.058	-4.2E-5	-7.6E-5	-8.5E-5	-1.3E-4	1.3E-8	-1.3E-8
900	0.117	-0.116	0.184	-0.183	-0.069	-0.139	3.0E-4	2.9E-5	3.2E-4	9.9E-5	5.3E-9	-5.3E-9
901	0.120	-0.119	0.170	-0.170	-0.061	-0.111	3.3E-4	9.1E-5	2.2E-4	8.9E-5	9.9E-9	-9.9E-9
902	0.123	-0.121	0.157	-0.156	-0.050	-0.085	2.7E-4	9.0E-5	1.3E-4	5.8E-5	3.3E-9	-3.3E-9

903	0.104	-0.103	0.183	-0.182	-0.059	-0.114	2.4E-4	3.6E-6	2.4E-4	8.4E-5	1.5E-9	-1.5E-9
904	0.107	-0.106	0.169	-0.169	-0.054	-0.095	2.4E-4	5.6E-5	1.8E-4	7.3E-5	1.9E-8	-1.9E-8
905	0.110	-0.109	0.156	-0.156	-0.045	-0.077	2.1E-4	6.8E-5	1.1E-4	4.4E-5	1.3E-8	-1.3E-8
906	0.091	-0.090	0.182	-0.181	-0.053	-0.097	2.1E-4	-9.9E-6	1.4E-4	4.7E-5	6.1E-9	-6.1E-9
907	0.095	-0.093	0.168	-0.168	-0.048	-0.084	1.9E-4	2.4E-5	1.1E-4	3.7E-5	3.4E-9	-3.4E-9
908	0.098	-0.097	0.155	-0.155	-0.040	-0.073	1.6E-4	4.5E-5	8.8E-5	-3.0E-6	1.7E-8	-1.7E-8
909	0.078	-0.077	0.181	-0.181	-0.050	-0.089	2.0E-4	-3.9E-5	5.5E-5	-8.7E-6	9.2E-9	-9.2E-9
910	0.082	-0.081	0.168	-0.168	-0.044	-0.081	1.7E-4	-4.5E-6	5.9E-5	-3.7E-5	1.9E-8	-1.9E-8
911	0.086	-0.085	0.155	-0.155	-0.036	-0.075	1.3E-4	2.0E-5	5.6E-5	-6.9E-5	4.8E-0	-4.8E-0
912	0.066	-0.064	0.180	-0.180	-0.051	-0.091	2.2E-4	-8.8E-5	-1.3E-5	-7.9E-5	1.9E-8	-1.9E-8
913	0.070	-0.069	0.167	-0.167	-0.043	-0.086	1.8E-4	-5.5E-5	7.8E-6	-1.1E-4	1.4E-8	-1.4E-8
914	0.074	-0.073	0.154	-0.154	-0.033	-0.083	1.3E-4	-8.7E-6	2.1E-5	-1.5E-4	2.1E-8	-2.1E-8
915	0.050	-0.048	0.174	-0.174	-0.071	-0.138	3.0E-4	-2.1E-4	-2.8E-5	-3.4E-4	3.1E-9	-3.1E-9
916	0.049	-0.048	0.176	-0.177	-0.063	-0.116	2.8E-4	-1.9E-4	-5.4E-5	-2.5E-4	9.0E-9	-9.0E-9
917	0.053	-0.051	0.178	-0.178	-0.055	-0.100	2.5E-4	-1.4E-4	-5.3E-5	-1.6E-4	1.0E-8	-1.0E-8
918	0.058	-0.057	0.166	-0.166	-0.046	-0.098	2.0E-4	-1.2E-4	-5.1E-5	-1.7E-4	3.8E-9	-3.8E-9
919	0.063	-0.062	0.154	-0.154	-0.034	-0.099	1.4E-4	-5.2E-5	-2.2E-5	-2.2E-4	2.0E-8	-2.0E-8
920	0.048	-0.047	0.163	-0.163	-0.069	-0.127	2.7E-4	-2.3E-4	-5.3E-5	-3.0E-4	9.7E-9	-9.7E-9
921	0.048	-0.047	0.165	-0.165	-0.054	-0.113	2.4E-4	-1.9E-4	-9.1E-5	-2.2E-4	1.9E-8	-1.9E-8
922	0.051	-0.050	0.153	-0.153	-0.039	-0.118	1.8E-4	-1.1E-4	-8.0E-5	-2.5E-4	7.6E-9	-7.6E-9
923	0.047	-0.046	0.152	-0.152	-0.050	-0.136	2.3E-4	-1.9E-4	-9.9E-5	-2.5E-4	2.0E-8	-2.0E-8
924	0.127	-0.126	0.130	-0.130	-0.036	-0.049	1.3E-4	4.3E-5	5.6E-5	-3.7E-6	1.4E-8	-1.4E-8
925	0.129	-0.127	0.117	-0.117	-0.032	-0.039	8.4E-5	2.1E-5	3.8E-5	-2.0E-5	1.5E-8	-1.5E-8
926	0.130	-0.129	0.104	-0.104	-0.030	-0.034	4.8E-5	6.0E-6	2.5E-5	-2.7E-5	4.2E-9	-4.2E-9
927	0.131	-0.129	0.091	-0.091	-0.028	-0.032	2.4E-5	-3.1E-6	1.6E-5	-2.7E-5	1.9E-8	-1.9E-8
928	0.131	-0.130	0.079	-0.079	-0.027	-0.032	9.4E-6	-6.2E-6	9.1E-6	-2.5E-5	1.4E-8	-1.4E-8
929	0.132	-0.131	0.066	-0.066	-0.027	-0.032	1.9E-6	-6.3E-6	4.4E-6	-2.2E-5	9.9E-9	-9.9E-9
930	0.043	-0.042	0.137	-0.137	-0.066	-0.126	1.6E-4	-2.7E-5	1.6E-4	-2.0E-4	1.5E-8	-1.5E-8
931	0.043	-0.042	0.132	-0.132	-0.051	-0.135	2.7E-4	-3.2E-5	4.2E-5	-1.9E-4	6.3E-9	-6.3E-9
932	0.047	-0.046	0.130	-0.130	-0.037	-0.128	2.1E-4	-2.4E-5	-1.1E-4	-1.8E-4	2.3E-9	-2.3E-9
933	0.057	-0.056	0.130	-0.130	-0.029	-0.109	1.6E-4	-2.1E-5	-6.5E-5	-2.4E-4	1.2E-8	-1.2E-8
934	0.068	-0.067	0.130	-0.130	-0.026	-0.089	1.2E-4	-6.3E-6	-2.2E-5	-2.2E-4	3.4E-9	-3.4E-9
935	0.079	-0.078	0.130	-0.130	-0.025	-0.072	9.5E-5	4.0E-6	8.5E-6	-1.6E-4	3.1E-9	-3.1E-9
936	0.091	-0.090	0.130	-0.130	-0.026	-0.060	8.8E-5	1.5E-5	3.0E-5	-1.1E-4	9.9E-9	-9.9E-9
937	0.103	-0.101	0.130	-0.130	-0.029	-0.053	9.5E-5	2.4E-5	4.4E-5	-5.6E-5	1.0E-8	-1.0E-8
938	0.115	-0.114	0.130	-0.129	-0.033	-0.050	1.1E-4	3.3E-5	5.3E-5	-2.2E-5	1.9E-8	-1.9E-8
939	0.116	-0.115	0.117	-0.117	-0.029	-0.042	7.4E-5	1.2E-5	3.5E-5	-3.4E-5	4.3E-0	-4.3E-0
940	0.117	-0.116	0.104	-0.104	-0.028	-0.036	4.7E-5	-1.9E-6	2.2E-5	-3.7E-5	8.6E-1	-8.6E-1
941	0.118	-0.116	0.091	-0.091	-0.029	-0.033	2.7E-5	-9.9E-6	1.2E-5	-3.4E-5	1.2E-8	-1.2E-8
942	0.118	-0.117	0.078	-0.078	-0.029	-0.032	1.3E-5	-1.1E-5	5.0E-6	-3.0E-5	9.7E-9	-9.7E-9
943	0.118	-0.117	0.066	-0.066	-0.029	-0.032	4.2E-6	-9.3E-6	2.5E-7	-2.6E-5	4.8E-9	-4.8E-9
944	0.041	-0.040	0.127	-0.127	-0.069	-0.115	1.7E-4	-6.5E-5	1.0E-4	-2.0E-4	3.1E-0	-3.1E-0
945	0.041	-0.040	0.123	-0.123	-0.055	-0.116	2.2E-4	-6.5E-5	3.6E-5	-2.2E-4	1.9E-8	-1.9E-8
946	0.046	-0.045	0.121	-0.121	-0.042	-0.110	2.4E-4	-6.3E-5	-7.9E-5	-1.7E-4	1.1E-8	-1.1E-8
947	0.057	-0.056	0.120	-0.120	-0.032	-0.096	1.9E-4	-5.0E-5	-8.5E-5	-1.8E-4	1.6E-9	-1.6E-9
948	0.069	-0.068	0.119	-0.119	-0.027	-0.079	1.4E-4	-3.5E-5	-3.9E-5	-1.8E-4	1.9E-8	-1.9E-8
949	0.080	-0.079	0.118	-0.118	-0.025	-0.064	1.0E-4	-2.0E-5	-7.7E-6	-1.4E-4	1.6E-8	-1.6E-8
950	0.092	-0.091	0.117	-0.117	-0.025	-0.054	8.2E-5	-7.9E-6	1.4E-5	-1.0E-4	1.9E-8	-1.9E-8
951	0.104	-0.103	0.117	-0.117	-0.027	-0.046	7.3E-5	2.6E-6	2.7E-5	-6.1E-5	2.1E-8	-2.1E-8
952	0.104	-0.103	0.104	-0.104	-0.027	-0.041	5.2E-5	-1.0E-5	1.3E-5	-5.7E-5	1.7E-8	-1.7E-8
953	0.105	-0.104	0.091	-0.091	-0.028	-0.037	3.4E-5	-1.7E-5	2.8E-6	-4.9E-5	1.5E-8	-1.5E-8
954	0.105	-0.104	0.078	-0.078	-0.030	-0.034	1.9E-5	-1.7E-5	-4.2E-6	-4.2E-5	2.0E-9	-2.0E-9
955	0.105	-0.104	0.066	-0.066	-0.031	-0.034	8.3E-6	-1.3E-5	-8.8E-6	-3.7E-5	1.6E-8	-1.6E-8
956	0.039	-0.038	0.118	-0.118	-0.074	-0.106	1.3E-4	-8.9E-5	4.9E-5	-2.1E-4	2.1E-8	-2.1E-8
957	0.039	-0.038	0.114	-0.114	-0.059	-0.103	1.7E-4	-7.0E-5	-8.7E-6	-2.2E-4	1.3E-8	-1.3E-8
958	0.046	-0.045	0.111	-0.111	-0.046	-0.094	1.8E-4	-6.1E-5	-7.3E-5	-1.8E-4	4.6E-9	-4.6E-9
959	0.057	-0.056	0.109	-0.109	-0.037	-0.082	1.6E-4	-5.5E-5	-9.7E-5	-1.4E-4	2.1E-8	-2.1E-8
960	0.069	-0.068	0.107	-0.107	-0.030	-0.068	1.2E-4	-4.3E-5	-5.5E-5	-1.4E-4	1.5E-8	-1.5E-8
961	0.081	-0.079	0.106	-0.106	-0.027	-0.057	9.1E-5	-3.1E-5	-2.3E-5	-1.2E-4	6.8E-9	-6.8E-9
962	0.092	-0.091	0.105	-0.104	-0.026	-0.047	6.6E-5	-2.0E-5	-1.3E-6	-8.5E-5	2.7E-9	-2.7E-9
963	0.092	-0.091	0.092	-0.092	-0.028	-0.042	4.7E-5	-2.4E-5	-1.2E-5	-7.1E-5	1.8E-8	-1.8E-8
964	0.092	-0.091	0.079	-0.079	-0.031	-0.039	2.8E-5	-2.1E-5	-2.0E-5	-6.0E-5	8.7E-9	-8.7E-9
965	0.092	-0.090	0.066	-0.066	-0.033	-0.037	1.3E-5	-1.6E-5	-2.4E-5	-5.5E-5	1.6E-8	-1.6E-8
966	0.038	-0.036	0.109	-0.109	-0.079	-0.100	8.4E-5	-5.9E-5	1.0E-5	-2.3E-4	4.1E-9	-4.1E-9
967	0.037	-0.036	0.105	-0.105	-0.064	-0.093	1.1E-4	-5.0E-5	-4.9E-5	-2.1E-4	5.1E-9	-5.1E-9
968	0.046	-0.045	0.101	-0.101	-0.051	-0.082	1.2E-4	-4.8E-5	-8.5E-5	-1.7E-4	1.6E-8	-1.6E-8
969	0.057	-0.056	0.098	-0.098	-0.041	-0.071	1.1E-4	-4.5E-5	-9.9E-5	-1.3E-4	1.0E-8	-1.0E-8
970	0.069	-0.068	0.095	-0.095	-0.034	-0.060	8.9E-5	-3.9E-5	-6.6E-5	-1.2E-4	1.0E-8	-1.0E-8
971	0.080	-0.079	0.093	-0.093	-0.030	-0.050	6.5E-5	-3.1E-5	-3.5E-5	-9.5E-5	1.2E-9	-1.2E-9
972	0.080	-0.079	0.080	-0.080	-0.033	-0.045	3.9E-5	-2.6E-5	-4.2E-5	-8.3E-5	9.3E-9	-9.3E-9
973	0.079	-0.078	0.067	-0.067	-0.036	-0.043	1.9E-5	-1.8E-5	-4.7E-5	-7.9E-5	3.8E-9	-3.8E-9
974	0.036	-0.034	0.099	-0.099	-0.080	-0.096	5.6E-5	-2.1E-5	-4.7E-5	-2.1E-4	7.8E-9	-7.8E-9

975	0.035	-0.033	0.094	-0.094	-0.067	-0.087	6.7E-5	-2.2E-5	-8.4E-5	-1.9E-4	3.2E-9	-3.2E-9
976	0.045	-0.044	0.090	-0.090	-0.054	-0.076	7.0E-5	-3.0E-5	-1.0E-4	-1.7E-4	8.7E-9	-8.7E-9
977	0.057	-0.055	0.086	-0.086	-0.044	-0.064	6.2E-5	-3.0E-5	-9.9E-5	-1.3E-4	1.2E-8	-1.2E-8
978	0.068	-0.067	0.082	-0.082	-0.038	-0.054	5.1E-5	-2.8E-5	-7.1E-5	-1.1E-4	3.8E-9	-3.8E-9
979	0.067	-0.066	0.068	-0.068	-0.041	-0.051	2.3E-5	-1.8E-5	-7.3E-5	-1.1E-4	1.5E-8	-1.5E-8
980	0.033	-0.032	0.088	-0.088	-0.079	-0.095	4.0E-5	-2.6E-6	-7.2E-5	-1.6E-4	8.4E-9	-8.4E-9
981	0.034	-0.032	0.081	-0.081	-0.068	-0.085	3.1E-5	-8.2E-6	-1.1E-4	-1.7E-4	9.1E-9	-9.1E-9
982	0.044	-0.043	0.076	-0.076	-0.057	-0.073	2.9E-5	-1.4E-5	-1.2E-4	-1.6E-4	1.6E-9	-1.6E-9
983	0.055	-0.054	0.070	-0.070	-0.048	-0.062	2.4E-5	-1.6E-5	-1.0E-4	-1.3E-4	1.6E-9	-1.6E-9
984	0.031	-0.030	0.078	-0.078	-0.078	-0.096	2.6E-5	-1.3E-5	-8.2E-5	-1.4E-4	1.4E-8	-1.4E-8
985	0.033	-0.031	0.072	-0.072	-0.069	-0.086	1.5E-5	-4.9E-6	-1.2E-4	-1.6E-4	7.8E-9	-7.8E-9
986	0.041	-0.040	0.065	-0.065	-0.061	-0.076	1.6E-5	-8.1E-6	-1.2E-4	-1.6E-4	1.3E-8	-1.3E-8
987	0.034	-0.033	0.061	-0.061	-0.067	-0.084	1.1E-5	-5.8E-6	-1.2E-4	-1.6E-4	1.2E-9	-1.2E-9
988	0.030	-0.028	0.062	-0.062	-0.076	-0.096	1.6E-5	-5.0E-6	-1.0E-4	-1.4E-4	1.6E-8	-1.6E-8
989	0.031	-0.029	0.070	-0.070	-0.078	-0.097	2.0E-5	-1.4E-5	-8.3E-5	-1.3E-4	1.4E-9	-1.4E-9
990	0.030	-0.029	0.068	-0.068	-0.071	-0.090	1.4E-5	-6.0E-6	-1.1E-4	-1.6E-4	2.2E-8	-2.2E-8
991	0.124	-0.123	0.080	-0.081	-0.066	-0.138	1.9E-5	-9.2E-5	1.6E-4	-2.0E-4	1.7E-8	-1.7E-8
992	0.138	-0.137	0.081	-0.081	-0.050	-0.162	1.8E-5	-9.0E-5	1.8E-4	-2.9E-4	9.8E-9	-9.8E-9
993	0.138	-0.137	0.093	-0.093	-0.047	-0.159	5.0E-5	-9.3E-5	1.8E-4	-3.0E-4	1.3E-8	-1.3E-8
994	0.124	-0.122	0.093	-0.093	-0.064	-0.135	5.0E-5	-9.0E-5	1.7E-4	-2.0E-4	1.5E-8	-1.5E-8
995	0.137	-0.136	0.144	-0.144	-0.032	-0.232	4.1E-4	-4.0E-5	3.0E-4	-4.2E-4	1.3E-8	-1.3E-8
996	0.123	-0.122	0.144	-0.144	-0.058	-0.197	3.7E-4	-1.2E-5	2.6E-4	-3.1E-4	1.1E-9	-1.1E-9
997	0.137	-0.136	0.131	-0.131	-0.035	-0.199	3.3E-4	-5.3E-5	2.6E-4	-3.7E-4	1.6E-8	-1.6E-8
998	0.123	-0.122	0.131	-0.131	-0.057	-0.169	2.9E-4	-2.5E-5	2.2E-4	-2.6E-4	1.5E-8	-1.5E-8
999	0.123	-0.122	0.118	-0.118	-0.058	-0.149	2.0E-4	-4.7E-5	2.0E-4	-2.3E-4	1.9E-8	-1.9E-8
1000	0.137	-0.136	0.118	-0.118	-0.039	-0.176	2.2E-4	-6.5E-5	2.2E-4	-3.3E-4	5.1E-0	-5.1E-0
1001	0.091	-0.090	0.078	-0.078	-0.095	-0.115	5.1E-5	-6.9E-5	1.2E-4	-7.0E-5	1.9E-8	-1.9E-8
1002	0.101	-0.099	0.079	-0.079	-0.090	-0.116	3.9E-5	-8.3E-5	1.4E-4	-9.4E-5	1.5E-8	-1.5E-8
1003	0.092	-0.090	0.088	-0.088	-0.097	-0.111	6.6E-5	-8.7E-5	1.3E-4	-5.3E-5	3.0E-9	-3.0E-9
1004	0.101	-0.099	0.090	-0.090	-0.089	-0.114	6.0E-5	-8.8E-5	1.4E-4	-7.7E-5	1.5E-8	-1.5E-8
1005	0.092	-0.090	0.098	-0.098	-0.097	-0.110	9.2E-5	-8.6E-5	1.2E-4	-4.2E-5	2.1E-8	-2.1E-8
1006	0.100	-0.098	0.103	-0.103	-0.088	-0.115	1.1E-4	-7.7E-5	1.4E-4	-7.0E-5	1.8E-8	-1.8E-8
1007	0.090	-0.089	0.107	-0.107	-0.096	-0.114	1.2E-4	-7.7E-5	1.2E-4	-4.6E-5	1.8E-8	-1.8E-8
1008	0.095	-0.094	0.127	-0.127	-0.086	-0.137	2.2E-4	-2.9E-5	1.4E-4	-1.0E-4	2.4E-9	-2.4E-9
1009	0.091	-0.089	0.147	-0.147	-0.086	-0.172	3.0E-4	-9.2E-7	1.3E-4	-1.5E-4	2.1E-8	-2.1E-8
1010	0.095	-0.093	0.138	-0.138	-0.085	-0.156	2.7E-4	-9.4E-6	1.4E-4	-1.4E-4	6.4E-9	-6.4E-9
1011	0.099	-0.098	0.149	-0.149	-0.084	-0.180	3.3E-4	-1.1E-6	1.8E-4	-2.1E-4	1.5E-8	-1.5E-8
1012	0.064	-0.062	0.133	-0.133	-0.090	-0.145	2.0E-4	-5.1E-5	4.0E-5	-5.3E-5	1.5E-8	-1.5E-8
1013	0.072	-0.071	0.135	-0.135	-0.089	-0.148	2.2E-4	-3.6E-5	5.6E-5	-7.2E-5	7.0E-9	-7.0E-9
1014	0.071	-0.070	0.145	-0.145	-0.087	-0.164	2.6E-4	-2.2E-5	4.1E-5	-8.3E-5	2.2E-8	-2.2E-8
1015	0.064	-0.062	0.141	-0.141	-0.087	-0.157	2.3E-4	-3.9E-5	2.4E-5	-5.5E-5	1.2E-9	-1.2E-9
1016	0.063	-0.062	0.148	-0.148	-0.086	-0.168	2.6E-4	-3.3E-5	1.7E-5	-6.6E-5	1.1E-0	-1.1E-0
1017	0.045	-0.043	0.133	-0.133	-0.091	-0.142	2.0E-4	-7.6E-5	3.2E-5	-5.4E-5	2.7E-8	-2.7E-8
1018	0.045	-0.043	0.149	-0.149	-0.084	-0.166	2.6E-4	-7.9E-5	7.0E-5	-1.1E-4	6.4E-9	-6.4E-9
1019	0.063	-0.062	0.105	-0.105	-0.100	-0.118	1.2E-4	-8.5E-5	7.8E-5	-5.0E-5	1.2E-8	-1.2E-8
1020	0.063	-0.062	0.115	-0.115	-0.097	-0.124	1.4E-4	-7.5E-5	7.1E-5	-4.8E-5	1.4E-8	-1.4E-8
1021	0.045	-0.044	0.079	-0.079	-0.087	-0.129	4.6E-5	-5.0E-5	4.8E-6	-4.1E-5	3.7E-9	-3.7E-9
1022	0.055	-0.053	0.081	-0.081	-0.090	-0.128	4.6E-5	-5.6E-5	3.6E-5	-4.5E-5	1.2E-8	-1.2E-8
1023	0.073	-0.072	0.086	-0.086	-0.098	-0.118	6.9E-5	-7.8E-5	8.7E-5	-6.0E-5	2.1E-8	-2.1E-8
1024	0.065	-0.063	0.082	-0.082	-0.093	-0.124	5.9E-5	-7.0E-5	6.9E-5	-5.5E-5	1.4E-8	-1.4E-8
1025	0.074	-0.073	0.077	-0.077	-0.095	-0.120	5.9E-5	-5.3E-5	8.9E-5	-6.1E-5	7.0E-9	-7.0E-9
1026	0.044	-0.043	0.113	-0.113	-0.096	-0.125	1.3E-4	-7.3E-5	1.8E-5	-5.4E-5	1.9E-8	-1.9E-8
1027	0.045	-0.043	0.103	-0.103	-0.094	-0.123	1.0E-4	-7.3E-5	6.9E-6	-4.9E-5	6.8E-0	-6.8E-0
1028	0.046	-0.045	0.026	-0.026	-0.078	-0.112	-8.9E-6	-4.3E-5	3.8E-5	-2.6E-5	6.6E-0	-6.6E-0
1029	0.071	-0.070	0.028	-0.028	-0.081	-0.112	-7.4E-6	-5.0E-5	2.7E-5	-6.3E-5	5.5E-9	-5.5E-9
1030	0.027	-0.026	0.036	-0.036	-0.082	-0.103	2.9E-5	-1.4E-5	2.3E-5	-2.8E-5	4.6E-9	-4.6E-9
1031	0.028	-0.027	0.046	-0.045	-0.082	-0.105	3.2E-5	-4.4E-6	2.0E-5	-3.8E-5	7.6E-9	-7.6E-9
1032	0.029	-0.027	0.055	-0.055	-0.082	-0.107	2.6E-5	5.0E-6	1.7E-5	-4.8E-5	1.6E-8	-1.6E-8
1033	0.029	-0.028	0.056	-0.056	-0.079	-0.118	6.2E-5	2.1E-5	2.2E-5	-8.7E-5	3.8E-0	-3.8E-0
1034	0.142	-0.141	0.034	-0.034	-0.063	-0.151	2.9E-6	-7.2E-5	9.6E-5	-2.6E-4	1.1E-8	-1.1E-8
1035	0.142	-0.141	0.034	-0.034	-0.059	-0.149	1.1E-5	-8.1E-5	9.9E-5	-2.8E-4	4.2E-9	-4.2E-9
1036	0.142	-0.141	0.034	-0.034	-0.056	-0.148	4.4E-5	-7.3E-5	1.1E-4	-2.9E-4	3.6E-9	-3.6E-9
1037	0.130	-0.129	0.032	-0.032	-0.070	-0.132	-1.2E-5	-6.4E-5	9.3E-5	-2.1E-4	5.2E-9	-5.2E-9
1038	0.130	-0.129	0.032	-0.032	-0.067	-0.129	-4.2E-6	-7.4E-5	9.9E-5	-2.2E-4	5.1E-9	-5.1E-9
1039	0.130	-0.129	0.032	-0.032	-0.064	-0.127	2.9E-5	-6.2E-5	1.1E-4	-2.3E-4	1.8E-8	-1.8E-8
1040	0.095	-0.094	0.030	-0.030	-0.092	-0.104	-2.0E-5	-5.6E-5	1.0E-4	-9.6E-5	1.4E-8	-1.4E-8
1041	0.107	-0.106	0.030	-0.031	-0.086	-0.109	-1.8E-5	-6.8E-5	1.1E-4	-1.1E-4	9.7E-9	-9.7E-9
1042	0.118	-0.117	0.031	-0.031	-0.078	-0.119	-1.5E-5	-6.7E-5	1.0E-4	-1.5E-4	1.2E-8	-1.2E-8
1043	0.118	-0.117	0.031	-0.031	-0.075	-0.114	-9.1E-6	-7.6E-5	1.0E-4	-1.6E-4	7.1E-9	-7.1E-9
1044	0.119	-0.118	0.031	-0.031	-0.072	-0.111	2.2E-5	-6.0E-5	1.1E-4	-1.7E-4	6.7E-9	-6.7E-9
1045	0.096	-0.094	0.029	-0.030	-0.088	-0.100	-1.1E-5	-7.4E-5	1.0E-4	-8.5E-5	6.8E-0	-6.8E-0
1046	0.107	-0.106	0.030	-0.030	-0.083	-0.104	-1.1E-5	-7.7E-5	1.1E-4	-1.1E-4	4.1E-9	-4.1E-9

1047	0.107	-0.106	0.030	-0.030	-0.081	-0.101	1.9E-5	-6.0E-5	1.1E-4	-1.1E-4	1.8E-8	-1.8E-8
1048	0.096	-0.095	0.029	-0.030	-0.084	-0.099	1.7E-5	-6.0E-5	9.8E-5	-7.7E-5	8.7E-9	-8.7E-9
1049	0.095	-0.094	0.039	-0.039	-0.082	-0.104	8.0E-5	1.4E-6	1.0E-4	-7.7E-5	6.1E-9	-6.1E-9
1050	0.106	-0.105	0.040	-0.040	-0.080	-0.106	8.5E-5	1.1E-6	1.2E-4	-1.2E-4	5.5E-9	-5.5E-9
1051	0.092	-0.091	0.058	-0.058	-0.087	-0.116	7.6E-5	3.5E-5	1.1E-4	-8.9E-5	2.1E-8	-2.1E-8
1052	0.093	-0.092	0.049	-0.049	-0.083	-0.111	8.7E-5	3.2E-5	1.1E-4	-8.3E-5	2.1E-8	-2.1E-8
1053	0.104	-0.103	0.049	-0.049	-0.081	-0.112	9.9E-5	2.5E-5	1.2E-4	-1.2E-4	2.2E-8	-2.2E-8
1054	0.102	-0.101	0.058	-0.059	-0.085	-0.118	8.1E-5	2.8E-5	1.3E-4	-1.2E-4	1.3E-8	-1.3E-8
1055	0.141	-0.140	0.045	-0.045	-0.052	-0.155	1.1E-4	-3.6E-5	1.4E-4	-3.0E-4	1.1E-8	-1.1E-8
1056	0.129	-0.128	0.043	-0.043	-0.063	-0.132	9.9E-5	-1.7E-5	1.3E-4	-2.3E-4	1.4E-8	-1.4E-8
1057	0.139	-0.138	0.062	-0.062	-0.052	-0.163	7.9E-5	-2.7E-5	1.6E-4	-2.9E-4	1.2E-8	-1.2E-8
1058	0.135	-0.134	0.065	-0.065	-0.057	-0.156	6.3E-5	-2.6E-5	1.6E-4	-2.6E-4	3.8E-9	-3.8E-9
1059	0.120	-0.119	0.056	-0.056	-0.071	-0.131	9.6E-5	1.1E-5	1.4E-4	-1.9E-4	1.9E-8	-1.9E-8
1060	0.025	-0.024	0.023	-0.023	-0.085	-0.102	1.2E-5	-2.6E-5	2.6E-5	-3.8E-5	1.6E-8	-1.6E-8
1061	0.026	-0.024	0.023	-0.023	-0.084	-0.102	8.1E-6	-2.5E-5	2.5E-5	-3.1E-5	1.6E-8	-1.6E-8
1062	0.026	-0.025	0.023	-0.023	-0.083	-0.102	1.2E-5	-1.9E-5	2.5E-5	-2.4E-5	5.8E-9	-5.8E-9
1063	0.025	-0.024	0.024	-0.024	-0.082	-0.108	-6.2E-6	-3.5E-5	3.8E-5	-6.2E-5	2.0E-9	-2.0E-9
1064	0.138	-0.137	0.075	-0.076	-0.071	-0.130	4.8E-5	-9.8E-5	2.3E-5	-2.5E-4	2.0E-8	-2.0E-8
1065	0.138	-0.137	0.064	-0.064	-0.072	-0.125	5.1E-5	-9.5E-5	1.7E-5	-2.4E-4	1.9E-8	-1.9E-8
1066	0.124	-0.123	0.075	-0.075	-0.074	-0.108	2.9E-5	-7.3E-5	3.4E-5	-1.8E-4	1.6E-8	-1.6E-8
1067	0.124	-0.123	0.064	-0.064	-0.073	-0.105	3.1E-5	-6.8E-5	3.2E-5	-1.7E-4	3.2E-9	-3.2E-9
1068	0.096	-0.095	0.075	-0.075	-0.078	-0.096	8.8E-7	-4.2E-5	7.3E-5	-4.2E-5	3.8E-9	-3.8E-9
1069	0.110	-0.109	0.075	-0.075	-0.077	-0.097	1.2E-5	-5.3E-5	5.7E-5	-9.5E-5	2.0E-8	-2.0E-8
1070	0.110	-0.109	0.064	-0.064	-0.076	-0.093	1.5E-5	-4.8E-5	5.5E-5	-9.2E-5	1.8E-8	-1.8E-8
1071	0.096	-0.095	0.064	-0.064	-0.077	-0.092	9.7E-6	-4.3E-5	6.8E-5	-4.0E-5	1.4E-8	-1.4E-8
1072	0.138	-0.137	0.043	-0.043	-0.070	-0.124	9.3E-5	-4.8E-5	2.7E-5	-2.3E-4	3.9E-9	-3.9E-9
1073	0.137	-0.136	0.034	-0.034	-0.070	-0.128	1.1E-4	-2.5E-5	4.4E-5	-2.3E-4	8.8E-9	-8.8E-9
1074	0.131	-0.130	0.032	-0.033	-0.072	-0.132	8.1E-5	-9.3E-7	7.5E-5	-2.0E-4	1.8E-8	-1.8E-8
1075	0.136	-0.135	0.033	-0.033	-0.070	-0.134	1.1E-4	-1.0E-5	6.0E-5	-2.2E-4	1.7E-8	-1.7E-8
1076	0.142	-0.141	0.034	-0.034	-0.067	-0.150	7.2E-5	-1.8E-5	8.3E-5	-2.5E-4	1.0E-9	-1.0E-9
1077	0.093	-0.092	0.041	-0.041	-0.081	-0.093	6.7E-5	9.6E-6	7.1E-5	-4.8E-5	1.3E-8	-1.3E-8
1078	0.112	-0.112	0.036	-0.037	-0.078	-0.099	8.8E-5	9.2E-6	6.9E-5	-1.1E-4	2.1E-8	-2.1E-8
1079	0.104	-0.103	0.040	-0.040	-0.081	-0.092	7.3E-5	9.7E-6	7.3E-5	-7.5E-5	7.0E-9	-7.0E-9
1080	0.115	-0.114	0.044	-0.045	-0.075	-0.097	6.7E-5	-1.1E-5	5.5E-5	-1.2E-4	6.2E-9	-6.2E-9
1081	0.109	-0.108	0.031	-0.031	-0.084	-0.109	8.5E-5	2.4E-5	9.6E-5	-1.1E-4	1.5E-9	-1.5E-9
1082	0.026	-0.025	0.058	-0.058	-0.077	-0.100	3.4E-5	-4.8E-6	4.2E-5	-1.9E-5	2.1E-8	-2.1E-8
1083	0.027	-0.026	0.068	-0.067	-0.076	-0.099	2.6E-5	-5.9E-6	3.8E-5	-2.8E-5	1.5E-8	-1.5E-8
1084	0.028	-0.026	0.077	-0.077	-0.076	-0.098	1.8E-5	-6.4E-6	3.6E-5	-3.7E-5	1.2E-8	-1.2E-8
1085	0.028	-0.026	0.077	-0.077	-0.080	-0.094	1.3E-5	-1.6E-5	5.3E-5	-6.5E-5	1.1E-8	-1.1E-8
1086	0.027	-0.026	0.076	-0.076	-0.082	-0.094	7.7E-6	-2.7E-5	4.8E-5	-7.4E-5	1.9E-8	-1.9E-8
1087	0.026	-0.025	0.059	-0.059	-0.079	-0.095	2.5E-5	-1.1E-5	6.5E-5	-4.0E-5	1.7E-8	-1.7E-8
1088	0.027	-0.026	0.067	-0.067	-0.079	-0.095	1.2E-5	-1.2E-5	5.9E-5	-5.2E-5	2.2E-8	-2.2E-8
1089	0.027	-0.026	0.067	-0.067	-0.082	-0.093	6.2E-6	-2.5E-5	5.4E-5	-6.6E-5	6.2E-9	-6.2E-9
1090	0.026	-0.025	0.059	-0.059	-0.081	-0.092	1.9E-5	-1.7E-5	6.2E-5	-5.5E-5	1.2E-9	-1.2E-9
1091	0.026	-0.025	0.058	-0.058	-0.080	-0.093	1.6E-5	-2.3E-5	5.4E-5	-5.7E-5	4.4E-9	-4.4E-9
1092	0.026	-0.024	0.042	-0.042	-0.082	-0.094	5.5E-5	-1.1E-5	6.5E-5	-4.8E-5	1.6E-8	-1.6E-8
1093	0.026	-0.024	0.042	-0.042	-0.080	-0.095	5.7E-5	-8.5E-6	5.6E-5	-5.2E-5	5.7E-9	-5.7E-9
1094	0.025	-0.024	0.033	-0.033	-0.083	-0.098	6.6E-5	-6.5E-6	5.8E-5	-5.4E-5	1.3E-8	-1.3E-8
1095	0.025	-0.024	0.032	-0.032	-0.081	-0.100	7.3E-5	3.7E-7	5.1E-5	-5.6E-5	5.5E-9	-5.5E-9
1096	0.025	-0.024	0.024	-0.024	-0.082	-0.105	6.7E-5	3.3E-6	4.4E-5	-6.2E-5	2.0E-8	-2.0E-8
1097	0.025	-0.024	0.024	-0.024	-0.083	-0.101	6.5E-5	-3.4E-6	5.2E-5	-6.1E-5	1.3E-8	-1.3E-8
1098	0.025	-0.024	0.023	-0.023	-0.084	-0.104	5.4E-5	-4.6E-6	4.6E-5	-6.7E-5	1.6E-8	-1.6E-8
1099	0.025	-0.024	0.035	-0.035	-0.083	-0.099	5.4E-5	-2.0E-5	5.0E-5	-3.0E-5	2.5E-8	-2.5E-8
1100	0.025	-0.024	0.038	-0.038	-0.082	-0.101	4.7E-5	-2.4E-5	2.3E-5	-2.1E-5	4.7E-9	-4.7E-9
1101	0.026	-0.024	0.042	-0.042	-0.081	-0.099	4.9E-5	-1.9E-5	5.5E-5	-2.7E-5	1.4E-8	-1.4E-8
1102	0.032	-0.031	0.139	-0.139	-0.069	-0.118	9.6E-5	-2.5E-4	1.1E-4	-6.2E-5	1.4E-8	-1.4E-8
1103	0.033	-0.033	0.150	-0.150	-0.062	-0.138	9.9E-5	-3.1E-4	1.2E-4	-9.1E-5	7.0E-9	-7.0E-9
1104	0.034	-0.034	0.161	-0.161	-0.054	-0.163	9.5E-5	-3.6E-4	1.3E-4	-1.3E-4	1.4E-8	-1.4E-8
1105	0.035	-0.034	0.161	-0.161	-0.044	-0.175	1.1E-4	-4.1E-4	1.0E-4	-1.4E-4	6.2E-9	-6.2E-9
1106	0.036	-0.035	0.160	-0.160	-0.039	-0.184	1.0E-4	-4.5E-4	2.3E-5	-1.0E-4	7.5E-9	-7.5E-9
1107	0.033	-0.032	0.140	-0.140	-0.061	-0.123	1.0E-4	-2.7E-4	1.0E-4	-7.7E-5	1.2E-8	-1.2E-8
1108	0.034	-0.033	0.150	-0.150	-0.052	-0.146	1.1E-4	-3.5E-4	9.6E-5	-1.0E-4	2.0E-9	-2.0E-9
1109	0.034	-0.034	0.150	-0.149	-0.047	-0.152	1.0E-4	-3.8E-4	3.1E-5	-7.9E-5	1.8E-8	-1.8E-8
1110	0.033	-0.032	0.140	-0.140	-0.055	-0.129	1.0E-4	-3.0E-4	6.2E-5	-7.6E-5	6.3E-9	-6.3E-9
1111	0.033	-0.033	0.140	-0.140	-0.053	-0.132	9.8E-5	-3.0E-4	2.1E-5	-5.6E-5	1.4E-8	-1.4E-8
1112	0.031	-0.030	0.122	-0.122	-0.068	-0.100	9.6E-5	-1.5E-4	7.0E-5	-6.5E-5	7.3E-9	-7.3E-9
1113	0.031	-0.031	0.122	-0.122	-0.066	-0.103	9.7E-5	-1.5E-4	4.0E-5	-5.6E-5	1.8E-8	-1.8E-8
1114	0.030	-0.029	0.112	-0.111	-0.074	-0.093	8.9E-5	-7.9E-5	6.2E-5	-6.7E-5	5.9E-9	-5.9E-9
1115	0.030	-0.029	0.110	-0.110	-0.072	-0.096	9.3E-5	-6.8E-5	4.3E-5	-6.2E-5	1.0E-8	-1.0E-8
1116	0.029	-0.028	0.099	-0.099	-0.078	-0.095	7.9E-5	-2.1E-5	4.3E-5	-7.0E-5	7.3E-9	-7.3E-9
1117	0.029	-0.028	0.102	-0.102	-0.078	-0.091	7.8E-5	-3.6E-5	5.6E-5	-7.2E-5	5.8E-9	-5.8E-9
1118	0.029	-0.028	0.095	-0.095	-0.081	-0.092	6.5E-5	-1.6E-5	5.1E-5	-7.6E-5	1.8E-8	-1.8E-8

1119	0.031	-0.030	0.119	-0.119	-0.077	-0.095	6.9E-5	-1.2E-4	8.1E-5	-3.3E-5	1.1E-8	-1.1E-8
1120	0.029	-0.028	0.101	-0.101	-0.076	-0.095	4.8E-5	-4.7E-5	3.6E-5	-2.3E-5	3.4E-9	-3.4E-9
1121	0.029	-0.028	0.096	-0.096	-0.074	-0.095	3.3E-5	-4.3E-5	7.5E-6	-2.9E-5	2.1E-8	-2.1E-8
1122	0.038	-0.037	0.096	-0.096	-0.074	-0.094	2.7E-5	-5.4E-5	2.6E-5	-2.6E-5	1.7E-8	-1.7E-8
1123	0.030	-0.029	0.117	-0.116	-0.080	-0.095	3.8E-5	-1.0E-4	1.6E-5	-2.2E-5	8.2E-9	-8.2E-9
1124	0.029	-0.028	0.106	-0.106	-0.076	-0.095	3.4E-5	-6.9E-5	8.9E-6	-2.0E-5	7.0E-9	-7.0E-9
1125	0.038	-0.037	0.106	-0.106	-0.078	-0.093	3.3E-5	-7.7E-5	3.1E-5	-1.6E-5	2.3E-8	-2.3E-8
1126	0.038	-0.037	0.116	-0.116	-0.081	-0.094	3.4E-5	-1.0E-4	2.8E-5	-8.2E-6	1.1E-8	-1.1E-8
1127	0.061	-0.059	0.116	-0.115	-0.088	-0.099	4.0E-5	-1.0E-4	7.4E-5	1.0E-5	2.5E-8	-2.5E-8
1128	0.061	-0.059	0.105	-0.105	-0.086	-0.097	3.4E-5	-9.1E-5	7.6E-5	4.4E-6	2.0E-8	-2.0E-8
1129	0.061	-0.059	0.095	-0.095	-0.080	-0.096	2.5E-5	-8.4E-5	8.1E-5	9.2E-7	1.3E-8	-1.3E-8

Per edifici con il seguente tipo di elementi: tamponamenti collegati rigidamente (Tamponature fragili), il controllo viene fatto tramite la seguente relazione:

$$d_r < (2/3) \cdot 0.0050\ h$$

dove:
d_r è lo spostamento relativo tra due impalcati consecutivi;
h è l'altezza dell'impalcato;

Piano : piano considerato;
ELEMENTO : tipo e numero dell'elemento considerato;
drx : traslazione relativa X globale del piano considerato;
dry : traslazione relativa Y globale del piano considerato;
H : altezza del piano considerato;
dlim : spostamento limite da normativa;
Esito : esito della verifica;

Tabella 33.II

Piano	ELEMENTO	drx [cm]	dry [cm]	H [cm]	dlim [cm]	Esito
Piano 1	Pilastro N° 1	0.0455	0.5347	385.0000	1.2833	Verificato
	Pilastro N° 2	0.1180	0.4970	385.0000	1.2833	Verificato
	Pilastro N° 3	0.1584	0.4695	385.0000	1.2833	Verificato
	Pilastro N° 4	0.1574	0.4514	385.0000	1.2833	Verificato
	Pilastro N° 5	0.1170	0.4890	385.0000	1.2833	Verificato
	Pilastro N° 6	0.0493	0.5310	385.0000	1.2833	Verificato
	Pilastro N° 7	0.0712	0.5776	385.0000	1.2833	Verificato
	Pilastro N° 8	0.1426	0.5411	385.0000	1.2833	Verificato
	Pilastro N° 9	0.1819	0.5139	385.0000	1.2833	Verificato
	Pilastro N° 10	0.0899	0.6178	385.0000	1.2833	Verificato
	Pilastro N° 11	0.1580	0.5828	385.0000	1.2833	Verificato
	Pilastro N° 12	0.1980	0.5553	385.0000	1.2833	Verificato
	Pilastro N° 13	0.1887	0.5377	385.0000	1.2833	Verificato
	Pilastro N° 14	0.1373	0.5732	385.0000	1.2833	Verificato
	Pilastro N° 15	0.0643	0.6147	385.0000	1.2833	Verificato
	Pilastro N° 16	0.1557	0.6563	385.0000	1.2833	Verificato
	Pilastro N° 17	0.1964	0.5915	385.0000	1.2833	Verificato
	Pilastro N° 18	0.1990	0.6628	385.0000	1.2833	Verificato
	Pilastro N° 19	0.2372	0.6159	385.0000	1.2833	Verificato
	Pilastro N° 20	0.2287	0.6007	385.0000	1.2833	Verificato
	Pilastro N° 21	0.1800	0.6304	385.0000	1.2833	Verificato
	Pilastro N° 22	0.1090	0.6647	385.0000	1.2833	Verificato
	Pilastro N° 23	0.2399	0.6630	385.0000	1.2833	Verificato
	Pilastro N° 24	0.2707	0.6132	385.0000	1.2833	Verificato
	Pilastro N° 25	0.2740	0.6446	385.0000	1.2833	Verificato
	Pilastro N° 26	0.3067	0.5760	385.0000	1.2833	Verificato
	Pilastro N° 27	0.3014	0.5603	385.0000	1.2833	Verificato
	Pilastro N° 28	0.2833	0.5680	385.0000	1.2833	Verificato
	Pilastro N° 29	0.2576	0.5889	385.0000	1.2833	Verificato
	Pilastro N° 30	0.2283	0.6000	385.0000	1.2833	Verificato
	Pilastro N° 31	0.1852	0.6305	385.0000	1.2833	Verificato
	Pilastro N° 32	0.3118	0.5405	385.0000	1.2833	Verificato
	Pilastro N° 33	0.2824	0.5623	385.0000	1.2833	Verificato
	Pilastro N° 34	0.3092	0.6045	385.0000	1.2833	Verificato
	Pilastro N° 35	0.3661	0.5355	385.0000	1.2833	Verificato
	Pilastro N° 36	0.3792	0.5033	385.0000	1.2833	Verificato
	Pilastro N° 37	0.3648	0.5106	385.0000	1.2833	Verificato
	Pilastro N° 38	0.3358	0.5330	385.0000	1.2833	Verificato

	Pilastro N° 39	0.3176	0.5615	385.0000	1.2833	Verificato
	Pilastro N° 41	0.4255	0.4732	385.0000	1.2833	Verificato
	Pilastro N° 42	0.3920	0.5078	385.0000	1.2833	Verificato
	Pilastro N° 43	0.3633	0.5097	385.0000	1.2833	Verificato
	Pilastro N° 44	0.3210	0.5416	385.0000	1.2833	Verificato
	Pilastro N° 45	0.4143	0.5066	385.0000	1.2833	Verificato
	Pilastro N° 46	0.4969	0.4638	385.0000	1.2833	Verificato
	Pilastro N° 50	0.1569	0.6431	385.0000	1.2833	Verificato
	Parete 4-5	0.1170	0.4889	385.0000	1.2833	Verificato
	Parete 5-6	0.0493	0.5308	385.0000	1.2833	Verificato
	Parete 40-49	0.4267	0.5005	385.0000	1.2833	Verificato
Piano 2	Pilastro N° 1	0.4036	0.7857	385.0000	1.2833	Verificato
	Pilastro N° 2	0.4025	0.7349	385.0000	1.2833	Verificato
	Pilastro N° 3	0.4048	0.7004	385.0000	1.2833	Verificato
	Pilastro N° 4	0.4069	0.7103	385.0000	1.2833	Verificato
	Pilastro N° 5	0.4088	0.7566	385.0000	1.2833	Verificato
	Pilastro N° 6	0.4102	0.8267	385.0000	1.2833	Verificato
	Pilastro N° 7	0.3773	0.7857	385.0000	1.2833	Verificato
	Pilastro N° 8	0.3791	0.7348	385.0000	1.2833	Verificato
	Pilastro N° 9	0.3798	0.7002	385.0000	1.2833	Verificato
	Pilastro N° 10	0.3677	0.7859	385.0000	1.2833	Verificato
	Pilastro N° 11	0.3718	0.7347	385.0000	1.2833	Verificato
	Pilastro N° 12	0.3747	0.7002	385.0000	1.2833	Verificato
	Pilastro N° 13	0.3779	0.7099	385.0000	1.2833	Verificato
	Pilastro N° 14	0.3799	0.7573	385.0000	1.2833	Verificato
	Pilastro N° 15	0.3825	0.8276	385.0000	1.2833	Verificato
	Pilastro N° 16	0.3408	0.7858	385.0000	1.2833	Verificato
	Pilastro N° 17	0.3951	0.7006	385.0000	1.2833	Verificato
	Pilastro N° 18	0.3565	0.7857	385.0000	1.2833	Verificato
	Pilastro N° 19	0.3915	0.7005	385.0000	1.2833	Verificato
	Pilastro N° 20	0.3884	0.7095	385.0000	1.2833	Verificato
	Pilastro N° 21	0.3864	0.7579	385.0000	1.2833	Verificato
	Pilastro N° 22	0.3867	0.8285	385.0000	1.2833	Verificato
	Pilastro N° 23	0.3950	0.7857	385.0000	1.2833	Verificato
	Pilastro N° 24	0.4412	0.7004	385.0000	1.2833	Verificato
	Pilastro N° 25	0.4581	0.7858	385.0000	1.2833	Verificato
	Pilastro N° 26	0.4640	0.7003	385.0000	1.2833	Verificato
	Pilastro N° 27	0.4607	0.7112	385.0000	1.2833	Verificato
	Pilastro N° 28	0.4599	0.7272	385.0000	1.2833	Verificato
	Pilastro N° 29	0.4590	0.7563	385.0000	1.2833	Verificato
	Pilastro N° 30	0.4585	0.7925	385.0000	1.2833	Verificato
	Pilastro N° 31	0.4583	0.8294	385.0000	1.2833	Verificato
	Pilastro N° 32	0.4798	0.7272	385.0000	1.2833	Verificato
	Pilastro N° 33	0.4798	0.7594	385.0000	1.2833	Verificato
	Pilastro N° 34	0.5236	0.7860	385.0000	1.2833	Verificato
	Pilastro N° 35	0.5211	0.7002	385.0000	1.2833	Verificato
	Pilastro N° 36	0.5297	0.7101	385.0000	1.2833	Verificato
	Pilastro N° 37	0.5297	0.7271	385.0000	1.2833	Verificato
	Pilastro N° 38	0.5297	0.7595	385.0000	1.2833	Verificato
	Pilastro N° 39	0.6136	0.7864	385.0000	1.2833	Verificato
	Pilastro N° 41	0.6024	0.7107	385.0000	1.2833	Verificato
	Pilastro N° 42	0.6022	0.7694	385.0000	1.2833	Verificato
	Pilastro N° 43	0.6021	0.7933	385.0000	1.2833	Verificato
	Pilastro N° 44	0.6019	0.8302	385.0000	1.2833	Verificato
	Pilastro N° 45	0.7297	0.7840	385.0000	1.2833	Verificato
	Pilastro N° 46	0.7183	0.7061	385.0000	1.2833	Verificato
	Pilastro N° 50	0.3863	0.7821	385.0000	1.2833	Verificato
	Parete 40-49	0.6074	0.7183	385.0000	1.2833	Verificato
Piano 3	Pilastro N° 1	0.3046	0.4298	350.0000	1.1667	Verificato
	Pilastro N° 2	0.3060	0.3816	350.0000	1.1667	Verificato
	Pilastro N° 3	0.3067	0.3550	350.0000	1.1667	Verificato
	Pilastro N° 4	0.3074	0.3700	350.0000	1.1667	Verificato
	Pilastro N° 5	0.3084	0.4021	350.0000	1.1667	Verificato
	Pilastro N° 6	0.3098	0.4524	350.0000	1.1667	Verificato
	Pilastro N° 7	0.2839	0.4295	350.0000	1.1667	Verificato
	Pilastro N° 8	0.2862	0.3814	350.0000	1.1667	Verificato
	Pilastro N° 9	0.2871	0.3546	350.0000	1.1667	Verificato
	Pilastro N° 10	0.2770	0.4289	350.0000	1.1667	Verificato
	Pilastro N° 11	0.2792	0.3812	350.0000	1.1667	Verificato
	Pilastro N° 12	0.2798	0.3546	350.0000	1.1667	Verificato
	Pilastro N° 13	0.2799	0.3686	350.0000	1.1667	Verificato
	Pilastro N° 14	0.2800	0.4011	350.0000	1.1667	Verificato

	Pilastro N° 15	0.2799	0.4540	350.0000	1.1667	Verificato
	Pilastro N° 16	0.2685	0.4280	350.0000	1.1667	Verificato
	Pilastro N° 17	0.2948	0.3545	350.0000	1.1667	Verificato
	Pilastro N° 18	0.2631	0.4269	350.0000	1.1667	Verificato
	Pilastro N° 19	0.2898	0.3542	350.0000	1.1667	Verificato
	Pilastro N° 20	0.2902	0.3674	350.0000	1.1667	Verificato
	Pilastro N° 21	0.2913	0.4032	350.0000	1.1667	Verificato
	Pilastro N° 22	0.2897	0.4551	350.0000	1.1667	Verificato
	Pilastro N° 23	0.2995	0.4257	350.0000	1.1667	Verificato
	Pilastro N° 24	0.3271	0.3541	350.0000	1.1667	Verificato
	Pilastro N° 25	0.3226	0.4247	350.0000	1.1667	Verificato
	Pilastro N° 26	0.3485	0.3541	350.0000	1.1667	Verificato
	Pilastro N° 27	0.3480	0.3682	350.0000	1.1667	Verificato
	Pilastro N° 28	0.3478	0.3805	350.0000	1.1667	Verificato
	Pilastro N° 29	0.3477	0.4011	350.0000	1.1667	Verificato
	Pilastro N° 30	0.3475	0.4315	350.0000	1.1667	Verificato
	Pilastro N° 31	0.3477	0.4563	350.0000	1.1667	Verificato
	Pilastro N° 32	0.3655	0.3805	350.0000	1.1667	Verificato
	Pilastro N° 33	0.3655	0.4036	350.0000	1.1667	Verificato
	Pilastro N° 34	0.3754	0.4240	350.0000	1.1667	Verificato
	Pilastro N° 35	0.4020	0.3540	350.0000	1.1667	Verificato
	Pilastro N° 36	0.4060	0.3677	350.0000	1.1667	Verificato
	Pilastro N° 37	0.4060	0.3805	350.0000	1.1667	Verificato
	Pilastro N° 38	0.4060	0.4037	350.0000	1.1667	Verificato
	Pilastro N° 39	0.4738	0.4238	350.0000	1.1667	Verificato
	Pilastro N° 41	0.4653	0.3681	350.0000	1.1667	Verificato
	Pilastro N° 42	0.4642	0.4157	350.0000	1.1667	Verificato
	Pilastro N° 43	0.4635	0.4319	350.0000	1.1667	Verificato
	Pilastro N° 44	0.4630	0.4573	350.0000	1.1667	Verificato
	Pilastro N° 50	0.2908	0.4208	350.0000	1.1667	Verificato
	Parete 40-49	0.4716	0.3694	350.0000	1.1667	Verificato
Piano 4	Pilastro N° 20	0.2885	0.1773	300.0000	1.0000	Verificato
	Pilastro N° 21	0.2883	0.1928	300.0000	1.0000	Verificato
	Pilastro N° 27	0.1835	0.1784	300.0000	1.0000	Verificato
	Pilastro N° 29	0.1847	0.1870	300.0000	1.0000	Verificato
	Pilastro N° 30	0.1856	0.2134	300.0000	1.0000	Verificato
	Pilastro N° 32	0.1680	0.1938	300.0000	1.0000	Verificato
	Pilastro N° 33	0.1681	0.1885	300.0000	1.0000	Verificato
	Pilastro N° 37	0.1900	0.1940	300.0000	1.0000	Verificato
	Pilastro N° 38	0.1902	0.1887	300.0000	1.0000	Verificato
	Pilastro N° 41	0.2284	0.1792	300.0000	1.0000	Verificato
	Pilastro N° 42	0.2290	0.1927	300.0000	1.0000	Verificato
	Pilastro N° 43	0.2294	0.2148	300.0000	1.0000	Verificato

4.6 Verifica Elementi Bidimensionali.

4.6.1 Verifica Pareti.

4.6.1.1 Verifica Pareti Non Dissipative.

- Particolari prescrizioni per pareti non dissipative

Le pareti non dissipative sono state progettate utilizzando le sollecitazioni relative allo spettro elastico (q = 1).

Qui di seguito vengono tabellati i risultati delle verifiche delle pareti della struttura:

Verifica Resistenza massima a compressione sezione cls SLV.

Parete : numero della parete;
Imp. : numero dell'impalcato al quale appartiene la parete;
Fili : numero dei fili fissi ai quali appartiene la parete;
sp : spessore della parete;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie

stessa del calcestruzzo;
Area Sezione : area della sezione trasversale;
NEd : sforzo normale a compressione massimo di calcolo;
NRd : resistenza massima a compressione della sezione di solo calcestruzzo;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 34.I

Parete	Imp.	Fili	Sp. [cm]	Cop [cm]	Area Sezione [cm²]	NEd [daN]	Nrd [daN]	Esito
1	Piano 1	4, 5	30.0	2.0	8850	-68971	-438813	V
2	Piano 1	5, 6	30.0	2.0	12000	-109053	-595000	V
3	Piano 1	40, 49	30.0	2.0	6600	-95639	-327250	V
4	Piano 2	40, 49	30.0	2.0	6600	-63050	-327250	V
5	Piano 3	40, 49	30.0	2.0	6600	-24012	-327250	V

Verifica di Resistenza a Flessione Composta SLV.

Parete : numero della parete;
Imp. : numero dell'impalcato al quale appartiene la parete;
Fili : numero dei fili fissi ai quali appartiene la parete;
Dir : X : direzione del piano medio
Y : direzione ortogonale al piano medio
εc2 : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
εcu2 : deformazione ultima di contrazione del calcestruzzo;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
ϕ : diametro delle barre di armatura verticale;
D_{barre} : interasse tra le barre di armatura verticale;
Nsd : sforzo normale sollecitante di calcolo relativo alla combinazione di carico più gravosa;
Msd : momento sollecitante di calcolo relativo alla combinazione di carico più gravosa;
εCls : deformazione massima del calcestruzzo compresso
εacc : deformazione massima dell'armatura tesa
NRd : Sforzo Normale resistente di calcolo;
MRd : momento resistente di calcolo;
S : Coefficiente di sicurezza;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 34.II

							Armatura Verticale (Z.C.)		Armatura Verticale (Z.N.C.)		Caratteristiche di sollecitazione							
Parete	**Imp.**	**Fili**	**Dir.**	**εc2 [‰]**	**εcu2 [‰]**	**Cop [cm]**	**ϕ [mm]**	**Dbarre [cm]**	**ϕ [mm]**	**Dbarre [cm]**	**Nsd [daN]**	**Msd [daNm]**	**εcls [‰]**	**εacc [‰]**	**Nrd [daN]**	**Mrd [daNm]**	**S**	**Esito**
1	Piano 1	4, 5	X	2.00	3.50	2.0	-	-	16	15.0	-30123	-120995	2.80	10.00	-30123	-407605	3.37	V
			Y								-30123	39804	2.51	10.00	-30116	40318	1.01	V
2	Piano 1	5, 6	X	2.00	3.50	2.0	-	-	16	13.0	0	49646	2.77	10.00	0	778569	15.68	V
			Y								0	54455	2.43	10.00	5	56755	1.04	V
3	Piano 1	40, 49	X	2.00	3.50	2.0	-	-	18	10.0	-26331	366829	3.50	8.54	-26331	369599	1.01	V
			Y								-26331	23994	3.13	10.00	-26331	51780	2.16	V
4	Piano 2	40, 49	X	2.00	3.50	2.0	-	-	16	25.0	-15366	-131582	2.09	10.00	-15365	-163152	1.24	V
			Y								-15366	12260	2.09	10.00	-15365	20867	1.70	V
5	Piano 3	40, 49	X	2.00	3.50	2.0	-	-	16	25.0	-8806	-119710	2.02	10.00	-8807	-157519	1.32	V
			Y								-8806	1292	2.02	10.00	-8807	20110	15.56	V

Verifica di Resistenza a Taglio SLV

Parete : numero della parete;
Imp. : numero dell'impalcato al quale appartiene la parete;
Fili : numero dei fili fissi ai quali appartiene la parete;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;
ϕ : diametro delle barre di armatura orizzontale;
D_{barre} : interasse tra le barre di armatura orizzontale;

VSd : Taglio sollecitante di calcolo;
VRd : Taglio resistente di calcolo;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Vedi tabella 34.III

					Armatura orizzontale		Tagli		
Parete	**Imp.**	**Fili**	**Cop [cm]**	**cot(θ)**	**ϕ**	**Dbarre [cm]**	**Vsd [daN]**	**VRd [daN]**	**Esito**
1	Piano 1	4, 5	2.0	2.5	16	25.0	94575	193937	V
2	Piano 1	5, 6	2.0	2.5	16	25.0	88977	262606	V
3	Piano 1	40, 49	2.0	2.5	16	25.0	79850	144822	V
4	Piano 2	40, 49	2.0	2.5	16	25.0	58070	144668	V
5	Piano 3	40, 49	2.0	2.5	16	25.0	33469	142374	V

Verifica di Resistenza a Flessione composta SLD.

Parete : numero della parete;
Imp. : numero dell'impalcato al quale appartiene la parete;
Fili : numero dei fili fissi ai quali appartiene la parete;
Dir : X : direzione del piano medio
Y : direzione ortogonale al piano medio
εc2 : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
εcu2 : deformazione ultima di contrazione del calcestruzzo;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
ϕ : diametro delle barre di armatura verticale;
D_{barre} : interasse tra le barre di armatura verticale;
Nsd : sforzo normale sollecitante di calcolo relativo alla combinazione di carico più gravosa;
Msd : momento sollecitante di calcolo relativo alla combinazione di carico più gravosa;
εCls : deformazione massima del calcestruzzo compresso
εacc : deformazione massima dell'armatura tesa
NRd : Sforzo Normale resistente di calcolo;
MRd : momento resistente di calcolo;
S : Coefficiente di sicurezza;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 35.IV

							Armatura Verticale (Z.C.)		Armatura Verticale (Z.N.C.)		Caratteristiche di sollecitazione							
Parete	**Imp.**	**Fili**	**Dir.**	**εc2 [‰]**	**εcu2 [‰]**	**Cop [cm]**	**ϕ [mm]**	**Dbarre [cm]**	**ϕ [mm]**	**Dbarre [cm]**	**Nsd [daN]**	**Msd [daNm]**	**εcls [‰]**	**εacc [‰]**	**Nrd [daN]**	**Mrd [daNm]**	**S**	**Esito**
1	Piano 1	4, 5	X	2.00	3.50	2.0	-	-	16	15.0	-67754	-114983	2.57	10.00	-67754	-516114	4.49	V
			Y								-42351	-36583	2.27	10.00	-42353	-48268	1.32	V
2	Piano 1	5, 6	X	2.00	3.50	2.0	-	-	16	13.0	-10201	-46045	2.41	10.00	-10201	-933610	20.28	V
			Y								-61886	-50181	2.41	10.00	-61897	-73577	1.47	V
3	Piano 1	40, 49	X	2.00	3.50	2.0	-	-	18	10.0	-93215	347472	3.50	8.81	-93215	479338	1.38	V
			Y								-43940	-21876	2.99	10.00	-43953	-62052	2.84	V
4	Piano 2	40, 49	X	2.00	3.50	2.0	-	-	16	25.0	-21803	-122028	1.84	10.00	-21802	-193979	1.59	V
			Y								-50454	7818	2.09	10.00	-50455	28368	3.63	V
5	Piano 3	40, 49	X	2.00	3.50	2.0	-	-	16	25.0	-9682	95178	1.75	10.00	-9683	183195	1.92	V
			Y								-11479	1087	1.77	10.00	-11475	23752	21.85	V

Verifica di Resistenza a Taglio SLD

Parete : numero della parete;
Imp. : numero dell'impalcato al quale appartiene la parete;
Fili : numero dei fili fissi ai quali appartiene la parete;
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
cot(θ) : cotangente dell'angolo θ;
ϕ : diametro delle barre di armatura orizzontale;
D_{barre} : interasse tra le barre di armatura orizzontale;
VSd : Taglio sollecitante di calcolo;
VRd : Taglio resistente di calcolo;

Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Vedi tabella 35.V

					Armatura orizzontale		Tagli		
Parete	**Imp.**	**Fili**	**Cop [cm]**	**cot(θ)**	**ϕ**	**Dbarre [cm]**	**Vsd [daN]**	**VRd [daN]**	**Esito**
1	Piano 1	4, 5	2.0	2.5	16	25.0	89532	289689	V
2	Piano 1	5, 6	2.0	2.5	16	25.0	83489	393679	V
3	Piano 1	40, 49	2.0	2.5	16	25.0	74092	215940	V
4	Piano 2	40, 49	2.0	2.5	16	25.0	53515	215789	V
5	Piano 3	40, 49	2.0	2.5	16	25.0	28098	213322	V

4.6.2 Verifica Piastre.

4.6.2.1 Verifica Piastre in C.A..

4.6.2.1.1 Dati Generali

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
Sp. : spessore della Piastra;
Largh. Striscia : Larghezza della striscia unitaria di Piastra rispetto alla quale sono state effettuate le verifiche;
Lungh. Concio : Lunghezza del concio di Piastra rispetto alla quale sono state effettuate le verifiche a taglio;

Tabella 36.I

Piastra	Imp.	Fili	Sp. [cm]	Largh. striscia [cm]	Lungh. concio [cm]
1	Fondazione	45, 46, 49, 44, 6, 1	60	100	100

Disposizione Armature

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
Dir. : Direzione rispetto alla quale disporre le armature;
Diam. : diametro delle armature da disporre nella direzione indicata;
Inter. intrad. : interasse rispetto al quale posizionare le armature all'intradosso nella direzione indicata;
Inter. estrad. : interasse rispetto al quale posizionare le armature all'estradosso nella direzione indicata;

Tabella 36.II

Piastra	Imp.	Fili	Dir.	Diam. [mm]	Inter. intrad. [cm]	Inter. estrad. [cm]
1	Fondazione	45, 46, 49, 44, 6, 1	X	18	25.0	25.0
			Y	18	25.0	25.0

4.6.2.1.2 Verifiche SLV - Flessione.

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
RCrit : regione critica;
Dir. : direzione attorno alla quale sono valutate le caratteristiche flettenti;
εc2 : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
εcu2 : deformazione ultima di contrazione del calcestruzzo;
Msd : momento sollecitante;

εCls : deformazione massima del calcestruzzo compresso
εacc : deformazione massima dell'armatura tesa
MRd : momento resistente;
S : Coefficiente di sicurezza;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 37.I

Piastra	Imp.	Fili	RCrit	Dir.	εc2 [‰]	εcu2 [‰]	Cop. sup. [cm]	Arm. sup.	Cop. inf. [cm]	Arm. inf.	Msd [daNm]	εcls [‰]	εacc [‰]	Mrd [daNm]	S	Esito
1	Fondazione	45, 46, 49, 44, 6, 1		X	2.00	3.50	3.8	Ø 18 / 25.0	2.0	Ø 18 / 25.0	15221	0.43	1.86	20936	1.38	V
				Y	2.00	3.50	2.0	Ø 18 / 25.0	3.8	Ø 18 / 25.0	15939	0.43	1.86	20936	1.31	V

4.6.2.1.3 Verifiche SLV - Taglio

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
RCrit : regione critica;
cot(θ) : cotangente dell'angolo θ;
Diam. : diametro del braccio della staffa;
AStaffe : area di armatura a taglio da disporre nell'unità di superficie;
DLong : distanza longitudinale fra i bracci delle staffe;
DTrasv : distanza trasversale fra i bracci delle staffe;
VSd : Taglio sollecitante di calcolo;
VRd : Taglio resistente di calcolo;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 38.I

					Armature				Tagli		
Piastra	Imp.	Fili	RCrit	cot(θ)	Diam. [mm]	Dlong [cm]	Dtrasv [cm]	Area [cm²/m²]	Vsd [daN]	VRd [daN]	Esito
1	Fondazione	45, 46, 49, 44, 6, 1		2.5	10	50.0	25.6	6.12	30235	30787	V

4.6.2.1.4 Verifiche SLE - Fessurazione

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
Comb. : combinazione di carico (Caratteristica, Frequente, Quasi Permanente);
RCrit : regione critica;
Dir. : direzione dell'asse attorno al quale viene valutata la caratteristica flettente;
Msd : azione sollecitante flettente massima;
MCr : momento di prima fessurazione;
Fess. Calc. : fessura di calcolo;
Fess. Lim. : fessura limite;
S : Coefficiente di sicurezza;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 39.I

Piastra	Imp.	Fili	Comb.	RCrit	Dir.	Msd [daNm]	MCr [daNm]	Fess. Calc. [mm]	Fess. Lim. [mm]	S	Esito
1	Fondazion	45, 46, 49, 44, 6, 1	Freq.		X	5737.49	13525.07	0.00	0.40	-	V

	e										
					Y	11143.18	13525.07	0.00	0.40	-	V
			Q. Perm.		X	5626.62	13525.07	0.00	0.30	-	V
					Y	10992.94	13525.07	0.00	0.30	-	V

4.6.2.1.5 Verifiche SLE - Tensioni di Esercizio

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
Comb. : combinazione di carico (Caratteristica, Frequente, Quasi Permanente);
RCrit : regione critica;
Dir. : direzione dell'asse attorno al quale viene valutata la caratteristica flettente;
Msd : valore massimo della caratteristica flettente di calcolo;
σ_c : tensioni d'esercizio del calcestruzzo (compressione positiva);
$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
S cls : coefficiente di sicurezza per la verifica del calcestruzzo;
σ_s : tensioni d'esercizio dell'acciaio (trazione positiva);
$\sigma_{s,lim}$: Tensioni limite dell'acciaio;
S acc. : coefficiente di sicurezza per la verifica dell'acciaio;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 40.I

Piastra	Imp.	Fili	Comb.	RCrit	Dir.	Msd [daNm]	σ_c [daN/cm²]	$\sigma_{c,lim}$ [daN/cm²]	S cls	σ_s [daN/cm²]	$\sigma_{s,lim}$ [daN/cm²]	S acc.	Esito
1	Fondazione	45, 46, 49, 44, 6, 1	Caratteristica		X	6099.77	18.13	168.00	9.27	-1140.09	3600.00	3.16	V
					Y	11631.47	34.57	168.00	4.86	-2174.01	3600.00	1.66	V
			Q. Perm.		X	5626.62	16.72	126.00	7.54	-1051.66	3600.00	3.42	V
					Y	10992.94	32.67	126.00	3.86	-2054.66	3600.00	1.75	V

4.6.2.1.6 Verifiche SLD - Resistenza a Flessione.

Piastra : numero della Piastra;
Imp. : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
RCrit : regione critica;
Dir. : direzione attorno alla quale sono valutate le caratteristiche flettenti;
$\varepsilon c2$: deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
$\varepsilon cu2$: deformazione ultima di contrazione del calcestruzzo;
Msd : momento sollecitante;
εCls : deformazione massima del calcestruzzo compresso
εacc : deformazione massima dell'armatura tesa
MRd : momento resistente;
S : Coefficiente di sicurezza;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 41.I

Piastra	Imp.	Fili	RCrit	Dir.	εc2 [‰]	εcu2 [‰]	Msd [daNm]	εcls [‰]	εacc [‰]	Mrd [daNm]	S	Esito
1	Fondazione	45, 46, 49, 44, 6, 1		X	2.00	3.50	14629.56	0.90	10.00	24925.81	1.70	V
				Y	2.00	3.50	14491	0.90	10.00	24926	1.72	V

5 ALLEGATI.

5.1 ALLEGATO A (Verifica Solai e Balconi)

Descrizione del modello.

Modello e ipotesi di carico

La seguente relazione riguarda tutti i solai realizzati in cemento armato gettato in opera, a nervature parallele.
Il modello utilizzato per il calcolo delle caratteristiche della sollecitazione è quello della trave continua su più appoggi con eventuali sbalzi laterali.
Le ipotesi a cui si è fatto riferimento sono state:
- laterizi o blocchi in polistirene non collaboranti;
- nervature del solaio indipendenti tra loro;
- fascia di soletta collaborante con ogni nervatura di larghezza pari all'interasse;
- comportamento elastico-lineare della struttura.

Note le caratteristiche geometriche della sezione, i carichi permanenti e di esercizio agenti per ogni impalcato, sono stati ricavati i carichi relativi alla singola nervatura da utilizzare nel calcolo della struttura.
La risoluzione di ogni schema di carico teorico è stato eseguito con il metodo degli elementi finiti permettendo così l'analisi della struttura per le diverse condizioni di carico considerate. Per la verifica si è adottato il metodo agli stati limite.

Condizioni e combinazioni di carico.

Dallo studio delle linee di influenza della caratteristica flettente, si sono combinati i carichi ripartiti d'esercizio al fine di massimizzare le sollecitazioni di calcolo sia in campata che sugli appoggi. Si sono ricavate e quindi risolte più condizioni di carico.
Il calcolo delle azioni agenti sui solai viene effettuato con il metodo semiprobabilistico agli stati limite cumulando tra loro le azioni agenti sulla struttura nel modo più gravoso, combinando gli effetti dell'azione sismica con le altre azioni nel rispetto della normativa vigente.
I coefficienti di combinazione dei carichi permanenti e delle azioni variabili Q_{Ki}, utilizzati nelle varie combinazioni sono correlati al tipo di calcolo che si sta effettuando, se agli stati limite ultimi o di esercizio, nel rispetto del punto 2.5.3 delle N.T.C.
In ogni condizione di carico i carichi permanenti vengono considerati agenti su tutte le campate. I carichi d'esercizio si considerano agenti una volta su tutte le campate e per le altre condizioni, agiranno solo su alcune di esse in modo da rendere massime le sollecitazioni in alcune determinate sezioni della trave continua.
Per i solai a trave continua il massimo momento flettente positivo in campata, è ricavato caricando "a scacchiera", carico d'esercizio agente su campate alterne. Il massimo momento negativo su ogni appoggio viene determinato caricando "a doppia scacchiera", campate adiacenti ad ogni appoggio e le altre alterne.
L'effetto dell'azione sismica verticale sugli sbalzi è stato calcolato considerando agenti su ogni elemento a mensola e solaio inclinato un carico sismico verticale pari ad un'aliquota dei carichi gravitazionali agenti. In funzione del periodo fondamentale di vibrazione dell'elemento si ricava l'ordinata dello spettro di progetto della componente verticale e quindi la frazione dei carichi gravitazionali considerati come azioni sismiche sugli sbalzi e sugli elementi di solaio inclinati.
Ciò ha comportato la risoluzione di ulteriori due condizioni di carico dovuti ai carichi sismici verticali simmetrici perché le azioni agenti hanno segno positivo nel primo e negativo nel secondo caso.
Cumulando le azioni di calcolo, agenti sulla struttura, si sono ottenute più condizioni di carico.
Le massime sollecitazioni di progetto, sono state ricavate da un inviluppo finale delle stesse condizioni.
Assimilando gli eventuali appoggi estremi, senza sbalzo, ad un incastro cedevole si è calcolato e quindi sommato all'inviluppo un momento negativo pari ad $M^* = (1/12 : 1/20)\ P l^2_{Asta}$, con P carico distribuito sull'asta. Questo momento fittizio si considera esteso per una lunghezza $l^* = (1/5 : 1/6)\ l_{Asta} = 1/6\ l_{Asta}$. Per tenere conto dell'incremento di momento in campata, che può essere causato da perdita o riduzione di continuità sull'appoggio o da un cedimento dello stesso si è considerato un valore minimo del momento pari a:

$$M_{limite} = (Carico \cdot Luce^2) / 12$$

Procedure di verifica.

La verifica di resistenza di ogni sezione viene fatta con il metodo agli stati limite nei riguardi degli stati limite ultimi e per i solai di nuova costruzioneanche degli stati limite di esercizio.
La resistenza della sezione è data dalle caratteristiche della sollecitazione che da sole o associate causano la rottura della sezione oppure la sua continua deformazione senza ulteriore incremento della sollecitazione stessa fino al valore ultimo della deformazione.

Per ogni sezione si determina il dominio di sicurezza in funzione delle caratteristiche geometriche della sezione, dal suo comportamento meccanico e delle caratteristiche dei materiali, come indicato al par. 2.4.1.
La generica sezione, soggetta ad una determinata combinazione di sollecitazioni di carico risulta verificata quando la condizione di carico risulta interna al dominio di sicurezza della stessa garantendo un coefficiente di sicurezza dettato dalla normativa.
La verifica a taglio è stata eseguita come indicato dalla normativa vigente.
Per gli elementi che non richiedono armatura a taglio, come le nervature del solaio, si è verificato che:

$$V_{Rd} \geq V_{Sd}$$

dove:
V_{sd} : taglio sollecitante di calcolo;
V_{Rd} è il valore di calcolo dello sforzo di taglio agente.

Con riferimento all'elemento fessurato da momento flettente, la resistenza a taglio si valuta con:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c \; 0.15 \cdot \sigma_{cp}] \cdot b_W \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_W d$$

con
$k = 1 + (200 / d)^{1/2} \leq 2$
$v_{min} = 0.035k^{3/2} f_{ck}^{1/2}$

e dove
d è l'altezza utile della sezione (in mm);
$\rho_1 = A_{sl} / (b_w \cdot d)$ è il rapporto geometrico di armatura longitudinale (≤ 0.02);
$\sigma_{cp} = N_{Ed} / A_c$ è la tensione media di compressione nella sezione ($\leq 0.2\, f_{cd}$);
b_W è la larghezza minima della sezione (in mm)

come specificato al par. "Procedure di Verifica degli elementi - Elementi in C.A." della presente relazione.

Per i solai di nuova costruzione le verifiche agli stati limite d'esercizio considerate vengono di seguito specificate.
La verifica dello stato tensionale, come già descritto al par. 2.4.1, viene eseguita sfruttando le ipotesi tradizionali per il calcolo del cemento armato ordinario: assunzione dei materiali elastico lineari; conservazione delle sezioni piane al crescere dei carichi; perfetta aderenza tra acciaio e calcestruzzo; resistenza nulla a trazione del calcestruzzo.
Le verifiche dello stato tensionale vengono eseguite considerando le combinazioni di carico caratteristica, frequente, e quasi permanente.La verifica consiste nel confrontare le tensioni di calcolo con quelle limite dei materiali.
Dovendo la struttura soddisfare delle esigenze di durabilità e di funzionalità, vengono eseguite le verifiche a fessurazione e di deformabilità della struttura della singola trave continua per non avere pregiudicato il corretto funzionamento della struttura.
Viene verificato che l'ampiezza massima delle fessure sia minore di quella di progetto.
Le espressioni utilizzate per la verifica a fessurazione, sono state già commentate dettagliatamente al par. 2.4.1 della presente relazione.
Sezione per sezione viene per prima cosa verificata la presenza dell'area minima di armatura, necessaria a limitare le fessure.

$$A_s = K_c \, K f_{ct} \, A_{ct} / \sigma_s$$

Si effettua poi il calcolo dell'ampiezza delle fessure, considerando anche la parte di calcestruzzo reagente a trazione utilizzando la seguente relazione:

$$W_k = \beta S_{rm} \, \varepsilon_{sm}$$

dove W_k : ampiezza di calcolo delle fessure;
β : coefficiente di correlazione tra l'ampiezza media delle fessure ed il valore di calcolo;
S_{rm} : distanza media finale tra le fessure;
ε_{sm} : deformazione che tiene conto, nella combinazione di carico considerata, degli effetti "tension stiffening" del ritiro, etc.

Il valore di ε_{sm} si ricava dalla relazione:

$$\varepsilon_{sm} = (\sigma_s / E_s) \, [1 - \beta_1 \, \beta_2 (\sigma_{sr} / \sigma_s)^2]$$

La distanza media finale delle fessure deriva dall'espressione:

$$s_{rm} = 50 + 0.25\ k_1\ k_2(\phi\ /\ \rho_r)$$

Ulteriori verifiche vengono eseguite per il rispetto delle normative vigenti nei riguardi delle caratteristiche geometriche della sezione e dei valori di armatura minima richiesti sezione per sezione secondo la normativa in vigore.
Nelle tabelle successive vengono elencati i dati di progetto di ogni trave continua ed i risultati del calcolo, sollecitazioni di calcolo e tutte le verifiche.

Per quanto riguarda il calcolo della deformabilità dei solai si seguono le prescrizioni riportati nel punto 4.1.2.2.2 delle NTC.

- Legende -

- DATI GENERALI -

Tipo Sezione : tipologia solaio;
Hp : altezza pignatta;
LaP : larghezza pignatta;
LuP : lunghezza pignatta;
Lt : larghezza travetto;
Ht : altezza solettina collaborante;
Mat. Cls : tipo di cls (vedi 3.2);
fcd : resistenza caratteristica di calcolo del calcestruzzo;
fctd : resistenza caratteristica a trazione di calcolo del calcestruzzo;
Mat. Barre : tipo di acciaio delle barre (vedi 3.2).
fyd : resistenza di calcolo dell'acciaio;

- DATI GEOMETRICI E CARICHI -

Asta : numerazione interna dell'asta;
Luce : lunghezza dell'asta proiettata sull'orizzontale;
Car. Perm. G1 : totale dei carichi permanenti strutturali;
Car. Perm. G2 : totale dei carichi permanenti non strutturali;
Car. Acc. : totale dei carichi d'esercizio;
Sisma Vert. : valore del carico sismico, se presente.

- RISULTATI DI CALCOLO -

Asta : numerazione interna dell'asta;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
M : valore del Momento Flettente X-Z nel punto considerato;
max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo;
min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo;
N : valore dello Sforzo Normale nel punto considerato;
max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo;
min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo;
T : valore del Taglio X-Z nel punto considerato;
max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo;
min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo;
Vmax : Traslazione Z rispetto al sistema di riferimento globale.

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

Asta : numerazione interna dell'asta;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
M : valore del Momento Flettente X-Z nel punto considerato;
Azioni Sollecitanti:
- NSd : Sforzo Normale sollecitante;
- MSdXZ : Momento Flettente X-Z sollecitante di calcolo;
Azioni Resistenti:

- NRd : Sforzo Normale resistente;
- NRdXZ : Momento Flettente X-Z resistente di calcolo;
Cop : copriferro;
Aflsup : valore dell'area di armatura superiore presente nella sezione;
Aflinf : valore dell'area di armatura inferiore presente nella sezione;
S : Coefficiente di sicurezza minimo della sezione;
Esito:
- v : Verificato;
- NV : Non Verificato;

Verifiche a Taglio

Asta : numerazione interna dell'asta;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Taglio Sollecitante:
- VSdXZ : Taglio X-Z sollecitante di calcolo;

Taglio Resistente:
- VRdXZ : Taglio X-Z resistente di calcolo;

S : Coefficiente di sicurezza;
Esito:
- v : Verificato;
- NV : Non Verificato;

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

Asta : numerazione interna dell'asta;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
Comb : tipo di combinazione a cui la verifica è riferita;
Azioni Sollecitanti:
- NSd : Sforzo Normale Sollecitante;
- MSdXZ : Momento Flettente X-Z sollecitante di calcolo;
Tensioni:
- σc :tensioni d'esercizio del calcestruzzo;
- σs :tensioni d'esercizio dell'acciaio;
S : Coefficiente di sicurezza minimo della sezione;
Tensioni Limite:
- σc,lim :tensioni limite del calcestruzzo;
- σs,lim :tensioni limite dell'acciaio;
Esito:
- v : Verificato;
- NV : Non Verificato;

Fessurazione

Asta : numerazione interna dell'asta;
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
Comb : tipo di combinazione a cui la verifica è riferita;
Sollecitazione : Mxz: Momento Flettente X-Z sollecitante di calcolo;
Fessura di calcolo : Wk: apertura della fessura calcolata;
Fessura max : Wk,max: massima apertura ammissibile delle fessure;
S : Coefficiente di sicurezza;
Esito:
- v : Verificato;
- NV : Non Verificato;

Deformabilità

Asta : numerazione interna dell'asta;
Comb : tipo di combinazione a cui la verifica è riferita;
Lc : lunghezza della campata;
f/l : rapporto freccia/lunghezza;
flim : valore limite del rapporto freccia/lunghezza;
S : Coefficiente di sicurezza;
Esito:
- v : Verificato;
- NV : Non Verificato;

Dati di Progetto.

Dati Generali

Analisi dei Carichi

- Tipologie in Latero-Cemento

Nome Sezione	Hp [cm]	LaP [cm]	LuP [cm]	Lt [cm]	Ht [cm]	Mat. Cls	fcd [daN/cm²]	fctd [daN/cm²]	Mat. Barre	fyd [daN/cm²]
SLC_SOL 20+4	20.00	40.00	25.00	10.00	4.00	Cls1	113.33	11.97	Barre1	3913.04

5.1.1 Verifica Solai.

- IMP. : Piano 1

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Trave Continua N° 1 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	364.02	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-462.10	0.00	0.00	891.82	0.00	0.00
	182.01	589.66	0.00	0.00	0.00	0.00	0.00	-0.02
	364.02	0.00	-462.10	0.00	0.00	0.00	-891.82	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-328.83	0.00	0.00	634.63	0.00	0.00
	182.01	209.80	0.00	0.00	0.00	0.00	0.00	-0.01
	364.02	0.00	-328.83	0.00	0.00	0.00	-634.63	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-302.87	0.00	0.00	584.53	0.00	0.00
	182.01	193.24	0.00	0.00	0.00	0.00	0.00	-0.01
	364.02	0.00	-302.87	0.00	0.00	0.00	-584.53	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-294.22	0.00	0.00	567.83	0.00	0.00
	182.01	187.72	0.00	0.00	0.00	0.00	0.00	-0.01
	364.02	0.00	-294.22	0.00	0.00	0.00	-567.83	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-462.10	-0.92	-3023.84	2.00	4.02	2.01	6.54	V
	182.01	0.00	589.66	-0.52	3237.27	2.00	0.00	4.02	5.49	V
	364.02	0.00	-462.10	-0.92	-3023.84	2.00	4.02	2.01	6.54	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.45	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	891.82	1777.05	1.99	V
	182.01	0.00	1777.05	-	V
	364.02	891.82	1777.05	1.99	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V

	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-328.83	23.36	-427.61	150.00	3600.00	6.42	V
		182.01	0.00	209.80	7.25	-258.42	150.00	3600.00	13.93	V
		364.02	0.00	-328.83	23.36	-427.61	150.00	3600.00	6.42	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-294.22	20.90	-382.60	112.50	3600.00	5.38	V
		182.01	0.00	187.72	6.48	-231.22	112.50	3600.00	15.57	V
		364.02	0.00	-294.22	20.90	-382.60	112.50	3600.00	5.38	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		182.01	193.24	0.00	0.40	>20	V
		364.02	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		182.01	187.72	0.00	0.30	>20	V
		364.02	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	364.02	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 2 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	**Luce [cm]**	**Car. Perm. G1 [daN/m²]**	**Car. Perm. G2 [daN/m²]**	**Car. Acc. [daN/m²]**	**Sisma Vert. [daN/m²]**
1	360.00	360	200	200	0

2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-320.62	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.62	0.00	0.00	0.00	-627.00	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-286.87	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.87	0.00	0.00	0.00	-561.00	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.44	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-320.62	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.62	22.78	-416.94	150.00	3600.00	6.59	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-286.87	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.87	20.38	-373.05	112.50	3600.00	5.52	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V

1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	360.00	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 3 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	370.00	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-393.10	0.00	0.00	854.40	0.00	0.00
	185.00	609.20	0.00	0.00	0.00	0.00	0.00	-0.02
	370.00	0.00	-479.54	0.00	0.00	0.00	-907.80	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-279.74	0.00	0.00	608.00	0.00	0.00
	185.00	216.76	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-341.25	0.00	0.00	0.00	-646.00	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	

1	0.00	0.00	-257.65	0.00	0.00	560.00	0.00	0.00
	185.00	199.65	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-314.31	0.00	0.00	0.00	-595.00	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-250.29	0.00	0.00	544.00	0.00	0.00
	185.00	193.94	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-305.33	0.00	0.00	0.00	-578.00	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		**Azioni Resistenti**						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-393.10	-0.92	-3023.84	2.00	4.02	2.01	7.69	V
	185.00	0.00	609.21	-0.52	3237.27	2.00	0.00	4.02	5.31	V
	370.00	0.00	-479.54	-0.92	-3023.84	2.00	4.02	2.01	6.31	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.45	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	854.40	1777.05	2.08	V
	185.00	0.00	1777.05	-	V
	370.00	907.80	1777.05	1.96	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		**Tensioni**		**Tensioni Limite**			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-279.74	19.87	-363.77	150.00	3600.00	7.55	V
		185.00	0.00	216.76	7.49	-266.99	150.00	3600.00	13.48	V
		370.00	0.00	-341.25	24.24	-443.76	150.00	3600.00	6.19	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V

		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-250.29	17.78	-325.48	112.50	3600.00	6.33	V
		185.00	0.00	193.94	6.70	-238.88	112.50	3600.00	15.07	V
		370.00	0.00	-305.33	21.69	-397.05	112.50	3600.00	5.19	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		185.00	199.65	0.00	0.40	>20	V
		370.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		185.00	193.94	0.00	0.30	>20	V
		370.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	370.00	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 4 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	305.00	360	200	200	0
2	305.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
2	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00

	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
2	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
2	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
2	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
2	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
2	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

	Azioni Sollecitanti	Tensioni	Tensioni Limite	

Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
2		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
1	Q. Perm.	0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
2		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	305.00	0.000100	0.00200	>10	V
2		305.00	0.000100	0.00200	>10	V

- Trave Continua N° 5 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	305.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche				
	Sollecitazioni			Spost.
	M [daNm]	N [daN]	T [daN]	Vz max [cm]

Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
1	Q. Perm.	0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	305.00	0.000100	0.00200	>10	V

- Trave Continua N° 6 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	360.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-320.63	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.63	0.00	0.00	0.00	-627.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-286.88	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.88	0.00	0.00	0.00	-561.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
1	Q. Perm.	0.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	360.00	0.000100	0.00200	>10	V

- Trave Continua N° 7 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	280.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-250.76	0.00	0.00	667.50	0.00	0.00
	140.00	348.88	0.00	0.00	0.00	0.00	0.00	-0.01
	280.00	0.00	-250.76	0.00	0.00	0.00	-667.50	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	

1	0.00	0.00	-178.44	0.00	0.00	475.00	0.00	0.00
	140.00	124.13	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-178.44	0.00	0.00	0.00	-475.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-164.35	0.00	0.00	437.50	0.00	0.00
	140.00	114.33	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-164.35	0.00	0.00	0.00	-437.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-159.66	0.00	0.00	425.00	0.00	0.00
	140.00	111.07	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-159.66	0.00	0.00	0.00	-425.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		**Azioni Resistenti**						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-250.76	0.78	-1593.91	2.00	2.01	2.01	6.36	V
	140.00	0.00	348.88	0.16	1674.74	2.00	0.00	2.01	4.80	V
	280.00	0.00	-250.76	0.78	-1593.91	2.00	2.01	2.01	6.36	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	667.50	1410.44	2.11	V
	140.00	0.00	1410.44	-	V
	280.00	667.50	1410.44	2.11	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		**Tensioni**		**Tensioni Limite**			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-178.44	15.31	-450.47	150.00	3600.00	7.99	V
		140.00	0.00	124.13	5.33	-301.16	150.00	3600.00	11.95	V
		280.00	0.00	-178.44	15.31	-450.47	150.00	3600.00	7.99	V
1	Q. Perm.	0.00	0.00	-159.66	13.69	-403.05	112.50	3600.00	8.21	V
		140.00	0.00	111.07	4.77	-269.46	112.50	3600.00	13.36	V
		280.00	0.00	-159.66	13.69	-403.05	112.50	3600.00	8.21	V

Fessurazione

			Sollecitazione	**Fessura di calcolo**	**Fessura max**		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		140.00	114.33	0.00	0.40	>20	V
		280.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		140.00	111.07	0.00	0.30	>20	V
		280.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	280.00	0.000100	0.00200	>10	V

- Trave Continua N° 8 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	420.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-637.80	0.00	0.00	1041.30	0.00	0.00
	210.00	784.98	0.00	0.00	0.00	0.00	0.00	-0.03
	420.00	0.00	-637.80	0.00	0.00	0.00	-1041.30	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-453.86	0.00	0.00	741.00	0.00	0.00
	210.00	279.30	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-453.86	0.00	0.00	0.00	-741.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-418.03	0.00	0.00	682.50	0.00	0.00
	210.00	257.25	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-418.03	0.00	0.00	0.00	-682.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-406.09	0.00	0.00	663.00	0.00	0.00
	210.00	249.90	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-406.09	0.00	0.00	0.00	-663.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-637.80	-0.92	-3023.84	2.00	4.02	2.01	4.74	V
	210.00	0.00	784.98	-0.52	3237.27	2.00	0.00	4.02	4.12	V
	420.00	0.00	-637.80	-0.92	-3023.84	2.00	4.02	2.01	4.74	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito

1	0.00	1041.30	1777.05	1.71	V
	210.00	0.00	1777.05	-	V
	420.00	1041.30	1777.05	1.71	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-453.86	32.24	-590.20	150.00	3600.00	4.65	V
		210.00	0.00	279.30	9.64	-344.02	150.00	3600.00	10.46	V
		420.00	0.00	-453.86	32.24	-590.20	150.00	3600.00	4.65	V
1	Q. Perm.	0.00	0.00	-406.09	28.85	-528.08	112.50	3600.00	3.90	V
		210.00	0.00	249.90	8.63	-307.81	112.50	3600.00	11.70	V
		420.00	0.00	-406.09	28.85	-528.08	112.50	3600.00	3.90	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		210.00	257.25	0.00	0.40	>20	V
		420.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		210.00	249.90	0.00	0.30	>20	V
		420.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	420.00	0.000100	0.00200	>10	V

- Trave Continua N° 9 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	**Luce [cm]**	**Car. Perm. G1 [daN/m²]**	**Car. Perm. G2 [daN/m²]**	**Car. Acc. [daN/m²]**	**Sisma Vert. [daN/m²]**
1	210.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-122.65	0.00	0.00	480.59	0.00	0.00
	105.00	196.24	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-122.65	0.00	0.00	0.00	-480.59	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-87.28	0.00	0.00	341.99	0.00	0.00
	105.00	69.82	0.00	0.00	0.00	0.00	0.00	0.00

	210.00	0.00	-87.28	0.00	0.00	0.00	-341.99	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-80.39	0.00	0.00	315.00	0.00	0.00
	105.00	64.31	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-80.39	0.00	0.00	0.00	-315.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-78.09	0.00	0.00	306.00	0.00	0.00
	105.00	62.47	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-78.09	0.00	0.00	0.00	-306.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-122.65	0.78	-1593.91	2.00	2.01	2.01	13.00	V
	105.00	0.00	196.24	0.16	1674.74	2.00	0.00	2.01	8.53	V
	210.00	0.00	-122.65	0.78	-1593.91	2.00	2.01	2.01	13.00	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	480.59	1410.44	2.93	V
	105.00	0.00	1410.44	-	V
	210.00	480.59	1410.44	2.93	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-87.28	7.49	-220.33	150.00	3600.00	16.34	V
		105.00	0.00	69.82	3.00	-169.40	150.00	3600.00	>20	V
		210.00	0.00	-87.28	7.49	-220.33	150.00	3600.00	16.34	V
1	Q. Perm.	0.00	0.00	-78.09	6.70	-197.14	112.50	3600.00	16.80	V
		105.00	0.00	62.47	2.68	-151.56	112.50	3600.00	>20	V
		210.00	0.00	-78.09	6.70	-197.14	112.50	3600.00	16.80	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		105.00	64.31	0.00	0.40	>20	V
		210.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		105.00	62.47	0.00	0.30	>20	V
		210.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	210.00	0.000100	0.00200	>10	V

- Trave Continua N° 10 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	360.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-320.63	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.63	0.00	0.00	0.00	-627.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-286.88	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.88	0.00	0.00	0.00	-561.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	881.10	1777.05	2.02	V

	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
1	Q. Perm.	0.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	360.00	0.000100	0.00200	>10	V

- IMP. : Piano 2

Destinazione d'uso	**Ψ0i**	**Ψ1i**	**Ψ2i**
C-Aree affollate	0.7	0.7	0.6

- Trave Continua N° 11 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	**Luce [cm]**	**Car. Perm. G1 [daN/m²]**	**Car. Perm. G2 [daN/m²]**	**Car. Acc. [daN/m²]**	**Sisma Vert. [daN/m²]**
1	364.01	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-462.09	0.00	0.00	891.82	0.00	0.00
	182.01	589.65	0.00	0.00	0.00	0.00	0.00	-0.02
	364.01	0.00	-462.09	0.00	0.00	0.00	-891.82	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00

	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-328.83	0.00	0.00	634.63	0.00	0.00
	182.01	209.80	0.00	0.00	0.00	0.00	0.00	-0.01
	364.01	0.00	-328.83	0.00	0.00	0.00	-634.63	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-302.87	0.00	0.00	584.52	0.00	0.00
	182.01	193.24	0.00	0.00	0.00	0.00	0.00	-0.01
	364.01	0.00	-302.87	0.00	0.00	0.00	-584.52	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-294.21	0.00	0.00	567.82	0.00	0.00
	182.01	187.72	0.00	0.00	0.00	0.00	0.00	-0.01
	364.01	0.00	-294.21	0.00	0.00	0.00	-567.82	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-462.09	-0.92	-3023.84	2.00	4.02	2.01	6.54	V
	182.01	0.00	589.65	-0.52	3237.27	2.00	0.00	4.02	5.49	V
	364.01	0.00	-462.09	-0.92	-3023.84	2.00	4.02	2.01	6.54	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.45	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	891.82	1777.05	1.99	V
	182.01	0.00	1777.05	-	V
	364.01	891.82	1777.05	1.99	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-328.83	23.36	-427.61	150.00	3600.00	6.42	V
		182.01	0.00	209.80	7.24	-258.42	150.00	3600.00	13.93	V
		364.01	0.00	-328.83	23.36	-427.61	150.00	3600.00	6.42	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-294.21	20.90	-382.60	112.50	3600.00	5.38	V
		182.01	0.00	187.72	6.48	-231.22	112.50	3600.00	15.57	V
		364.01	0.00	-294.21	20.90	-382.60	112.50	3600.00	5.38	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		182.01	193.24	0.00	0.40	>20	V
		364.01	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		182.01	187.72	0.00	0.30	>20	V
		364.01	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	364.01	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 12 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	360.00	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-320.62	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.62	0.00	0.00	0.00	-627.00	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-286.87	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.87	0.00	0.00	0.00	-561.00	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00

	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.44	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-320.62	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.62	22.78	-416.94	150.00	3600.00	6.59	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-286.87	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.87	20.38	-373.05	112.50	3600.00	5.52	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

	Sollecitazione	**Fessura di calcolo**	**Fessura max**	

Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	360.00	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 13 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	370.00	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-393.10	0.00	0.00	854.40	0.00	0.00
	185.00	609.20	0.00	0.00	0.00	0.00	0.00	-0.02
	370.00	0.00	-479.54	0.00	0.00	0.00	-907.80	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-279.74	0.00	0.00	608.00	0.00	0.00
	185.00	216.76	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-341.25	0.00	0.00	0.00	-646.00	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00

	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-257.65	0.00	0.00	560.00	0.00	0.00
	185.00	199.65	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-314.31	0.00	0.00	0.00	-595.00	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-250.29	0.00	0.00	544.00	0.00	0.00
	185.00	193.94	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-305.33	0.00	0.00	0.00	-578.00	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		**Azioni Resistenti**						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-393.10	-0.92	-3023.84	2.00	4.02	2.01	7.69	V
	185.00	0.00	609.21	-0.52	3237.27	2.00	0.00	4.02	5.31	V
	370.00	0.00	-479.54	-0.92	-3023.84	2.00	4.02	2.01	6.31	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.45	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	854.40	1777.05	2.08	V
	185.00	0.00	1777.05	-	V
	370.00	907.80	1777.05	1.96	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-279.74	19.87	-363.77	150.00	3600.00	7.55	V
		185.00	0.00	216.76	7.49	-266.99	150.00	3600.00	13.48	V
		370.00	0.00	-341.25	24.24	-443.76	150.00	3600.00	6.19	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-250.29	17.78	-325.48	112.50	3600.00	6.33	V
		185.00	0.00	193.94	6.70	-238.88	112.50	3600.00	15.07	V
		370.00	0.00	-305.33	21.69	-397.05	112.50	3600.00	5.19	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		185.00	199.65	0.00	0.40	>20	V
		370.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		185.00	193.94	0.00	0.30	>20	V
		370.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	370.00	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 14 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	305.00	360	200	200	0
2	305.00	360	200	200	0
3	305.00	360	200	200	0
4	305.00	360	200	200	0
5	305.00	360	200	200	0
6	305.00	360	200	200	0
7	315.00	360	200	200	0
8	315.00	360	200	200	0
9	360.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
2	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
3	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
4	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
5	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
6	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
7	0.00	0.00	-331.16	0.00	0.00	760.95	0.00	0.00
	157.50	441.55	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-331.16	0.00	0.00	0.00	-760.95	0.00
8	0.00	0.00	-331.16	0.00	0.00	760.95	0.00	0.00
	157.50	441.55	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-331.16	0.00	0.00	0.00	-760.95	0.00
9	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
2	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
3	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
4	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
5	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
6	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
7	0.00	0.00	-235.66	0.00	0.00	541.50	0.00	0.00
	157.50	157.11	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-235.66	0.00	0.00	0.00	-541.50	0.00
8	0.00	0.00	-235.66	0.00	0.00	541.50	0.00	0.00
	157.50	157.11	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-235.66	0.00	0.00	0.00	-541.50	0.00
9	0.00	0.00	-320.63	0.00	0.00	627.00	0.00	0.00

	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.63	0.00	0.00	0.00	-627.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
2	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
3	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
4	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
5	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
6	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
7	0.00	0.00	-217.05	0.00	0.00	498.75	0.00	0.00
	157.50	144.70	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-217.05	0.00	0.00	0.00	-498.75	0.00
8	0.00	0.00	-217.05	0.00	0.00	498.75	0.00	0.00
	157.50	144.70	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-217.05	0.00	0.00	0.00	-498.75	0.00
9	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
2	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
3	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
4	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
5	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
6	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
7	0.00	0.00	-210.85	0.00	0.00	484.50	0.00	0.00
	157.50	140.57	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-210.85	0.00	0.00	0.00	-484.50	0.00
8	0.00	0.00	-210.85	0.00	0.00	484.50	0.00	0.00
	157.50	140.57	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-210.85	0.00	0.00	0.00	-484.50	0.00
9	0.00	0.00	-286.88	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.88	0.00	0.00	0.00	-561.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
2	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
3	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
4	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
5	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
6	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
7	0.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
	157.50	0.00	441.55	-0.52	3237.27	2.00	0.00	4.02	7.33	V
	315.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
8	0.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
	157.50	0.00	441.55	-0.52	3237.27	2.00	0.00	4.02	7.33	V
	315.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
9	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
2	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
3	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
4	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
5	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
6	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
7	0.00	760.95	1777.05	2.34	V
	157.50	0.00	1777.05	-	V
	315.00	760.95	1777.05	2.34	V
8	0.00	760.95	1777.05	2.34	V
	157.50	0.00	1777.05	-	V
	315.00	760.95	1777.05	2.34	V
9	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V

		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
2		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
3		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
4		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
5		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
6		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
7		0.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
		157.50	0.00	157.11	5.43	-193.51	150.00	3600.00	18.60	V
		315.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
8		0.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
		157.50	0.00	157.11	5.43	-193.51	150.00	3600.00	18.60	V
		315.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
9		0.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
1	Q. Perm.	0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
2		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
3		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
4		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
5		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
6		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
7		0.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
		157.50	0.00	140.57	4.85	-173.14	112.50	3600.00	>20	V
		315.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
8		0.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
		157.50	0.00	140.57	4.85	-173.14	112.50	3600.00	>20	V
		315.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
9		0.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V

Fessurazione

			Sollecitazione	**Fessura di calcolo**	**Fessura max**		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
4		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V

5		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
6		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
7		0.00	0.00	0.00	0.40	>20	V
		157.50	144.70	0.00	0.40	>20	V
		315.00	0.00	0.00	0.40	>20	V
8		0.00	0.00	0.00	0.40	>20	V
		157.50	144.70	0.00	0.40	>20	V
		315.00	0.00	0.00	0.40	>20	V
9		0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
4		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
5		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
6		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
7		0.00	0.00	0.00	0.30	>20	V
		157.50	140.57	0.00	0.30	>20	V
		315.00	0.00	0.00	0.30	>20	V
8		0.00	0.00	0.00	0.30	>20	V
		157.50	140.57	0.00	0.30	>20	V
		315.00	0.00	0.00	0.30	>20	V
9		0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	305.00	0.000100	0.00200	>10	V
2		305.00	0.000100	0.00200	>10	V
3		305.00	0.000100	0.00200	>10	V
4		305.00	0.000100	0.00200	>10	V
5		305.00	0.000100	0.00200	>10	V
6		305.00	0.000100	0.00200	>10	V
7		315.00	0.000100	0.00200	>10	V
8		315.00	0.000100	0.00200	>10	V
9		360.00	0.000100	0.00200	>10	V

- Trave Continua N° 15 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	305.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
1	Q. Perm.	0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	305.00	0.000100	0.00200	>10	V

- Trave Continua N° 16 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	360.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-320.63	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.63	0.00	0.00	0.00	-627.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-286.88	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.88	0.00	0.00	0.00	-561.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
1	Q. Perm.	0.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	360.00	0.000100	0.00200	>10	V

- Trave Continua N° 17 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	280.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-250.76	0.00	0.00	667.50	0.00	0.00
	140.00	348.88	0.00	0.00	0.00	0.00	0.00	-0.01
	280.00	0.00	-250.76	0.00	0.00	0.00	-667.50	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-178.44	0.00	0.00	475.00	0.00	0.00
	140.00	124.13	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-178.44	0.00	0.00	0.00	-475.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-164.35	0.00	0.00	437.50	0.00	0.00
	140.00	114.33	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-164.35	0.00	0.00	0.00	-437.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-159.66	0.00	0.00	425.00	0.00	0.00
	140.00	111.07	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-159.66	0.00	0.00	0.00	-425.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-250.76	0.78	-1593.91	2.00	2.01	2.01	6.36	V
	140.00	0.00	348.88	0.16	1674.74	2.00	0.00	2.01	4.80	V
	280.00	0.00	-250.76	0.78	-1593.91	2.00	2.01	2.01	6.36	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	667.50	1410.44	2.11	V
	140.00	0.00	1410.44	-	V
	280.00	667.50	1410.44	2.11	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-178.44	15.31	-450.47	150.00	3600.00	7.99	V
		140.00	0.00	124.13	5.33	-301.16	150.00	3600.00	11.95	V
		280.00	0.00	-178.44	15.31	-450.47	150.00	3600.00	7.99	V
1	Q. Perm.	0.00	0.00	-159.66	13.69	-403.05	112.50	3600.00	8.21	V
		140.00	0.00	111.07	4.77	-269.46	112.50	3600.00	13.36	V
		280.00	0.00	-159.66	13.69	-403.05	112.50	3600.00	8.21	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		140.00	114.33	0.00	0.40	>20	V
		280.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		140.00	111.07	0.00	0.30	>20	V
		280.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	280.00	0.000100	0.00200	>10	V

- Trave Continua N° 18 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	420.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-637.80	0.00	0.00	1041.30	0.00	0.00
	210.00	784.98	0.00	0.00	0.00	0.00	0.00	-0.03
	420.00	0.00	-637.80	0.00	0.00	0.00	-1041.30	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-453.86	0.00	0.00	741.00	0.00	0.00
	210.00	279.30	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-453.86	0.00	0.00	0.00	-741.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-418.03	0.00	0.00	682.50	0.00	0.00
	210.00	257.25	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-418.03	0.00	0.00	0.00	-682.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-406.09	0.00	0.00	663.00	0.00	0.00
	210.00	249.90	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-406.09	0.00	0.00	0.00	-663.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-637.80	-0.92	-3023.84	2.00	4.02	2.01	4.74	V
	210.00	0.00	784.98	-0.52	3237.27	2.00	0.00	4.02	4.12	V
	420.00	0.00	-637.80	-0.92	-3023.84	2.00	4.02	2.01	4.74	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	1041.30	1777.05	1.71	V
	210.00	0.00	1777.05	-	V
	420.00	1041.30	1777.05	1.71	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-453.86	32.24	-590.20	150.00	3600.00	4.65	V
		210.00	0.00	279.30	9.64	-344.02	150.00	3600.00	10.46	V
		420.00	0.00	-453.86	32.24	-590.20	150.00	3600.00	4.65	V
1	Q. Perm.	0.00	0.00	-406.09	28.85	-528.08	112.50	3600.00	3.90	V
		210.00	0.00	249.90	8.63	-307.81	112.50	3600.00	11.70	V
		420.00	0.00	-406.09	28.85	-528.08	112.50	3600.00	3.90	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		210.00	257.25	0.00	0.40	>20	V
		420.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		210.00	249.90	0.00	0.30	>20	V
		420.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	420.00	0.000100	0.00200	>10	V

- Trave Continua N° 19 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	210.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-122.65	0.00	0.00	480.59	0.00	0.00
	105.00	196.24	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-122.65	0.00	0.00	0.00	-480.59	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-87.28	0.00	0.00	341.99	0.00	0.00
	105.00	69.82	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-87.28	0.00	0.00	0.00	-341.99	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-80.39	0.00	0.00	315.00	0.00	0.00
	105.00	64.31	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-80.39	0.00	0.00	0.00	-315.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-78.09	0.00	0.00	306.00	0.00	0.00
	105.00	62.47	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-78.09	0.00	0.00	0.00	-306.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-122.65	0.78	-1593.91	2.00	2.01	2.01	13.00	V
	105.00	0.00	196.24	0.16	1674.74	2.00	0.00	2.01	8.53	V
	210.00	0.00	-122.65	0.78	-1593.91	2.00	2.01	2.01	13.00	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	480.59	1410.44	2.93	V
	105.00	0.00	1410.44	-	V
	210.00	480.59	1410.44	2.93	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-87.28	7.49	-220.33	150.00	3600.00	16.34	V
		105.00	0.00	69.82	3.00	-169.40	150.00	3600.00	>20	V
		210.00	0.00	-87.28	7.49	-220.33	150.00	3600.00	16.34	V
1	Q. Perm.	0.00	0.00	-78.09	6.70	-197.14	112.50	3600.00	16.80	V
		105.00	0.00	62.47	2.68	-151.56	112.50	3600.00	>20	V
		210.00	0.00	-78.09	6.70	-197.14	112.50	3600.00	16.80	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		105.00	64.31	0.00	0.40	>20	V
		210.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		105.00	62.47	0.00	0.30	>20	V
		210.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	210.00	0.000100	0.00200	>10	V

- IMP. : Piano 3

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Trave Continua N° 20 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	364.01	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-462.09	0.00	0.00	891.82	0.00	0.00
	182.01	589.65	0.00	0.00	0.00	0.00	0.00	-0.02
	364.01	0.00	-462.09	0.00	0.00	0.00	-891.82	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-328.83	0.00	0.00	634.63	0.00	0.00
	182.01	209.80	0.00	0.00	0.00	0.00	0.00	-0.01
	364.01	0.00	-328.83	0.00	0.00	0.00	-634.63	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00

	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-302.87	0.00	0.00	584.52	0.00	0.00
	182.01	193.24	0.00	0.00	0.00	0.00	0.00	-0.01
	364.01	0.00	-302.87	0.00	0.00	0.00	-584.52	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-294.21	0.00	0.00	567.82	0.00	0.00
	182.01	187.72	0.00	0.00	0.00	0.00	0.00	-0.01
	364.01	0.00	-294.21	0.00	0.00	0.00	-567.82	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-462.09	-0.92	-3023.84	2.00	4.02	2.01	6.54	V
	182.01	0.00	589.65	-0.52	3237.27	2.00	0.00	4.02	5.49	V
	364.01	0.00	-462.09	-0.92	-3023.84	2.00	4.02	2.01	6.54	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.45	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	891.82	1777.05	1.99	V
	182.01	0.00	1777.05	-	V
	364.01	891.82	1777.05	1.99	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito

1	Caratteristica	0.00	0.00	-328.83	23.36	-427.61	150.00	3600.00	6.42	V
		182.01	0.00	209.80	7.24	-258.42	150.00	3600.00	13.93	V
		364.01	0.00	-328.83	23.36	-427.61	150.00	3600.00	6.42	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-294.21	20.90	-382.60	112.50	3600.00	5.38	V
		182.01	0.00	187.72	6.48	-231.22	112.50	3600.00	15.57	V
		364.01	0.00	-294.21	20.90	-382.60	112.50	3600.00	5.38	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	**Fessura di calcolo**	**Fessura max**		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		182.01	193.24	0.00	0.40	>20	V
		364.01	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		182.01	187.72	0.00	0.30	>20	V
		364.01	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	364.01	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 21 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	**Luce [cm]**	**Car. Perm. G1 [daN/m²]**	**Car. Perm. G2 [daN/m²]**	**Car. Acc. [daN/m²]**	**Sisma Vert. [daN/m²]**
1	360.00	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-320.62	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.62	0.00	0.00	0.00	-627.00	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-286.87	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.87	0.00	0.00	0.00	-561.00	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V

	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.44	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-320.62	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.62	22.78	-416.94	150.00	3600.00	6.59	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-286.87	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.87	20.38	-373.05	112.50	3600.00	5.52	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	360.00	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 22 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	370.00	360	200	200	0
2	365.00	360	200	200	0
3	490.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-393.10	0.00	0.00	854.40	0.00	0.00
	185.00	609.20	0.00	0.00	0.00	0.00	0.00	-0.02
	370.00	0.00	-479.54	0.00	0.00	0.00	-907.80	0.00
2	0.00	0.00	-464.94	0.00	0.00	894.45	0.00	0.00
	182.50	592.85	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-464.94	0.00	0.00	0.00	-894.45	0.00
3	0.00	0.00	-896.73	0.00	0.00	1228.20	0.00	0.00
	245.00	1068.44	0.00	0.00	0.00	0.00	0.00	-0.06
	490.00	0.00	-896.73	0.00	0.00	0.00	-1228.20	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-279.74	0.00	0.00	608.00	0.00	0.00
	185.00	216.76	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-341.25	0.00	0.00	0.00	-646.00	0.00
2	0.00	0.00	-330.86	0.00	0.00	636.50	0.00	0.00
	182.50	210.94	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-330.86	0.00	0.00	0.00	-636.50	0.00
3	0.00	0.00	-638.12	0.00	0.00	874.00	0.00	0.00
	245.00	380.16	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-638.12	0.00	0.00	0.00	-874.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-257.65	0.00	0.00	560.00	0.00	0.00
	185.00	199.65	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-314.31	0.00	0.00	0.00	-595.00	0.00
2	0.00	0.00	-304.74	0.00	0.00	586.25	0.00	0.00
	182.50	194.29	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-304.74	0.00	0.00	0.00	-586.25	0.00
3	0.00	0.00	-587.74	0.00	0.00	805.00	0.00	0.00
	245.00	350.15	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-587.74	0.00	0.00	0.00	-805.00	0.00

Stato Limite di Esercizio - Quasi Permanenti

		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-250.29	0.00	0.00	544.00	0.00	0.00
	185.00	193.94	0.00	0.00	0.00	0.00	0.00	-0.01
	370.00	0.00	-305.33	0.00	0.00	0.00	-578.00	0.00
2	0.00	0.00	-296.03	0.00	0.00	569.50	0.00	0.00
	182.50	188.74	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-296.03	0.00	0.00	0.00	-569.50	0.00
3	0.00	0.00	-570.95	0.00	0.00	782.00	0.00	0.00
	245.00	340.14	0.00	0.00	0.00	0.00	0.00	-0.04
	490.00	0.00	-570.95	0.00	0.00	0.00	-782.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-393.10	-0.92	-3023.84	2.00	4.02	2.01	7.69	V
	185.00	0.00	609.21	-0.52	3237.27	2.00	0.00	4.02	5.31	V
	370.00	0.00	-479.54	-0.92	-3023.84	2.00	4.02	2.01	6.31	V
2	0.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
	182.50	0.00	592.85	-0.52	3237.27	2.00	0.00	4.02	5.46	V
	365.00	0.00	-464.94	-0.92	-3023.84	2.00	4.02	2.01	6.50	V
3	0.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V
	245.00	0.00	1068.45	-0.52	3237.27	2.00	0.00	4.02	3.03	V
	490.00	0.00	-896.73	-0.92	-3023.84	2.00	4.02	2.01	3.37	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	854.40	1777.05	2.08	V
	185.00	0.00	1777.05	-	V
	370.00	907.80	1777.05	1.96	V
2	0.00	894.45	1777.05	1.99	V
	182.50	0.00	1777.05	-	V
	365.00	894.45	1777.05	1.99	V
3	0.00	1228.20	1777.05	1.45	V
	245.00	0.00	1777.05	-	V
	490.00	1228.20	1777.05	1.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-279.74	19.87	-363.77	150.00	3600.00	7.55	V
		185.00	0.00	216.76	7.49	-266.99	150.00	3600.00	13.48	V
		370.00	0.00	-341.25	24.24	-443.76	150.00	3600.00	6.19	V
2		0.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
		182.50	0.00	210.94	7.28	-259.82	150.00	3600.00	13.86	V
		365.00	0.00	-330.86	23.50	-430.25	150.00	3600.00	6.38	V
3		0.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
		245.00	0.00	380.16	13.13	-468.25	150.00	3600.00	7.69	V
		490.00	0.00	-638.12	45.33	-829.82	150.00	3600.00	3.31	V
1	Q. Perm.	0.00	0.00	-250.29	17.78	-325.48	112.50	3600.00	6.33	V
		185.00	0.00	193.94	6.70	-238.88	112.50	3600.00	15.07	V
		370.00	0.00	-305.33	21.69	-397.05	112.50	3600.00	5.19	V
2		0.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
		182.50	0.00	188.74	6.52	-232.47	112.50	3600.00	15.49	V
		365.00	0.00	-296.03	21.03	-384.96	112.50	3600.00	5.35	V
3		0.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V
		245.00	0.00	340.14	11.75	-418.96	112.50	3600.00	8.59	V
		490.00	0.00	-570.95	40.56	-742.47	112.50	3600.00	2.77	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		185.00	199.65	0.00	0.40	>20	V
		370.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		182.50	194.29	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		245.00	350.15	0.00	0.40	>20	V
		490.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		185.00	193.94	0.00	0.30	>20	V
		370.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		182.50	188.74	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		245.00	340.14	0.00	0.30	>20	V
		490.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	370.00	0.000100	0.00200	>10	V
2		365.00	0.000100	0.00200	>10	V
3		490.00	0.000100	0.00200	>10	V

- Trave Continua N° 23 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	305.00	360	200	200	0
2	305.00	360	200	200	0
3	305.00	360	200	200	0
4	305.00	360	200	200	0
5	305.00	360	200	200	0
6	305.00	360	200	200	0
7	315.00	360	200	200	0
8	315.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
2	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
3	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00

4	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
5	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
6	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
7	0.00	0.00	-331.16	0.00	0.00	760.95	0.00	0.00
	157.50	441.55	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-331.16	0.00	0.00	0.00	-760.95	0.00
8	0.00	0.00	-331.16	0.00	0.00	760.95	0.00	0.00
	157.50	441.55	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-331.16	0.00	0.00	0.00	-760.95	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
2	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
3	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
4	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
5	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
6	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
7	0.00	0.00	-235.66	0.00	0.00	541.50	0.00	0.00
	157.50	157.11	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-235.66	0.00	0.00	0.00	-541.50	0.00
8	0.00	0.00	-235.66	0.00	0.00	541.50	0.00	0.00
	157.50	157.11	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-235.66	0.00	0.00	0.00	-541.50	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
2	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
3	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
4	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
5	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
6	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
7	0.00	0.00	-217.05	0.00	0.00	498.75	0.00	0.00
	157.50	144.70	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-217.05	0.00	0.00	0.00	-498.75	0.00

8	0.00	0.00	-217.05	0.00	0.00	498.75	0.00	0.00
	157.50	144.70	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-217.05	0.00	0.00	0.00	-498.75	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
2	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
3	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
4	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
5	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
6	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
7	0.00	0.00	-210.85	0.00	0.00	484.50	0.00	0.00
	157.50	140.57	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-210.85	0.00	0.00	0.00	-484.50	0.00
8	0.00	0.00	-210.85	0.00	0.00	484.50	0.00	0.00
	157.50	140.57	0.00	0.00	0.00	0.00	0.00	-0.01
	315.00	0.00	-210.85	0.00	0.00	0.00	-484.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		**Azioni Resistenti**						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
2	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
3	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
4	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
5	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
6	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
7	0.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
	157.50	0.00	441.55	-0.52	3237.27	2.00	0.00	4.02	7.33	V
	315.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
8	0.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V
	157.50	0.00	441.55	-0.52	3237.27	2.00	0.00	4.02	7.33	V
	315.00	0.00	-331.16	-0.92	-3023.84	2.00	4.02	2.01	9.13	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	734.25	1777.05	2.42	V

	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
2	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
3	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
4	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
5	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
6	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
7	0.00	760.95	1777.05	2.34	V
	157.50	0.00	1777.05	-	V
	315.00	760.95	1777.05	2.34	V
8	0.00	760.95	1777.05	2.34	V
	157.50	0.00	1777.05	-	V
	315.00	760.95	1777.05	2.34	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
2		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
3		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
4		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
5		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
6		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
7		0.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
		157.50	0.00	157.11	5.43	-193.51	150.00	3600.00	18.60	V
		315.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
8		0.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
		157.50	0.00	157.11	5.43	-193.51	150.00	3600.00	18.60	V
		315.00	0.00	-235.66	16.74	-306.45	150.00	3600.00	8.96	V
1	Q. Perm.	0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
2		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
3		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
4		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
5		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
6		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V

		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
7		0.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
		157.50	0.00	140.57	4.85	-173.14	112.50	3600.00	>20	V
		315.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
8		0.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V
		157.50	0.00	140.57	4.85	-173.14	112.50	3600.00	>20	V
		315.00	0.00	-210.85	14.98	-274.19	112.50	3600.00	7.51	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
3		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
4		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
5		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
6		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
7		0.00	0.00	0.00	0.40	>20	V
		157.50	144.70	0.00	0.40	>20	V
		315.00	0.00	0.00	0.40	>20	V
8		0.00	0.00	0.00	0.40	>20	V
		157.50	144.70	0.00	0.40	>20	V
		315.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
3		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
4		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
5		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
6		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
7		0.00	0.00	0.00	0.30	>20	V
		157.50	140.57	0.00	0.30	>20	V
		315.00	0.00	0.00	0.30	>20	V
8		0.00	0.00	0.00	0.30	>20	V
		157.50	140.57	0.00	0.30	>20	V
		315.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	305.00	0.000100	0.00200	>10	V
2		305.00	0.000100	0.00200	>10	V
3		305.00	0.000100	0.00200	>10	V

4		305.00	0.000100	0.00200	>10	V
5		305.00	0.000100	0.00200	>10	V
6		305.00	0.000100	0.00200	>10	V
7		315.00	0.000100	0.00200	>10	V
8		315.00	0.000100	0.00200	>10	V

- Trave Continua N° 24 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	305.00	360	200	200	0
2	305.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00
2	0.00	0.00	-307.08	0.00	0.00	734.25	0.00	0.00
	152.50	413.96	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-307.08	0.00	0.00	0.00	-734.25	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00
2	0.00	0.00	-218.52	0.00	0.00	522.50	0.00	0.00
	152.50	147.29	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-218.52	0.00	0.00	0.00	-522.50	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00
2	0.00	0.00	-201.27	0.00	0.00	481.25	0.00	0.00
	152.50	135.66	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-201.27	0.00	0.00	0.00	-481.25	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00
2	0.00	0.00	-195.52	0.00	0.00	467.50	0.00	0.00
	152.50	131.79	0.00	0.00	0.00	0.00	0.00	-0.01
	305.00	0.00	-195.52	0.00	0.00	0.00	-467.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
2	0.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V
	152.50	0.00	413.96	-0.52	3237.27	2.00	0.00	4.02	7.82	V
	305.00	0.00	-307.08	-0.92	-3023.84	2.00	4.02	2.01	9.85	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V
2	0.00	734.25	1777.05	2.42	V
	152.50	0.00	1777.05	-	V
	305.00	734.25	1777.05	2.42	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
2		0.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
		152.50	0.00	147.29	5.09	-181.42	150.00	3600.00	19.84	V
		305.00	0.00	-218.52	15.52	-284.16	150.00	3600.00	9.66	V
1	Q. Perm.	0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
2		0.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V
		152.50	0.00	131.79	4.55	-162.32	112.50	3600.00	>20	V
		305.00	0.00	-195.52	13.89	-254.25	112.50	3600.00	8.10	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		152.50	135.66	0.00	0.40	>20	V
		305.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		152.50	131.79	0.00	0.30	>20	V
		305.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	305.00	0.000100	0.00200	>10	V
2		305.00	0.000100	0.00200	>10	V

- Trave Continua N° 25 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	360.00	360	200	200	0
2	135.00	360	100	400	122

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-450.56	0.00	0.00	881.10	0.00	0.00
	180.00	576.72	0.00	0.00	0.00	0.00	0.00	-0.02
	360.00	0.00	-450.56	0.00	0.00	0.00	-881.10	0.00
2	0.00	0.00	-483.29	0.00	0.00	803.92	0.00	0.00
	67.50	0.00	-152.62	0.00	0.00	452.20	0.00	-0.01
	135.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-320.63	0.00	0.00	627.00	0.00	0.00
	180.00	205.20	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-320.63	0.00	0.00	0.00	-627.00	0.00
2	0.00	0.00	-310.20	0.00	0.00	516.00	0.00	0.00
	67.50	0.00	-97.96	0.00	0.00	290.25	0.00	0.00
	135.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-295.31	0.00	0.00	577.50	0.00	0.00
	180.00	189.00	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-295.31	0.00	0.00	0.00	-577.50	0.00
2	0.00	0.00	-266.92	0.00	0.00	444.00	0.00	0.00
	67.50	0.00	-84.29	0.00	0.00	249.75	0.00	0.00
	135.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-286.88	0.00	0.00	561.00	0.00	0.00
	180.00	183.60	0.00	0.00	0.00	0.00	0.00	-0.01
	360.00	0.00	-286.88	0.00	0.00	0.00	-561.00	0.00
2	0.00	0.00	-252.49	0.00	0.00	420.00	0.00	0.00
	67.50	0.00	-79.73	0.00	0.00	236.25	0.00	0.00
	135.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

	Azioni Sollecitanti	Azioni Resistenti	

Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
	180.00	0.00	576.72	-0.52	3237.27	2.00	0.00	4.02	5.61	V
	360.00	0.00	-450.56	-0.92	-3023.84	2.00	4.02	2.01	6.71	V
2	0.00	0.00	-483.29	-0.92	-3023.84	2.00	4.02	2.01	6.26	V
	67.50	0.00	-152.62	0.78	-1593.91	2.00	2.01	2.01	10.44	V
	135.00	0.00	0.00	0.00	0.00	2.00	2.01	2.01	-	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	881.10	1777.05	2.02	V
	180.00	0.00	1777.05	-	V
	360.00	881.10	1777.05	2.02	V
2	0.00	803.92	1777.05	2.21	V
	67.50	452.20	1410.44	3.12	V
	135.00	0.00	1410.44	-	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
		180.00	0.00	205.20	7.09	-252.75	150.00	3600.00	14.24	V
		360.00	0.00	-320.63	22.78	-416.94	150.00	3600.00	6.59	V
2		0.00	0.00	-310.20	22.04	-403.39	150.00	3600.00	6.81	V
		67.50	0.00	-97.96	8.40	-247.30	150.00	3600.00	14.56	V
		135.00	0.00	0.00	0.00	0.00	150.00	3600.00	>20	V
1	Q. Perm.	0.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V
		180.00	0.00	183.60	6.34	-226.14	112.50	3600.00	15.92	V
		360.00	0.00	-286.88	20.38	-373.05	112.50	3600.00	5.52	V
2		0.00	0.00	-252.49	17.94	-328.34	112.50	3600.00	6.27	V
		67.50	0.00	-79.73	6.84	-201.29	112.50	3600.00	16.45	V
		135.00	0.00	0.00	0.00	0.00	112.50	3600.00	>20	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		180.00	189.00	0.00	0.40	>20	V
		360.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		67.50	0.00	0.00	0.40	>20	V
		135.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		180.00	183.60	0.00	0.30	>20	V
		360.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		67.50	0.00	0.00	0.30	>20	V
		135.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	360.00	0.000100	0.00200	>10	V
2		135.00	0.000100	0.00200	>10	V

- Trave Continua N° 26 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	280.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-250.76	0.00	0.00	667.50	0.00	0.00
	140.00	348.88	0.00	0.00	0.00	0.00	0.00	-0.01
	280.00	0.00	-250.76	0.00	0.00	0.00	-667.50	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-178.44	0.00	0.00	475.00	0.00	0.00
	140.00	124.13	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-178.44	0.00	0.00	0.00	-475.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-164.35	0.00	0.00	437.50	0.00	0.00
	140.00	114.33	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-164.35	0.00	0.00	0.00	-437.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-159.66	0.00	0.00	425.00	0.00	0.00
	140.00	111.07	0.00	0.00	0.00	0.00	0.00	0.00
	280.00	0.00	-159.66	0.00	0.00	0.00	-425.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-250.76	0.78	-1593.91	2.00	2.01	2.01	6.36	V
	140.00	0.00	348.88	0.16	1674.74	2.00	0.00	2.01	4.80	V
	280.00	0.00	-250.76	0.78	-1593.91	2.00	2.01	2.01	6.36	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	667.50	1410.44	2.11	V
	140.00	0.00	1410.44	-	V
	280.00	667.50	1410.44	2.11	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-178.44	15.31	-450.47	150.00	3600.00	7.99	V
		140.00	0.00	124.13	5.33	-301.16	150.00	3600.00	11.95	V
		280.00	0.00	-178.44	15.31	-450.47	150.00	3600.00	7.99	V
1	Q. Perm.	0.00	0.00	-159.66	13.69	-403.05	112.50	3600.00	8.21	V
		140.00	0.00	111.07	4.77	-269.46	112.50	3600.00	13.36	V
		280.00	0.00	-159.66	13.69	-403.05	112.50	3600.00	8.21	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		140.00	114.33	0.00	0.40	>20	V
		280.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		140.00	111.07	0.00	0.30	>20	V
		280.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	280.00	0.000100	0.00200	>10	V

- Trave Continua N° 27 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	420.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-637.80	0.00	0.00	1041.30	0.00	0.00
	210.00	784.98	0.00	0.00	0.00	0.00	0.00	-0.03
	420.00	0.00	-637.80	0.00	0.00	0.00	-1041.30	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-453.86	0.00	0.00	741.00	0.00	0.00
	210.00	279.30	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-453.86	0.00	0.00	0.00	-741.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-418.03	0.00	0.00	682.50	0.00	0.00
	210.00	257.25	0.00	0.00	0.00	0.00	0.00	-0.02

	420.00	0.00	-418.03	0.00	0.00	0.00	-682.50	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-406.09	0.00	0.00	663.00	0.00	0.00
	210.00	249.90	0.00	0.00	0.00	0.00	0.00	-0.02
	420.00	0.00	-406.09	0.00	0.00	0.00	-663.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-637.80	-0.92	-3023.84	2.00	4.02	2.01	4.74	V
	210.00	0.00	784.98	-0.52	3237.27	2.00	0.00	4.02	4.12	V
	420.00	0.00	-637.80	-0.92	-3023.84	2.00	4.02	2.01	4.74	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	1041.30	1777.05	1.71	V
	210.00	0.00	1777.05	-	V
	420.00	1041.30	1777.05	1.71	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-453.86	32.24	-590.20	150.00	3600.00	4.65	V
		210.00	0.00	279.30	9.64	-344.02	150.00	3600.00	10.46	V
		420.00	0.00	-453.86	32.24	-590.20	150.00	3600.00	4.65	V
1	Q. Perm.	0.00	0.00	-406.09	28.85	-528.08	112.50	3600.00	3.90	V
		210.00	0.00	249.90	8.63	-307.81	112.50	3600.00	11.70	V
		420.00	0.00	-406.09	28.85	-528.08	112.50	3600.00	3.90	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		210.00	257.25	0.00	0.40	>20	V
		420.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		210.00	249.90	0.00	0.30	>20	V
		420.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	420.00	0.000100	0.00200	>10	V

- Trave Continua N° 28 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	210.00	360	200	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-122.65	0.00	0.00	480.59	0.00	0.00
	105.00	196.24	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-122.65	0.00	0.00	0.00	-480.59	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-87.28	0.00	0.00	341.99	0.00	0.00
	105.00	69.82	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-87.28	0.00	0.00	0.00	-341.99	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-80.39	0.00	0.00	315.00	0.00	0.00
	105.00	64.31	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-80.39	0.00	0.00	0.00	-315.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-78.09	0.00	0.00	306.00	0.00	0.00
	105.00	62.47	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-78.09	0.00	0.00	0.00	-306.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-122.65	0.78	-1593.91	2.00	2.01	2.01	13.00	V
	105.00	0.00	196.24	0.16	1674.74	2.00	0.00	2.01	8.53	V
	210.00	0.00	-122.65	0.78	-1593.91	2.00	2.01	2.01	13.00	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	480.59	1410.44	2.93	V
	105.00	0.00	1410.44	-	V
	210.00	480.59	1410.44	2.93	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-87.28	7.49	-220.33	150.00	3600.00	16.34	V
		105.00	0.00	69.82	3.00	-169.40	150.00	3600.00	>20	V
		210.00	0.00	-87.28	7.49	-220.33	150.00	3600.00	16.34	V
1	Q. Perm.	0.00	0.00	-78.09	6.70	-197.14	112.50	3600.00	16.80	V
		105.00	0.00	62.47	2.68	-151.56	112.50	3600.00	>20	V
		210.00	0.00	-78.09	6.70	-197.14	112.50	3600.00	16.80	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		105.00	64.31	0.00	0.40	>20	V
		210.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		105.00	62.47	0.00	0.30	>20	V
		210.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	210.00	0.000100	0.00200	>10	V

- IMP. : Piano 4

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Trave Continua N° 29 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	365.00	360	100	200	0
2	210.00	360	100	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-399.65	0.00	0.00	768.83	0.00	0.00
	182.50	509.59	0.00	0.00	0.00	0.00	0.00	-0.02
	365.00	0.00	-399.65	0.00	0.00	0.00	-768.83	0.00
2	0.00	0.00	-105.42	0.00	0.00	413.09	0.00	0.00
	105.00	168.68	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-105.42	0.00	0.00	0.00	-413.09	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	

1	0.00	0.00	-287.33	0.00	0.00	552.75	0.00	0.00
	182.50	183.19	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-287.33	0.00	0.00	0.00	-552.75	0.00
2	0.00	0.00	-75.79	0.00	0.00	297.00	0.00	0.00
	105.00	60.64	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-75.79	0.00	0.00	0.00	-297.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-261.21	0.00	0.00	502.50	0.00	0.00
	182.50	166.53	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-261.21	0.00	0.00	0.00	-502.50	0.00
2	0.00	0.00	-68.90	0.00	0.00	270.00	0.00	0.00
	105.00	55.12	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-68.90	0.00	0.00	0.00	-270.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						**Spost.**
		M [daNm]		**N [daN]**		**T [daN]**		**Vz max [cm]**
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-252.50	0.00	0.00	485.75	0.00	0.00
	182.50	160.98	0.00	0.00	0.00	0.00	0.00	-0.01
	365.00	0.00	-252.50	0.00	0.00	0.00	-485.75	0.00
2	0.00	0.00	-66.61	0.00	0.00	261.00	0.00	0.00
	105.00	53.29	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-66.61	0.00	0.00	0.00	-261.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		**Azioni Resistenti**						
Asta	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop.[cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
1	0.00	0.00	-399.65	-0.92	-3023.84	2.00	4.02	2.01	7.57	V
	182.50	0.00	509.59	-0.52	3237.27	2.00	0.00	4.02	6.35	V
	365.00	0.00	-399.65	-0.92	-3023.84	2.00	4.02	2.01	7.57	V
2	0.00	0.00	-105.42	0.78	-1593.91	2.00	2.01	2.01	15.12	V
	105.00	0.00	168.68	0.16	1674.74	2.00	0.00	2.01	9.93	V
	210.00	0.00	-105.42	0.78	-1593.91	2.00	2.01	2.01	15.12	V

Verifiche a Taglio

Asta	**X [cm]**	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
1	0.00	768.83	1777.05	2.31	V
	182.50	0.00	1777.05	-	V
	365.00	768.83	1777.05	2.31	V
2	0.00	413.09	1410.44	3.41	V
	105.00	0.00	1410.44	-	V
	210.00	413.09	1410.44	3.41	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		**Tensioni**		**Tensioni Limite**			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-287.33	20.41	-373.64	150.00	3600.00	7.35	V
		182.50	0.00	183.19	6.33	-225.64	150.00	3600.00	15.95	V
		365.00	0.00	-287.33	20.41	-373.64	150.00	3600.00	7.35	V
2		0.00	0.00	-75.79	6.50	-191.34	150.00	3600.00	18.81	V
		105.00	0.00	60.64	2.60	-147.11	150.00	3600.00	>20	V
		210.00	0.00	-75.79	6.50	-191.34	150.00	3600.00	18.81	V
1	Q. Perm.	0.00	0.00	-252.50	17.94	-328.35	112.50	3600.00	6.27	V
		182.50	0.00	160.98	5.56	-198.29	112.50	3600.00	18.16	V

		365.00	0.00	-252.50	17.94	-328.35	112.50	3600.00	6.27	V
2		0.00	0.00	-66.61	5.71	-168.15	112.50	3600.00	19.69	V
		105.00	0.00	53.29	2.29	-129.28	112.50	3600.00	>20	V
		210.00	0.00	-66.61	5.71	-168.15	112.50	3600.00	19.69	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		182.50	166.53	0.00	0.40	>20	V
		365.00	0.00	0.00	0.40	>20	V
2		0.00	0.00	0.00	0.40	>20	V
		105.00	55.12	0.00	0.40	>20	V
		210.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		182.50	160.98	0.00	0.30	>20	V
		365.00	0.00	0.00	0.30	>20	V
2		0.00	0.00	0.00	0.30	>20	V
		105.00	53.29	0.00	0.30	>20	V
		210.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	365.00	0.000100	0.00200	>10	V
2		210.00	0.000100	0.00200	>10	V

- Trave Continua N° 30 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	210.00	360	100	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-105.43	0.00	0.00	413.10	0.00	0.00
	105.00	168.68	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-105.43	0.00	0.00	0.00	-413.10	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-75.80	0.00	0.00	297.00	0.00	0.00
	105.00	60.64	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-75.80	0.00	0.00	0.00	-297.00	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	**X [cm]**	**max**	**min**	**max**	**min**	**max**	**min**	
1	0.00	0.00	-68.91	0.00	0.00	270.00	0.00	0.00

	105.00	55.12	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-68.91	0.00	0.00	0.00	-270.00	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-66.61	0.00	0.00	261.00	0.00	0.00
	105.00	53.29	0.00	0.00	0.00	0.00	0.00	0.00
	210.00	0.00	-66.61	0.00	0.00	0.00	-261.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-105.43	0.78	-1593.91	2.00	2.01	2.01	15.12	V
	105.00	0.00	168.68	0.16	1674.74	2.00	0.00	2.01	9.93	V
	210.00	0.00	-105.43	0.78	-1593.91	2.00	2.01	2.01	15.12	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	413.10	1410.44	3.41	V
	105.00	0.00	1410.44	-	V
	210.00	413.10	1410.44	3.41	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
1	Caratteristica	0.00	0.00	-75.80	6.50	-191.35	150.00	3600.00	18.81	V
		105.00	0.00	60.64	2.60	-147.11	150.00	3600.00	>20	V
		210.00	0.00	-75.80	6.50	-191.35	150.00	3600.00	18.81	V
1	Q. Perm.	0.00	0.00	-66.61	5.71	-168.15	112.50	3600.00	19.69	V
		105.00	0.00	53.29	2.29	-129.28	112.50	3600.00	>20	V
		210.00	0.00	-66.61	5.71	-168.15	112.50	3600.00	19.69	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		105.00	55.12	0.00	0.40	>20	V
		210.00	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		105.00	53.29	0.00	0.30	>20	V
		210.00	0.00	0.00	0.30	>20	V

Deformabilità

Asta	Comb	Lc [cm]	f/l	flim	S	Esito
1	Caratteristica	210.00	0.000100	0.00200	>10	V

- Trave Continua N° 31 - Nome Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Asta	Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
1	345.57	360	100	200	0

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-352.67	0.00	0.00	724.22	0.00	0.00
	172.78	456.77	0.00	0.00	0.00	0.00	0.00	-0.01
	345.57	0.00	-352.67	0.00	0.00	0.00	-724.22	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-253.56	0.00	0.00	520.68	0.00	0.00
	172.78	164.20	0.00	0.00	0.00	0.00	0.00	-0.01
	345.57	0.00	-253.56	0.00	0.00	0.00	-520.68	0.00

Stato Limite di Esercizio - Frequenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-230.51	0.00	0.00	473.35	0.00	0.00
	172.78	149.27	0.00	0.00	0.00	0.00	0.00	-0.01
	345.57	0.00	-230.51	0.00	0.00	0.00	-473.35	0.00

Stato Limite di Esercizio - Quasi Permanenti								
		Sollecitazioni						Spost.
		M [daNm]		N [daN]		T [daN]		Vz max [cm]
Asta	X [cm]	max	min	max	min	max	min	
1	0.00	0.00	-222.82	0.00	0.00	457.57	0.00	0.00
	172.78	144.29	0.00	0.00	0.00	0.00	0.00	-0.01
	345.57	0.00	-222.82	0.00	0.00	0.00	-457.57	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

		Azioni Sollecitanti		Azioni Resistenti						
Asta	X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop.[cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
1	0.00	0.00	-352.67	-0.92	-3023.84	2.00	4.02	2.01	8.57	V
	172.78	0.00	456.77	-0.52	3237.27	2.00	0.00	4.02	7.09	V
	345.57	0.00	-352.67	-0.92	-3023.84	2.00	4.02	2.01	8.57	V

Verifiche a Taglio

Asta	X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
1	0.00	724.22	1777.05	2.45	V
	172.78	0.00	1777.05	-	V
	345.57	724.22	1777.05	2.45	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

			Azioni Sollecitanti		Tensioni		Tensioni Limite			
Asta	**Comb**	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
1	Caratteristica	0.00	0.00	-253.56	18.01	-329.73	150.00	3600.00	8.33	V
		172.78	0.00	164.20	5.67	-202.24	150.00	3600.00	17.80	V
		345.57	0.00	-253.56	18.01	-329.73	150.00	3600.00	8.33	V
1	Q. Perm.	0.00	0.00	-222.82	15.83	-289.76	112.50	3600.00	7.11	V
		172.78	0.00	144.29	4.98	-177.73	112.50	3600.00	>20	V
		345.57	0.00	-222.82	15.83	-289.76	112.50	3600.00	7.11	V

Fessurazione

			Sollecitazione	Fessura di calcolo	Fessura max		
Asta	**Comb**	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
1	Freq.	0.00	0.00	0.00	0.40	>20	V
		172.78	149.27	0.00	0.40	>20	V
		345.57	0.00	0.00	0.40	>20	V
1	Q. Perm.	0.00	0.00	0.00	0.30	>20	V
		172.78	144.29	0.00	0.30	>20	V
		345.57	0.00	0.00	0.30	>20	V

Deformabilità

Asta	**Comb**	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
1	Caratteristica	345.57	0.000100	0.00200	>10	V

5.1.2 Verifica Balconi più sollecitati

Descrizione del modello.

Modello di calcolo e procedure di verifica.

La seguente relazione riguarda tutti i balconi realizzati in c.a. e laterizi o blocchi in polistirene, a nervature parallele ed eventuali balconi pieni in c.a. a sezione variabile.
Il modello utilizzato per il calcolo delle caratteristiche della sollecitazione è di una mensola incastrata alla trave di bordo. Le ipotesi alle quali si è fatto riferimento sono state le stesse di quelle utilizzate per il calcolo dei solai in latero cemento.
Note le caratteristiche geometriche della sezione, i carichi permanenti e di esercizio agenti per ogni balcone, sono stati ricavati i carichi relativi alla singola nervatura.
L'effetto dell'azione sismica verticale è stato calcolato con le stesse espressioni del par. "Procedure di Verifiche degli elementi - Elementi in C.A." della presente relazione, adottate per il calcolo del carico sismico verticale sugli sbalzi dei solai a trave continua.
Per la verifica si è adottato il metodo agli stati limite

- Legende -

- DATI GENERALI -

Tipo Sezione : tipologia Latero-Cemento;
Hp : altezza pignatta;
LaP : larghezza pignatta;
LuP : lunghezza pignatta;
Lt : larghezza travetto;
Ht : altezza solettina collaborante;
He : altezza estremità del balcone pieno in c.a.;
Hi : altezza all'incastro del balcone pieno in c.a.;
IntCalc : interasse di calcolo;
Mat. Cls : tipo di cls (vedi 3.2);
fcd : resistenza caratteristica di calcolo del calcestruzzo;
fctd : resistenza caratteristica a trazione di calcolo del calcestruzzo;
Mat. Barre : tipo di acciaio delle barre (vedi 3.2).
fyd : resistenza di calcolo dell'acciaio;

- DATI GEOMETRICI E CARICHI -

Luce : lunghezza dell'asta proiettata sull'orizzontale;
Car. Perm. G1 : totale dei carichi permanenti strutturali;
Car. Perm. G2 : totale dei carichi permanenti non strutturali;
Car. Acc. : totale dei carichi d'esercizio;
Sisma Vert. : valore del carico sismico, se presente.

- RISULTATI DI CALCOLO -

X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
M : valore del Momento Flettente X-Z nel punto considerato;
max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo;
min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo;
N : valore dello Sforzo Normale nel punto considerato;
max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo;
min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo;
T : valore del Taglio X-Z nel punto considerato;
max : valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo;
min : valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo;
Vmax : Traslazione Z rispetto al sistema di riferimento globale.

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
M : valore del Momento Flettente X-Z nel punto considerato;
Azioni Sollecitanti:
- NSd : Sforzo Normale Sollecitante;
- MSdXZ : Momento Flettente X-Z sollecitante di calcolo;
Azioni Resistenti:
- NRd : Sforzo Normale Resistente;
- NRdXZ : Momento Flettente X-Z resistente di calcolo;
Afl : valore dell'area di armatura presente nella sezione;
S : Coefficiente di sicurezza minimo della sezione;
Esito:
- v : Verificato;
- NV : Non Verificato;

Verifiche a Taglio

X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Taglio Sollecitante:
- VSdXZ : Taglio X-Z sollecitante di calcolo;

Taglio Resistente:
- VRdXZ : Taglio X-Z resistente di calcolo;

S : Coefficiente di sicurezza;
Esito:
- v : Verificato;
- NV : Non Verificato;

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
Comb : tipo di combinazione a cui la verifica è riferita;
Azioni Sollecitanti:
- NSd : Sforzo Normale Sollecitante;
- MSdXZ : Momento Flettente X-Z sollecitante di calcolo;
Tensioni:
- σc :tensioni d'esercizio del calcestruzzo;
- σs :tensioni d'esercizio dell'acciaio;
S : Coefficiente di sicurezza minimo della sezione;
Tensioni Limite:
- σc,lim :tensioni limite del calcestruzzo;
- σs,lim :tensioni limite dell'acciaio;
Esito:
- v : Verificato;
- NV : Non Verificato;

Fessurazione

X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;
Comb : tipo di combinazione a cui la verifica è riferita;
Sollecitazione : Mxz: Momento Flettente X-Z sollecitante di calcolo;
Fessura di calcolo : Wk: apertura della fessura calcolata;
Fessura max : Wk,max: massima apertura ammissibile delle fessure;
S : Coefficiente di sicurezza;
Esito:
- v : Verificato;
- NV : Non Verificato;

Deformabilità

Comb : tipo di combinazione a cui la verifica è riferita;
Lc : lunghezza della campata;
f/l : rapporto freccia/lunghezza;
flim : valore limite del rapporto freccia/lunghezza;
S : Coefficiente di sicurezza;
Esito:
- v : Verificato;
- NV : Non Verificato;

Dati di Progetto.

Dati Generali

Analisi dei Carichi

- Tipologie in Latero-Cemento

Nome Sezione	Hp [cm]	LaP [cm]	LuP [cm]	Lt [cm]	Ht [cm]	IntCalc [cm]	Mat. Cls	fcd [daN/cm²]	fctd [daN/cm²]	Mat. Barre	fyd [daN/cm²]
SLC_SOL 20+4	20.00	40.00	25.00	10.00	4.00	50.00	Cls1	113.33	11.97	Barre1	3913.04

IMPALCATO : Piano 1

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Balcone 1 - Fili 7, 10 - Tipo Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
170.00	360	100	400	135

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05
85.00	0.00	-244.36	0.00	0.00	0.00	-574.97	-0.02
170.00	0.00	-977.45	0.00	0.00	0.00	-1149.95	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
85.00	0.00	-155.34	0.00	0.00	0.00	-365.50	-0.01
170.00	0.00	-621.35	0.00	0.00	0.00	-731.00	0.00

Stato Limite di Esercizio - Frequenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	

0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
85.00	0.00	-133.66	0.00	0.00	0.00	-314.50	-0.01
170.00	0.00	-534.65	0.00	0.00	0.00	-629.00	0.00

Stato Limite di Esercizio - Quasi Permanenti							
	Sollecitazioni						**Spost.**
X [cm]	**M [daNm]**		**N [daN]**		**T [daN]**		**Vz max [cm]**
	max	**min**	**max**	**min**	**max**	**min**	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
85.00	0.00	-126.44	0.00	0.00	0.00	-297.50	-0.01
170.00	0.00	-505.75	0.00	0.00	0.00	-595.00	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

	Azioni Sollecitanti		**Azioni Resistenti**						
X [cm]	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop [cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
0.00	0.00	0.00	0.00	0.00	2.00	2.01	2.01	-	V
85.00	0.00	-244.36	0.78	-1593.91	2.00	2.01	2.01	6.52	V
170.00	0.00	-977.45	-0.92	-3023.84	2.00	4.02	2.01	3.09	V

Verifiche a Taglio

X [cm]	**VSdXZ [daN]**	**VRdXZ [daN]**	**S**	**Esito**
0.00	0.00	1410.44	-	V
85.00	574.97	1410.44	2.45	V
170.00	1149.95	1777.05	1.55	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

		Azioni Sollecitanti		**Tensioni**		**Tensioni Limite**			
Comb	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
Caratteristica	0.00	0.00	0.00	0.00	0.00	150.00	3600.00	-	V
	85.00	0.00	-155.34	13.32	-392.15	150.00	3600.00	9.18	V
	170.00	0.00	-621.35	44.14	-808.01	150.00	3600.00	3.40	V
Q.Perm.	0.00	0.00	0.00	0.00	0.00	112.50	3600.00	-	V
	85.00	0.00	-126.44	10.85	-319.19	112.50	3600.00	10.37	V
	170.00	0.00	-505.75	35.93	-657.68	112.50	3600.00	3.13	V

Fessurazione

		Sollecitazione	**Fessura di calcolo**	**Fessura max**		
Comb	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
Freq.	0.00	0.00	0.00	0.40	-	V
	85.00	0.00	0.00	0.40	-	V
	170.00	0.00	0.00	0.40	-	V
Q.Perm.	0.00	0.00	0.00	0.30	-	V
	85.00	0.00	0.00	0.30	-	V
	170.00	0.00	0.00	0.30	-	V

Deformabilità

Comb	**Lc [cm]**	**f/l**	**flim**	**S**	**Esito**
Caratteristica	170.00	0.000	0.00	10.33	V

IMPALCATO : Piano 2

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Balcone 8 - Fili 29, 28 - Tipo Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
165.00	360	100	400	133

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05
82.50	0.00	-229.85	0.00	0.00	0.00	-557.22	-0.02
165.00	0.00	-919.41	0.00	0.00	0.00	-1114.44	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
82.50	0.00	-146.33	0.00	0.00	0.00	-354.75	-0.01
165.00	0.00	-585.34	0.00	0.00	0.00	-709.50	0.00

Stato Limite di Esercizio - Frequenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
82.50	0.00	-125.92	0.00	0.00	0.00	-305.25	-0.01
165.00	0.00	-503.66	0.00	0.00	0.00	-610.50	0.00

Stato Limite di Esercizio - Quasi Permanenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02
82.50	0.00	-119.11	0.00	0.00	0.00	-288.75	-0.01
165.00	0.00	-476.44	0.00	0.00	0.00	-577.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

	Azioni Sollecitanti		Azioni Resistenti						
X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop [cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
0.00	0.00	0.00	0.00	0.00	2.00	2.01	2.01	-	V
82.50	0.00	-229.85	0.78	-1593.91	2.00	2.01	2.01	6.93	V
165.00	0.00	-919.41	-0.92	-3023.84	2.00	4.02	2.01	3.29	V

Verifiche a Taglio

X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito

0.00	0.00	1410.44	-	V
82.50	557.22	1410.44	2.53	V
165.00	1114.44	1777.05	1.59	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

		Azioni Sollecitanti		Tensioni		Tensioni Limite			
Comb	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
Caratteristica	0.00	0.00	0.00	0.00	0.00	150.00	3600.00	-	V
	82.50	0.00	-146.33	12.55	-369.42	150.00	3600.00	9.75	V
	165.00	0.00	-585.34	41.58	-761.17	150.00	3600.00	3.61	V
Q.Perm.	0.00	0.00	0.00	0.00	0.00	112.50	3600.00	-	V
	82.50	0.00	-119.11	10.22	-300.69	112.50	3600.00	11.01	V
	165.00	0.00	-476.44	33.84	-619.56	112.50	3600.00	3.32	V

Fessurazione

		Sollecitazione	Fessura di calcolo	Fessura max		
Comb	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
Freq.	0.00	0.00	0.00	0.40	-	V
	82.50	0.00	0.00	0.40	-	V
	165.00	0.00	0.00	0.40	-	V
Q.Perm.	0.00	0.00	0.00	0.30	-	V
	82.50	0.00	0.00	0.30	-	V
	165.00	0.00	0.00	0.30	-	V

Deformabilità

Comb	Lc [cm]	f/l	flim	S	Esito
Caratteristica	165.00	0.000	0.00	11.30	V

IMPALCATO : Piano 3

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Balcone 9 - Fili 29, 28 - Tipo Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
165.00	360	100	400	133

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA							
	Sollecitazioni						Spost.
X [cm]	**M [daNm]**		**N [daN]**		**T [daN]**		**Vz max [cm]**
	max	**min**	**max**	**min**	**max**	**min**	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05
82.50	0.00	-229.85	0.00	0.00	0.00	-557.22	-0.02
165.00	0.00	-919.41	0.00	0.00	0.00	-1114.44	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
82.50	0.00	-146.33	0.00	0.00	0.00	-354.75	-0.01
165.00	0.00	-585.34	0.00	0.00	0.00	-709.50	0.00

Stato Limite di Esercizio - Frequenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
82.50	0.00	-125.92	0.00	0.00	0.00	-305.25	-0.01
165.00	0.00	-503.66	0.00	0.00	0.00	-610.50	0.00

Stato Limite di Esercizio - Quasi Permanenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02
82.50	0.00	-119.11	0.00	0.00	0.00	-288.75	-0.01
165.00	0.00	-476.44	0.00	0.00	0.00	-577.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

	Azioni Sollecitanti		Azioni Resistenti						
X [cm]	NSd [daN]	MSdXZ [daNm]	NRd [daN]	MRdXZ [daNm]	Cop [cm]	Afl_{sup} [cm²]	Afl_{inf} [cm²]	S	Esito
0.00	0.00	0.00	0.00	0.00	2.00	2.01	2.01	-	V
82.50	0.00	-229.85	0.78	-1593.91	2.00	2.01	2.01	6.93	V
165.00	0.00	-919.41	-0.92	-3023.84	2.00	4.02	2.01	3.29	V

Verifiche a Taglio

X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
0.00	0.00	1410.44	-	V
82.50	557.22	1410.44	2.53	V
165.00	1114.44	1777.05	1.59	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

		Azioni Sollecitanti		Tensioni		Tensioni Limite			
Comb	X [cm]	NSd [daN]	MSdXZ [daNm]	σc [daN/cm²]	σs [daN/cm²]	σc,lim [daN/cm²]	σs,lim [daN/cm²]	S	Esito
Caratteristica	0.00	0.00	0.00	0.00	0.00	150.00	3600.00	-	V
	82.50	0.00	-146.33	12.55	-369.42	150.00	3600.00	9.75	V
	165.00	0.00	-585.34	41.58	-761.17	150.00	3600.00	3.61	V
Q.Perm.	0.00	0.00	0.00	0.00	0.00	112.50	3600.00	-	V
	82.50	0.00	-119.11	10.22	-300.69	112.50	3600.00	11.01	V
	165.00	0.00	-476.44	33.84	-619.56	112.50	3600.00	3.32	V

Fessurazione

		Sollecitazione	Fessura di calcolo	Fessura max		
Comb	X [cm]	Mxz [daNm]	Wk [mm]	Wk,max [mm]	S	Esito
Freq.	0.00	0.00	0.00	0.40	-	V
	82.50	0.00	0.00	0.40	-	V
	165.00	0.00	0.00	0.40	-	V
Q.Perm.	0.00	0.00	0.00	0.30	-	V
	82.50	0.00	0.00	0.30	-	V

	165.00	0.00	0.00	0.30	-	V

Deformabilità

Comb	Lc [cm]	f/l	flim	S	Esito
Caratteristica	165.00	0.000	0.00	11.30	V

IMPALCATO : Piano 4

Destinazione d'uso	Ψ0i	Ψ1i	Ψ2i
C-Aree affollate	0.7	0.7	0.6

- Balcone 10 - Fili 48, 21 - Tipo Sezione: SLC_SOL 20+4

- DATI GEOMETRICI E CARICHI -

Luce [cm]	Car. Perm. G1 [daN/m²]	Car. Perm. G2 [daN/m²]	Car. Acc. [daN/m²]	Sisma Vert. [daN/m²]
235.00	360	100	400	210

- RISULTATI DI CALCOLO -

- INVILUPPI -

Inviluppo SLV

STATO LIMITE SALVAGUARDIA DELLA VITA							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20
117.50	0.00	-492.72	0.00	0.00	0.00	-838.67	-0.07
235.00	0.00	-1970.88	0.00	0.00	0.00	-1677.35	0.00

Inviluppo SLE

Stato Limite di Esercizio - Caratteristiche							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
117.50	0.00	-296.83	0.00	0.00	0.00	-505.25	-0.04
235.00	0.00	-1187.34	0.00	0.00	0.00	-1010.50	0.00

Stato Limite di Esercizio - Frequenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10
117.50	0.00	-255.42	0.00	0.00	0.00	-434.75	-0.04
235.00	0.00	-1021.66	0.00	0.00	0.00	-869.50	0.00

Stato Limite di Esercizio - Quasi Permanenti							
	Sollecitazioni						Spost.
X [cm]	M [daNm]		N [daN]		T [daN]		Vz max [cm]
	max	min	max	min	max	min	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10
117.50	0.00	-241.61	0.00	0.00	0.00	-411.25	-0.03
235.00	0.00	-966.44	0.00	0.00	0.00	-822.50	0.00

- VERIFICHE DI SICUREZZA -

Verifiche a PressoTensoFlessione

	Azioni Sollecitanti		Azioni Resistenti						
X [cm]	**NSd [daN]**	**MSdXZ [daNm]**	**NRd [daN]**	**MRdXZ [daNm]**	**Cop [cm]**	**Afl_{sup} [cm²]**	**Afl_{inf} [cm²]**	**S**	**Esito**
0.00	0.00	0.00	0.00	0.00	2.00	2.01	2.01	-	V
117.50	0.00	-492.72	0.78	-1593.91	2.00	2.01	2.01	3.23	V
235.00	0.00	-1970.88	-0.92	-3023.84	2.00	4.02	2.01	1.53	V

Verifiche a Taglio

X [cm]	VSdXZ [daN]	VRdXZ [daN]	S	Esito
0.00	0.00	1410.44	-	V
117.50	838.67	1410.44	1.68	V
235.00	1677.35	1777.05	1.06	V

- VERIFICHE DI ESERCIZIO -

Stato Tensionale

		Azioni Sollecitanti		Tensioni		Tensioni Limite			
Comb	**X [cm]**	**NSd [daN]**	**MSdXZ [daNm]**	**σc [daN/cm²]**	**σs [daN/cm²]**	**σc,lim [daN/cm²]**	**σs,lim [daN/cm²]**	**S**	**Esito**
Caratteristica	0.00	0.00	0.00	0.00	0.00	150.00	3600.00	-	V
	117.50	0.00	-296.83	25.46	-749.35	150.00	3600.00	4.80	V
	235.00	0.00	-1187.34	84.35	-1544.01	150.00	3600.00	1.78	V
Q.Perm.	0.00	0.00	0.00	0.00	0.00	112.50	3600.00	-	V
	117.50	0.00	-241.61	20.72	-609.94	112.50	3600.00	5.43	V
	235.00	0.00	-966.44	68.65	-1256.76	112.50	3600.00	1.64	V

Fessurazione

		Sollecitazione	Fessura di calcolo	Fessura max		
Comb	**X [cm]**	**Mxz [daNm]**	**Wk [mm]**	**Wk,max [mm]**	**S**	**Esito**
Freq.	0.00	0.00	0.00	0.40	-	V
	117.50	0.00	0.00	0.40	-	V
	235.00	-1021.66	0.09	0.40	4.61	V
Q.Perm.	0.00	0.00	0.00	0.30	-	V
	117.50	0.00	0.00	0.30	-	V
	235.00	-966.44	0.07	0.30	4.35	V

Deformabilità

Comb	Lc [cm]	f/l	flim	S	Esito
Caratteristica	235.00	0.001	0.00	3.91	V

5.2 ALLEGATO B - (Verifica a Martellamento).

La verifica che segue è relativa al fenomeno del martellamento tra strutture divise dal "giunto tecnico".
Il calcolo della distanza minima tra due strutture contigue richiede di valutare gli spostamenti di entrambe le strutture, considerandole in opposizione di fase. La verifica sarà superata se la somma degli spostamenti relativi sarà minore alla dimensione del giunto, relativamente alla direzione considerata.

Per le direzioni X+ X- Y+ Y- , lo spostamento delle strutture adiacenti verrà stimato mediante la relazione:

$S_{Ed_Es} = (Q_i / 100) * ag * S / g$

dove:
Q_i : quota del punto considerato;
ag : accelerazione del sito SLV;
S : Coefficiente di suolo dello spettro SLV dato da Ss*St.

Ai fini del calcolo degli spostamenti relativi si utilizzerà l'inviluppo degli SLU.

La verifica si considera superata se per ogni direzione:

$|S_{st}| + |S_{Ed_Es}| \leq$ Spes. Giunto

Si riportano i risultati della verifica nella seguente tabella:

Quota Ver : quota del punto di calcolo degli spostamenti;
S_{st} : spostamento della struttura calcolata;
S_{Ed_Es} : spostamento della struttura esistente adiacente;
S_{Tot} : spostamento totale in opposizione di fase;
Spes. Giunto : spessore del giunto tecnico;
Esito : V = Verificato; NV = Non Verificato;

Direzione	Quota Ver [cm]	S_{st} [cm]	S_{Ed_Es} [cm]	S_{Tot} [cm]	Spes. Giunto [cm]	Esito
X +	900.0	4.73	2.58	7.31	15.0	V
X -	900.0	-4.68	2.58	7.26	15.0	V
Y +	770.0	5.22	2.21	7.44	15.0	V
Y -	900.0	-5.85	2.58	8.43	15.0	V

5.3 ALLEGATO C - (Scheda Sintetica NTC).

DESCRIZIONE GENERALE DELL'OPERA

Oggetto : Ampliamento dell'Istituto Superiore"I.C.E. Vainicher" - PROGETTO ESECUTIVO -

CRITERI GENERALI DI VERIFICA E RIFERIMENTI NORMATIVI

Normativa : D.M. 17/01/2018 "Norme Tecniche per le Costruzioni"
Struttura : Nuova
Vita nominale : 50
Tipo di opera : Opere ordinarie
Classe d'uso : III
Vita di riferimento : 75
Approccio Verifiche GEO : Approccio 2

Analisi dei Carichi

Peso dei materiali strutturali:

b - Calcestruzzo

Cls1 - Peso Specifico 2500.00 daN/m³
Cls2 - Peso Specifico 2500.00 daN/m³

Pesi propri unitari - G1:

Impalcato	Solai [daN/m²]	Balconi [daN/m²]	Scale [daN/m²]
Fondazione	-	-	-
Piano 1	360	360	400
Piano 2	360	360	400
Piano 3	360	360	400
Piano 4	360	360	-

- Analisi dei Carichi -

Piano 1

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta 20.0 cm
Larghezza pignatta 40.0 cm
Larghezza travetto 10.0 cm
Altezza solettina collaborante 4.0 cm
Peso dell'unita di volume calcestruzzo armato 2500.0 daN/m³
Peso Pignatte 160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta 20.0 cm
Larghezza pignatta 40.0 cm
Larghezza travetto 10.0 cm
Altezza solettina collaborante 4.0 cm
Peso dell'unita di volume calcestruzzo armato 2500.0 daN/m³
Peso Pignatte 160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Tipologia scala prevalente: Il carico permanente G1 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati.

Piano 2

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Tipologia scala prevalente: Il carico permanente G1 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati.

Piano 3

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Tipologia scala prevalente: Il carico permanente G1 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati.

Piano 4

Solai

Tipologia solaio prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOL 20+4(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unita di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	160.0 daN/m²

Peso Proprio Solaio: 360 daN/m²

Carichi Permanenti - G2:

Impalcato	Solai [daN/m²]	Balconi [daN/m²]	Scale [daN/m²]	Influenza Tramezzi [daN/m²]	Tamponature [daN/m]
Fondazione	100	100	100	100	582
Piano 1	100	100	100	100	582
Piano 2	100	100	100	100	582
Piano 3	100	100	100	100	582
Piano 4	100	100	100	0	0

- Analisi dei Carichi -

Fondazione

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Piano 1

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Scale

Tipologia scala prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m³
Mattone forato	8.0 cm	600.0 daN/m³
Camera d'aria	4.0 cm	0.0 daN/m³
Isolante termico	4.0 cm	150.0 daN/m³
Mattone forato	12.0 cm	600.0 daN/m³
Intonaco	2.0 cm	1800.0 daN/m³

Peso proprio tamponatura: 194.0 daN/m²

Piano 2

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Scale

Tipologia scala prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m³
Mattone forato	8.0 cm	600.0 daN/m³
Camera d'aria	4.0 cm	0.0 daN/m³
Isolante termico	4.0 cm	150.0 daN/m³
Mattone forato	12.0 cm	600.0 daN/m³
Intonaco	2.0 cm	1800.0 daN/m³

Peso proprio tamponatura: 194.0 daN/m²

Piano 3

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Scale

Tipologia scala prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di scala adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m³

Mattone forato	8.0 cm	600.0 daN/m³
Camera d'aria	4.0 cm	0.0 daN/m³
Isolante termico	4.0 cm	150.0 daN/m³
Mattone forato	12.0 cm	600.0 daN/m³
Intonaco	2.0 cm	1800.0 daN/m³

Peso proprio tamponatura: 194.0 daN/m²

Piano 4

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Carichi Variabili - Q:

Le intensità assunte per i carichi variabili verticali ripartiti sono riportate nella seguente tabella:

Impalcato	Carichi d'esercizio [daN/m²]		
	Solai	Balconi	Scale
Fondazione	200	400	400
Piano 1	200	400	400
Piano 2	200	400	400
Piano 3	200	400	400
Piano 4	200	400	400

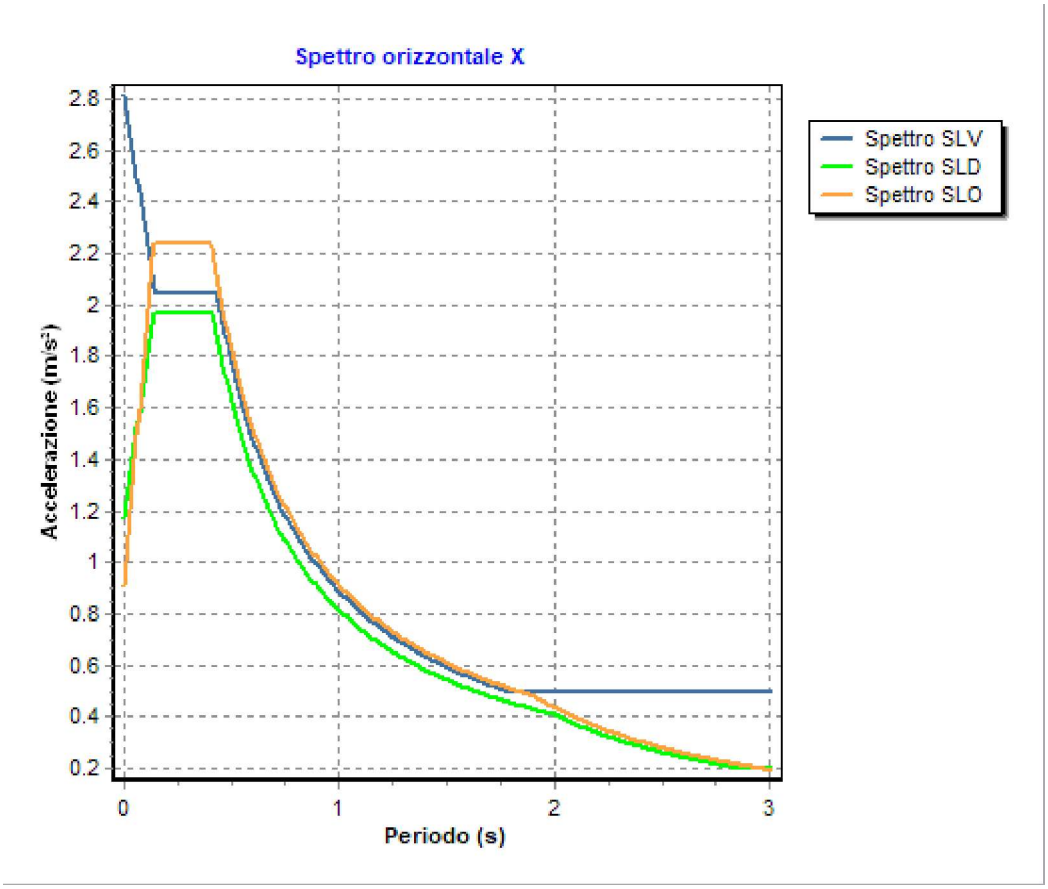
CLASSE DI DUTTILITA': A

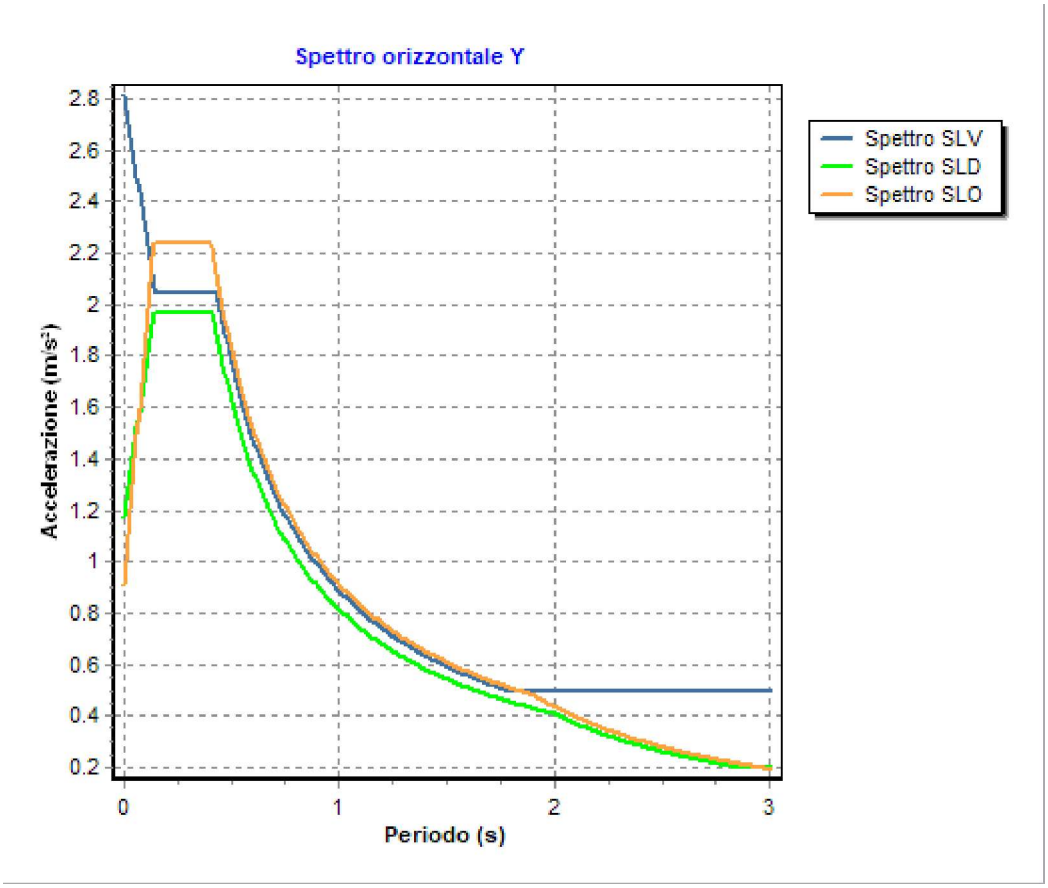
Azione Sismica

Comune : Isabella Conti Eller Vainicher 23, 98050 Lipari Messina
Latitudine : 38.4689°
Longitudine : 14.9522°
Suolo di fondazione : B
Categoria topografica : T1
Coeff. smorz. viscoso : 0.05

	Parametri dello spettro di risposta orizzontale							
	SLV		SLC		SLD		SLO	
Tempo di ritorno	712		1462		75		45	
Accelerazione sismica	0.253		0.319		0.100		0.077	
Coefficiente Fo	2.619		2.697		2.511		2.474	
Periodo T_C*	0.312		0.319		0.294		0.289	
Coefficiente Ss	1.13		1.06		1.20		1.20	
Coefficiente di amplificazione topografica St	1.00		1.00		1.00		1.00	
Prodotto Ss · St	1.13		1.06		1.20		1.20	
Periodo T_B	0.14		0.15		0.14		0.14	
Periodo T_C	0.43		0.44		0.41		0.41	
Periodo T_D	2.61		2.88		2.00		1.91	
	x	y	x	y	x	y	x	y
Coefficiente η	0.278	0.278	1.000	1.000	*	*	*	*

* η pari a 1 per gli spostamenti e 2/3 per le sollecitazioni.





FATTORI DI STRUTTURA

Fattore di comportamento direzione x (qx) : 3.60

Calcolato considerando i seguenti parametri:
Tipo Struttura : C.A.
Regolarità in elevazione : NO
Regolarità in pianta : NO
Kr : 0.80
Tipologia Edificio : Strutture con due sole pareti non accoppiate per direzione orizzontale
$\alpha u / \alpha 1$: 1.00
Tipologia Strutturale : Strutture a telaio, a pareti accoppiate, miste
Modalità di collasso : Strutture a telaio e miste equivalenti a telai
$\alpha 0$: 1.25
Kw : 1.00

Fattore di comportamento direzione y (qy) : 3.60

Calcolato considerando i seguenti parametri:
Tipo Struttura : C.A.
Regolarità in elevazione : NO
Regolarità in pianta : NO
Kr : 0.80
Tipologia Edificio : Strutture con due sole pareti non accoppiate per direzione orizzontale
$\alpha u / \alpha 1$: 1.00
Tipologia Strutturale : Strutture a telaio, a pareti accoppiate, miste
Modalità di collasso : Strutture a telaio e miste equivalenti a telai
$\alpha 0$: 1.25
Kw : 1.00

Fattore di comportamento direzione z (qz) : 1.50

RIEPILOGO MODI DI VIBRARE

Sisma X SLV - Sisma X SLD - Sisma X SLC - Sisma X SLO - Sisma Y SLV - Sisma Y SLD - Sisma Y SLC - Sisma Y SLO

Periodo [s]	Gamma	Coeff.$_{MasseX}$	Coeff.$_{MasseY}$	Coeff.$_{MasseZ}$	Coeff.$_{MasseRX}$	Coeff.$_{MasseRY}$	Coeff.$_{MasseRZ}$
0.577	-41.18	0.00	47.13	0.00	0.00	0.00	0.02
0.381	-32.76	29.82	0.01	0.00	0.00	0.00	26.62
0.313	23.25	15.01	0.05	0.00	0.00	0.00	47.93
0.106	-13.87	5.34	0.02	0.20	0.00	0.00	5.61
0.099	9.53	2.52	0.01	0.03	0.00	0.00	6.35
0.088	16.67	7.72	0.00	0.07	0.00	0.00	0.19
0.064	10.06	2.81	0.04	0.43	0.00	0.00	0.02
0.063	9.43	2.47	0.00	2.71	0.00	0.00	0.01
0.060	39.03	0.48	42.33	0.04	0.00	0.00	0.01
0.060	9.49	2.50	1.66	0.69	0.00	0.00	0.00
0.058	26.25	19.14	0.23	0.00	0.00	0.00	0.06

VERIFICHE SLD **: ESEGUITE**
Verifica spostamenti : ESEGUITA
Valore limite drp : 0.0050
Verifica resistenza : ESEGUITA

VERIFICHE SLO **: ESEGUITE**
Verifica spostamenti : ESEGUITA
Valore limite drp : 0.0033

MATERIALI

Materiale	Tipo	Classe	Normativa
Cls1	Calcestruzzo	C25/30	-
Cls2	Calcestruzzo	C28/35	-

Barre1	Acciaio per C.A.	B450C	-

TIPO DI ANALISI SVOLTA:

ANALISI ORIZZONTALE DINAMICA LINEARE

5.4 ALLEGATO D - (Regolarità Strutturale)

Regolarità in pianta.

a) la distribuzione di masse e rigidezze è approssimativamente simmetrica rispetto a due direzioni ortogonali e la forma in pianta è compatta, ossia il contorno di ogni orizzontamento è convesso; il requisito può ritenersi soddisfatto, anche in presenza di rientranze in pianta, quando esse non influenzano significativamente la rigidezza nel piano dell'orizzontamento e, per ogni rientranza, l'area compresa tra il perimetro dell'orizzontamento e la linea convessa circoscritta all'orizzontamento non supera il 5% dell'area dell'orizzontamento:

Num. : numero rientranza;
Piano : piano dove è presente la rientranza;
Area : area dell'orizzontamento del piano della rientranza;
Area Rient. : area della singola rientranza;
Perc. : percentuale della singola rientranza rispetto all'orizzontamento di riferimento;
Esito Rient. : esito del controllo con il valore limite (5% dell'area dell'orizzontamento)

Num.	Piano	Area [m²]	Area Rient. [m²]	Perc. [%]	Esito Rient.
1	1	571.7	16.7	2.9	SI
2	2	571.7	16.7	2.9	SI
3	4	62.2	6.4	10.3	NO

ΔRig X : distanza tra centro delle rigidezze e centro geometrico del piano in direzione X;
ΔRig Y : distanza tra centro delle rigidezze e centro geometrico del piano in direzione Y;
ΔMasse X : distanza tra centro delle masse e centro geometrico del piano in direzione X;
ΔMasse Y : distanza tra centro delle masse e centro geometrico del piano in direzione Y;
Esito Rig : esito del controllo con il valore limite (10% dell'ingombro nelle due direzioni) per le rigidezze
Esito Masse : esito del controllo con il valore limite (10% dell'ingombro nelle due direzioni) per le rigidezze

Piano Reale	ΔRig X [cm]	ΔRig Y [cm]	ΔMasse X [cm]	ΔMasse Y [cm]	Esito Rig	Esito Masse
PR 1	62.07	380.48	50.75	380.48	X = V ; Y = NV	X = V ; Y = V
PR 2	40.31	39.49	149.24	39.49	X = V ; Y = V	X = V ; Y = V
PR 3	30.42	32.36	126.58	32.36	X = V ; Y = V	X = V ; Y = V
PR 4	18.39	90.48	6.91	90.48	X = V ; Y = V	X = V ; Y = V

Esito: NO

---

b) il rapporto tra i lati del rettangolo circoscritto alla pianta di ogni orizzontamento è inferiore a 4:

Il rapporto tra i lati del rettangolo risulta pari a: 1.30

Esito: SI

---

c) ciascun orizzontamento ha una rigidezza nel proprio piano tanto maggiore della corrispondente rigidezza degli elementi strutturali verticali da potersi assumere che la sua deformazione in pianta influenzi in modo trascurabile la distribuzione delle azioni sismiche tra questi ultimi e ha resistenza sufficiente a garantire l'efficacia di tale distribuzione:

Esito: SI

Regolarità in altezza.

d) tutti i sistemi resistenti alle azioni orizzontali si estendono per tutta l'altezza della costruzione o, se sono presenti parti aventi differenti altezze, fino alla sommità della rispettiva parte dell'edificio:

Esito: SI

---

e) massa e rigidezza rimangono costanti o variano gradualmente, senza bruschi cambiamenti, dalla base alla sommità della costruzione (le variazioni di massa da un orizzontamento all'altro non superano il 25%, la rigidezza non si riduce da un orizzontamento a quello sovrastante più del 30% e non aumenta più del 10%); ai fini della rigidezza si possono considerare regolari in altezza strutture dotate di pareti o nuclei in c.a. o di pareti e nuclei in muratura di sezione costante sull'altezza o di telai controventati in acciaio, ai quali sia affidato almeno il 50% dell'azione sismica alla base:

ΔMasse : variazione massima rispetto al piano inferiore e superiore delle masse
ΔRig X : variazione massima rispetto al piano inferiore e superiore della rigidezza in direzione X
ΔRig Y : variazione massima rispetto al piano inferiore e superiore della rigidezza in direzione Y
ΔEsito Masse : esito sul controllo della variazione delle masse
ΔEsito Rig X : esito sul controllo della variazione delle rigidezze in direzione X
ΔEsito Rig Y : esito sul controllo della variazione delle rigidezze in direzione Y

Piano Reale	ΔMasse [%]	ΔRig X [%]	ΔRig Y [%]	Esito Masse	Esito Rig X	Esito Rig Y
PR 1	13.31	47.25	19.64	SI	NO	SI
PR 2	15.46	0.05	-19.21	SI	SI	NO
PR 3	87.83	79.46	72.78	NO	NO	NO
PR 4	721.98	0.00	0.00	NO	SI	SI

Esito: NO

---

f) il rapporto tra la capacità e la domanda allo SLV non è significativamente diverso, in termini di resistenza, per orizzontamenti successivi (tale rapporto, calcolato per un generico orizzontamento, non deve differire più del 30% dall'analogo rapporto calcolato per l'orizzontamento adiacente); può fare eccezione l'ultimo orizzontamento di strutture intelaiate di almeno tre orizzontamenti:

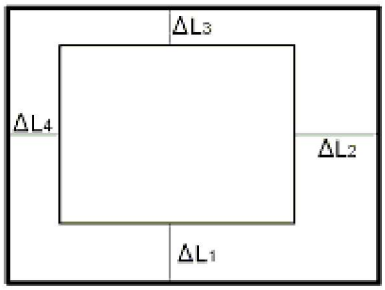
Res. Eff : resistenza a taglio effettiva del piano
Res. Rich. X : resistenza a taglio richiesta in direzione X
Res. Rich. Y : resistenza a taglio richiesta in direzione Y
Var. Rapp. : variazione massima del rapporto tra Res. Eff. e Res. Rich. per piano

Piano	Res. Eff [daN]	Res. Rich. X [daN]	Res. Rich. Y [daN]	Var. Rapp. [%]
Piano 1	2615518.24	203111.19	246665.61	24.53
Piano 2	2318753.36	238598.28	253797.90	36.41
Piano 3	2180713.34	301030.52	164498.51	26.69
Piano 4	386131.68	69109.83	31207.38	7.14

Esito: NO

---

g) eventuali restringimenti della sezione orizzontale della costruzione avvengano con continuità da un orizzontamento al successivo; oppure avvengano in modo che il rientro di un orizzontamento non superi il 10% della dimensione corrispondente all'orizzontamento immediatamente sottostante, né il 30% della dimensione corrispondente al primo orizzontamento. Fa eccezione l'ultimo orizzontamento di costruzioni di almeno quattro orizzontamenti, per il quale non sono previste limitazioni di restringimento:



ΔL1 : rientro rispetto al piano di confronto (segno negativo se rientro);
ΔL2 : rientro rispetto al piano di confronto (segno negativo se rientro);
ΔL3 : rientro rispetto al piano di confronto (segno negativo se rientro);

ΔL4 : rientro rispetto al piano di confronto (segno negativo se rientro);

Rientri rispetto al piano inferiore						
Piano	**ΔL1 [cm]**	**ΔL2 [cm]**	**ΔL3 [cm]**	**ΔL4 [cm]**	**Val Lim. X [cm]**	**Val Lim. Y [cm]**
Fondazione	0.00	0.00	0.00	0.00	2165.00	2820.00
Piano 1	0.00	0.00	0.00	0.00	2165.00	2820.00
Piano 2	0.00	0.00	0.00	0.00	2165.00	2820.00
Piano 3	0.00	0.00	-345.00	0.00	2165.00	2475.00
Piano 4	0.00	-295.00	-15.00	0.00	567.50	1240.00

Esito: NO

Tipologia strutturale.

- strutture deformabili torsionalmente, composte da telai e/o pareti, la cui rigidezza torsionale non soddisfa ad ogni piano la condizione $r^2/ls^2 >= 1$, nella quale:

Rig. X : rigidezza di piano in direzione X
Rig. Y : rigidezza di piano in direzione Y
Jr : rigidezza torsionale di piano
r^2 : rapporto tra rigidezza torsionale e flessionale di piano
Ls : raggio giratore della massa del piano corrente

Piano Reale	Rig. X [daN/cm]	Rig. Y [daN/cm]	Jr [daNcm]	r	Ls	r^2/Ls^2	Esito
PR 1	3035274.29	500386.69	3389960958742.62	1056.81	1143.26	0.85	NV
PR 2	1601200.86	402106.13	1555209112183.80	985.53	1090.59	0.82	NV
PR 3	1600426.35	479338.71	1525906972679.45	976.44	1028.99	0.90	NV
PR 4	328793.22	130474.77	69482123206.93	459.70	430.90	1.14	V

Calcolo parametri per non linearità (par. 7.3.1).

Le non linearità geometriche possono essere trascurate in base al paragrafo (7.3.1)

$$\theta = P\, d_r / V\, h <= 0.1$$

I risultati per i vari piani sono i seguenti:

P : carico verticale totale della parte di struttura sovrastante l'orizzontamento in esame
dx : spostamento orizzontale medio d'interpiano in direzione x
dy : spostamento orizzontale medio d'interpiano in direzione y
Vx : forza orizzontale totale in corrispondenza dell'orizzontamento in esame in direzione x
Vy : forza orizzontale totale in corrispondenza dell'orizzontamento in esame in direzione y
h : distanza tra l'orizzontamento in esame e quello immediatamente sottostante
θx : coefficiente non linearità in direzione x
θy : coefficiente non linearità in direzione y

Piano Reale	P [daN]	dx [cm]	dy [cm]	Vx [daN]	Vy [daN]	h [cm]	θx	θy
PR 0	1761692.02	---	---	-329186.62	-258090.71	---	---	---
PR 1	1766758.43	0.8903	2.0361	-338403.08	-264089.02	385.0	0.0121	0.0354
PR 2	1211793.83	1.4098	2.3676	-279003.73	-217931.18	385.0	0.0159	0.0342
PR 3	569933.57	0.9630	1.1839	-215251.67	-118869.36	350.0	0.0073	0.0162
PR 4	60124.25	1.1987	0.6105	-45047.21	-14237.07	300.0	0.0053	0.0086

5.5 ALLEGATO E - (Verifica Tamponamenti)

VERIFICA FUORI PIANO DI PANNELLI DI TAMPONAMENTO

Ai sensi del par. 7.3.6.2 e 7.2.3 del D.M. 17/01/2018

1. Introduzione

La seguente relazione è relativa alla verifica dei tamponamenti secondo i paragrafi 7.3.6.2 e 7.2.3 del D.M. 17/01/2018.Secondo le "Norme Tecniche per le Costruzioni", gli elementi costruttivi senza funzione strutturale devono essere verificati sotto l'azione sismica Fa, al fine di evitare collassi fragili e prematuri e la possibile espulsione in merito allo *Stato Limite di Salvaguardia della Vita (SLV).*
L'azione sismica corrispondente allo *SLV*, calcolata per ogni pannello, viene elaborata considerando una probabilità di superamento nel periodo di riferimento pari a 10%, e verrà applicata nel baricentro di ogni tamponamento in direzione ortogonale al piano del telaio in modo da produrre spostamenti e sollecitazioni "fuori piano".
La verifica consisterà nel confronto tra le sollecitazioni resistenti con quelle di calcolo generate dall'azione sismica. In presenza di più strati resistenti (ad esempio per le tamponature a cassetta) si considera che gli strati siano collegati trasversalmente. Nel caso di un solo strato la connessione non è necessaria.

2. Dati Sismici

Al fine di calcolare l'azione sismica *SLV* verranno utilizzati i seguenti parametri:

- Ag/g = 0.253
- F_0 = 2.619
- Suolo = B
- Cat. T. = T1

dove:
Ag/g : Accelerazione massima orizzontale al sito rapportata a g;
F_0 : Fattore di amplificazione dello spettro in accelerazione orizzontale;
Suolo : Categoria del sottosuolo di fondazione (Par. 3.2.2);
Cat. T. : Categoria topografica del sito (Par. 3.2.2).

3. Calcolo dell'azione sismica

Per ogni pannello di tamponamento l'azione sismica fuori piano è stata calcolata considerando le indicazioni del paragrafo 7.2.3. delle N.T.C. La formulazione utilizzata è la seguente:

$$F_a = \frac{S_a \cdot W_a}{q_a}$$

dove:

$$S_{i_j} = \varphi_{ij} \Gamma_i S_i(T_i)$$

$$\Gamma_i = \frac{\varphi_i^T M \tau}{\varphi_i^T M \varphi_i}$$

$$S_a = \sqrt{\sum_i \left[S_{ij} \cdot R\left(\frac{T_a}{T_i}; \xi_a\right)\right]^2}$$

$$R = \left[\left(2\xi_a \frac{T_a}{T_i}\right)^2 + \left(1 - \left(\frac{T_a}{T_i}\right)\right)^2\right]^{-\beta}$$

S_s : coefficiente che tiene conto della categoria del sottosuolo, pari a:

Categoria sottosuolo	S_s
A	1.00
B	1.00 ≤ 1.40 - 0.40 F Ag/g ≤ 1.20
C	1.00 ≤ 1.70 - 0.60 F Ag/g ≤ 1.50
D	0.90 ≤ 2.40 – 1.50 F Ag/g ≤ 1.80
E	1.00 ≤ 2.00 – 1.10 F Ag/g ≤ 1.60

S_t : coefficiente che tiene conto della categoria topografica, pari a:

Categoria topografica	S_t
T1	1.00
T2	1.20
T3	1.20
T4	1.40

T_a : periodo fondamentale di vibrazione dell'elemento non strutturale;
T_1 : periodo fondamentale di vibrazione della costruzione;
Z : quota del baricentro del tamponamento;
H : altezza della costruzione;
q_a : fattore di struttura dell'elemento;
F_a : Forza sismica agente sull'elemento.

Si riportano, per il caso in esame, le azioni sismiche per ogni pannello:

Tamp.	F. In.	F. Fin.	Piano	Pannello	Z [cm]	H [cm]	T_a [s]	T_1 [s]	W_a [daN]	q_a	F_a [daN]
1	1	2	1	1	645.00	1420	0.011	0.577	1147.51	2	254.22
				2	477.50	1420	0.022	0.577	1632.99	2	396.41
2	1	7	1	1	650.00	1420	0.012	0.381	746.90	2	217.07
				2	477.50	1420	0.022	0.381	986.97	2	324.82
3	2	3	1	1	645.00	1420	0.011	0.577	870.09	2	149.59
				2	477.50	1420	0.022	0.577	1238.20	2	230.05
4	3	4	1	1	645.00	1420	0.011	0.577	807.04	2	120.31
				2	477.50	1420	0.022	0.577	1148.48	2	182.79
5	4	5	1	1	645.00	1420	0.011	0.577	743.99	2	112.30
				2	477.50	1420	0.022	0.577	1058.76	2	170.74
6	5	6	1	1	645.00	1420	0.011	0.577	1008.80	2	182.01
				2	477.50	1420	0.022	0.577	1435.60	2	280.49
7	6	15	1	1	640.00	1420	0.009	0.381	1350.24	2	358.62
				2	477.50	1420	0.022	0.381	2081.62	2	650.47
8	7	10	1	1	650.00	1420	0.012	0.381	746.90	2	196.64
				2	477.50	1420	0.022	0.381	986.97	2	293.67
9	10	16	1	1	650.00	1420	0.012	0.381	746.90	2	181.87
				2	477.50	1420	0.022	0.381	986.97	2	270.23
10	15	22	1	1	640.00	1420	0.009	0.381	1350.24	2	308.87
				2	477.50	1420	0.022	0.381	2081.62	2	552.75
11	16	18	1	1	650.00	1420	0.012	0.381	746.90	2	174.22
				2	477.50	1420	0.022	0.381	986.97	2	256.64
12	18	23	1	1	650.00	1420	0.012	0.381	746.90	2	174.62
				2	477.50	1420	0.022	0.381	986.97	2	254.47
13	22	31	1	1	640.00	1420	0.009	0.381	1350.24	2	312.23
				2	477.50	1420	0.022	0.381	2081.62	2	543.76
14	23	25	1	1	650.00	1420	0.012	0.381	746.90	2	183.03
				2	477.50	1420	0.022	0.381	986.97	2	264.01
15	25	34	1	1	650.00	1420	0.012	0.381	774.06	2	205.95
				2	477.50	1420	0.022	0.381	1022.86	2	294.83
16	31	44	1	1	640.00	1420	0.009	0.381	1396.80	2	381.17
				2	477.50	1420	0.022	0.381	2153.40	2	651.02
17	34	39	1	1	650.00	1420	0.012	0.381	774.06	2	228.49

				2	477.50	1420	0.022	0.381	1022.86	2	325.67
18	45	39	1	1	650.00	1420	0.012	0.381	896.28	2	298.25
				2	477.50	1420	0.022	0.381	1184.37	2	424.28
19	41	40	1	1	640.00	1420	0.009	0.577	721.68	2	106.32
				2	477.50	1420	0.022	0.577	1112.59	2	176.23
20	41	42	1	1	645.00	1420	0.011	0.577	668.33	2	100.88
				2	477.50	1420	0.022	0.577	951.09	2	153.38
21	42	43	1	1	645.00	1420	0.011	0.577	378.30	2	63.17
				2	477.50	1420	0.022	0.577	538.35	2	96.83
22	43	44	1	1	645.00	1420	0.011	0.577	554.84	2	105.49
				2	477.50	1420	0.022	0.577	789.58	2	163.08
23	45	46	1	1	645.00	1420	0.011	0.577	1899.07	2	382.47
				2	477.50	1420	0.022	0.577	2702.52	2	593.81
24	1	2	2	1	1012.50	1420	0.006	0.577	838.57	2	297.45
				2	862.50	1420	0.022	0.577	1632.99	2	609.96
25	1	7	2	1	1017.50	1420	0.007	0.381	560.17	2	227.32
				2	862.50	1420	0.022	0.381	986.97	2	460.11
26	2	3	2	1	1012.50	1420	0.006	0.577	635.84	2	187.05
				2	862.50	1420	0.022	0.577	1238.20	2	376.41
27	3	4	2	1	1012.50	1420	0.006	0.577	589.76	2	163.65
				2	862.50	1420	0.022	0.577	1148.48	2	327.71
28	4	5	2	1	1012.50	1420	0.006	0.577	543.68	2	160.81
				2	862.50	1420	0.022	0.577	1058.76	2	325.97
29	5	6	2	1	1012.50	1420	0.006	0.577	737.20	2	258.82
				2	862.50	1420	0.022	0.577	1435.60	2	535.42
30	6	15	2	1	1007.50	1420	0.005	0.381	956.42	2	363.49
				2	862.50	1420	0.022	0.381	2081.62	2	930.40
31	7	10	2	1	1017.50	1420	0.007	0.381	560.17	2	208.39
				2	862.50	1420	0.022	0.381	986.97	2	425.84
32	10	16	2	1	1017.50	1420	0.007	0.381	560.17	2	198.21
				2	862.50	1420	0.022	0.381	986.97	2	407.82
33	15	22	2	1	1007.50	1420	0.005	0.381	956.42	2	329.49
				2	862.50	1420	0.022	0.381	2081.62	2	855.58
34	16	18	2	1	1017.50	1420	0.007	0.381	560.17	2	198.14
				2	862.50	1420	0.022	0.381	986.97	2	408.21
35	18	23	2	1	1017.50	1420	0.007	0.381	560.17	2	208.17
				2	862.50	1420	0.022	0.381	986.97	2	426.96
36	22	31	2	1	1007.50	1420	0.005	0.381	956.42	2	362.96
				2	862.50	1420	0.022	0.381	2081.62	2	933.45
37	23	25	2	1	1017.50	1420	0.007	0.381	560.17	2	226.98
				2	862.50	1420	0.022	0.381	986.97	2	461.84
38	25	34	2	1	1017.50	1420	0.007	0.381	580.54	2	262.29
				2	862.50	1420	0.022	0.381	1022.86	2	528.98
39	31	44	2	1	1007.50	1420	0.005	0.381	989.40	2	466.31
				2	862.50	1420	0.022	0.381	2153.40	2	1176.14
40	34	39	2	1	1017.50	1420	0.007	0.381	580.54	2	295.19
				2	862.50	1420	0.022	0.381	1022.86	2	590.59
41	40	41	2	1	1007.50	1420	0.005	0.577	511.19	2	141.68
				2	862.50	1420	0.022	0.577	1112.59	2	317.81
42	41	42	2	1	1012.50	1420	0.006	0.577	506.83	2	149.90
				2	862.50	1420	0.022	0.577	986.97	2	303.87
43	42	43	2	1	1012.50	1420	0.006	0.577	276.45	2	90.58
				2	862.50	1420	0.022	0.577	538.35	2	186.07
44	43	44	2	1	1012.50	1420	0.006	0.577	405.46	2	148.96
				2	862.50	1420	0.022	0.577	789.58	2	309.39
45	28	27	3	1	1347.50	1420	0.013	0.577	253.17	2	94.01
				2	1192.50	1420	0.013	0.577	253.17	2	94.01
46	27	36	3	1	1317.50	1420	0.005	0.381	643.11	2	373.39

				2	1192.50	1420	0.013	0.381	1097.07	2	668.76
47	29	28	3	1	1347.50	1420	0.013	0.577	407.89	2	161.45
				2	1192.50	1420	0.013	0.577	407.89	2	161.45
48	29	30	3	1	1317.50	1420	0.005	0.577	247.35	2	105.42
				2	1192.50	1420	0.013	0.577	421.95	2	184.05
49	36	41	3	1	1317.50	1420	0.005	0.381	296.82	2	196.90
				2	1192.50	1420	0.013	0.381	506.34	2	352.05
50	41	42	3	1	1317.50	1420	0.005	0.577	453.48	2	171.16
				2	1192.50	1420	0.013	0.577	773.58	2	297.44
51	42	43	3	1	1317.50	1420	0.005	0.577	247.35	2	105.42
				2	1192.50	1420	0.013	0.577	421.95	2	184.05

4. Tipologie di pannelli presenti

I pannelli di tamponamento presenti nella presente relazione hanno le seguenti caratteristiche tipologiche:

- *Pannelli rigidamente connessi*

Pannello Tipo 1
Descrizione : Tamponatura in mattoni forati con intercapedine e isolante termico. Spessore totale 32 cm.
Tipo malta = M10
Resistenza malta (f_m) = 100.00 daN/cm²
Resistenza blocco (f_{bk}) = 30.00 daN/cm²
Peso = 194 daN/m²

Strato	Descrizione	Spessore [cm]	Peso [daN/m³]	Connesso
1	Intonaco	2.0	1600.00	NO
2	Mattone forato	8.0	600.00	SI
3	Camera d'aria	4.0	0.00	NO
4	Isolante termico	4.0	150.00	NO
5	Mattone forato	12.0	600.00	SI
6	Intonaco	2.0	1800.00	NO

Gli strati considerati “connessi” contribuiscono sia come massa che come resistenza, i rimanenti strati si considerano solo come massa portata dagli strati connessi.

5. Verifica pannelli rigidamente connessi

I pannelli rigidamente connessi, ovvero che interferiscono con la deformabilità della struttura, vengono verificati, utilizzando l’azione sismica “fuori piano”, ipotizzando lo schema “dell’articolazione”, tenendo conto del meccanismo resistente ad arco (Paulay, T., & Priestley, M. J. N., "Seismic design of rein forced concrete and masonry buildings", John Wiley & Sons, 1992), in base al quale sotto l’azione “fuori piano” si formano delle cerniere agli estremi del pannello e in mezzeria.
La verifica verrà effettuata confrontando il valore resistente della forza orizzontale (relativa allo schema di plasticizzazione) con la forza sismica agente sul pannello. La forza resistente viene calcolata mediante l’analisi plastica del modello iniziale vincolato con:
- Cerniera in testa
- Incastro al piede

Il modello finale, equilibrato dai momenti resistenti applicati al piede e in mezzeria presenta i seguenti vincoli:
- Cerniera in testa
- Cerniera in mezzeria
- Cerniera al piede

Il modello utilizzato è applicabile per le tamponature interamente confinate dal telaio in c.a., grazie all’meccanismo di resistenza “ad arco” che si oppone all’espulsione fuori dal piano. I parapetti vengono invece verificati come una mensola incastrata alla base e considerando, dopo la rottura, l’equilibrio a ribaltamento della stessa.

La verifica all’azione sismica ha esito positivo se:

$$F_s \leq F_u$$

La verifica ai carichi orizzontali Hk ha esito positivo se:

$$H_k \leq F_{u_}Hk$$

dove:

F_s : Forza sismica agente sul tamponamento;
H_k : Carico variabile totale orizzontale (punto 3.1.4.1) agente sul tamponamento;
F_u : Forza massima resistente del meccanismo di collasso del tamponamento (azione sismica);
$F_{u_}Hk$: Forza massima resistente del meccanismo di collasso del tamponamento (azione Hk);
Mu_P : Momento resistente al piede del pannello;
Mu_M : Momento resistente in mezzeria del pannello;

I momenti resistenti sono calcolati mediante la seguente relazione:

$$M_r = \left(\frac{t^2 \cdot l_c \cdot \sigma_0}{2}\right) \cdot \left(1 - \frac{\sigma_0}{0.85 \cdot f_m}\right)$$

t : spessore della sezione da verificare considerando gli strati "connessi";
l_c : lunghezza della sezione da verificare;
σ_0 : tensione media agente sulla sezione calcolata come N/(l t);
f_m : resistenza unitaria della muratura;
s : F_u / F_s

Si riportano i dati relativi alla verifica all'azione sismica dei singoli pannelli:

Tamp.	F. In.	F. Fin.	Piano	Pannello	Tipo	t [cm]	l_c [cm]	f_m [daN/cm²]	Mu_P [daNcm]	Mu_M [daNcm]	Fu [daN]	Fs [daN]	s	Esito
1	1	2	1	1	1	28	455	11.0	15910.4	7993.9	981.5	254.2	3.86	V
				2	1	28	455	11.0	38018.4	27042.8	1991.4	396.4	5.02	V
2	1	7	1	1	1	28	275	11.0	10348.1	5201.2	592.9	217.1	2.73	V
				2	1	28	275	11.0	23689.6	17066.2	1250.2	324.8	3.85	V
3	2	3	1	1	1	28	345	11.0	12063.9	6061.3	744.2	149.6	4.97	V
				2	1	28	345	11.0	28827.2	20504.9	1510.0	230.1	6.56	V
4	3	4	1	1	1	28	320	11.0	11189.7	5622.1	690.3	120.3	5.74	V
				2	1	28	320	11.0	26738.2	19019.1	1400.6	182.8	7.66	V
5	4	5	1	1	1	28	295	11.0	10315.5	5182.8	636.3	112.3	5.67	V
				2	1	28	295	11.0	24649.3	17533.2	1291.2	170.7	7.56	V
6	5	6	1	1	1	28	400	11.0	13987.1	7027.6	862.8	182.0	4.74	V
				2	1	28	400	11.0	33422.8	23773.8	1750.7	280.5	6.24	V
7	6	15	1	1	1	28	580	11.0	18735.3	9409.7	1251.8	358.6	3.49	V
				2	1	28	580	11.0	46960.1	32947.6	2440.1	650.5	3.75	V
8	7	10	1	1	1	28	275	11.0	10348.1	5201.2	592.9	196.6	3.02	V
				2	1	28	275	11.0	23689.6	17066.2	1250.2	293.7	4.26	V
9	10	16	1	1	1	28	275	11.0	10348.1	5201.2	592.9	181.9	3.26	V
				2	1	28	275	11.0	23689.6	17066.2	1250.2	270.2	4.63	V
10	15	22	1	1	1	28	580	11.0	18735.3	9409.7	1251.8	308.9	4.05	V
				2	1	28	580	11.0	46960.1	32947.6	2440.1	552.8	4.41	V
11	16	18	1	1	1	28	275	11.0	10348.1	5201.2	592.9	174.2	3.40	V
				2	1	28	275	11.0	23689.6	17066.2	1250.2	256.6	4.87	V
12	18	23	1	1	1	28	275	11.0	10348.1	5201.2	592.9	174.6	3.40	V
				2	1	28	275	11.0	23689.6	17066.2	1250.2	254.5	4.91	V
13	22	31	1	1	1	28	580	11.0	18735.3	9409.7	1251.8	312.2	4.01	V
				2	1	28	580	11.0	46960.1	32947.6	2440.1	543.8	4.49	V
14	23	25	1	1	1	28	275	11.0	10348.1	5201.2	592.9	183.0	3.24	V
				2	1	28	275	11.0	23689.6	17066.2	1250.2	264.0	4.74	V
15	25	34	1	1	1	28	285	11.0	10724.4	5390.3	614.4	205.9	2.98	V
				2	1	28	285	11.0	24551.1	17686.8	1295.7	294.8	4.39	V
16	31	44	1	1	1	28	600	11.0	19381.3	9734.1	1295.0	381.2	3.40	V
				2	1	28	600	11.0	48579.5	34083.7	2524.3	651.0	3.88	V

17	34	39	1	1	1	28	285	11.0	10724.4	5390.3	614.4	228.5	2.69	V
				2	1	28	285	11.0	24551.1	17686.8	1295.7	325.7	3.98	V
18	45	39	1	1	1	28	330	11.0	12417.7	6241.4	711.4	298.2	2.39	V
				2	1	28	330	11.0	28427.6	20479.5	1500.2	424.3	3.54	V
19	41	40	1	1	1	28	310	11.0	10013.7	5029.3	669.1	106.3	6.29	V
				2	1	28	310	11.0	25099.4	17609.9	1304.2	176.2	7.40	V
20	41	42	1	1	1	28	265	11.0	9266.5	4655.8	571.6	100.9	5.67	V
				2	1	28	265	11.0	22142.6	15750.2	1159.8	153.4	7.56	V
21	42	43	1	1	1	28	150	11.0	5245.2	2635.3	323.6	63.2	5.12	V
				2	1	28	150	11.0	12533.5	8915.2	656.5	96.8	6.78	V
22	43	44	1	1	1	28	220	11.0	7692.9	3865.2	474.6	105.5	4.50	V
				2	1	28	220	11.0	18382.5	13075.6	962.9	163.1	5.90	V
23	45	46	1	1	1	28	753	11.0	26330.8	13229.4	1624.3	382.5	4.25	V
				2	1	28	753	11.0	62918.4	44754.3	3295.7	593.8	5.55	V
24	1	2	2	1	1	28	455	11.0	11657.3	5849.3	983.4	297.5	3.31	V
				2	1	28	455	11.0	33883.9	22848.9	1720.7	610.0	2.82	V
25	1	7	2	1	1	28	275	11.0	7781.4	3906.0	594.0	227.3	2.61	V
				2	1	28	275	11.0	21194.6	14535.4	1086.8	460.1	2.36	V
26	2	3	2	1	1	28	345	11.0	8839.0	4435.2	745.7	187.1	3.99	V
				2	1	28	345	11.0	25692.2	17325.0	1304.7	376.4	3.47	V
27	3	4	2	1	1	28	320	11.0	8198.5	4113.8	691.6	163.7	4.23	V
				2	1	28	320	11.0	23830.4	16069.6	1210.2	327.7	3.69	V
28	4	5	2	1	1	28	295	11.0	7558.0	3792.4	637.6	160.8	3.96	V
				2	1	28	295	11.0	21968.7	14814.1	1115.6	326.0	3.42	V
29	5	6	2	1	1	28	400	11.0	10248.1	5142.2	864.5	258.8	3.34	V
				2	1	28	400	11.0	29788.0	20087.0	1512.7	535.4	2.83	V
30	6	15	2	1	1	28	580	11.0	13305.5	6673.9	1254.3	363.5	3.45	V
				2	1	28	580	11.0	41681.6	27593.4	2094.5	930.4	2.25	V
31	7	10	2	1	1	28	275	11.0	7781.4	3906.0	594.0	208.4	2.85	V
				2	1	28	275	11.0	21194.6	14535.4	1086.8	425.8	2.55	V
32	10	16	2	1	1	28	275	11.0	7781.4	3906.0	594.0	198.2	3.00	V
				2	1	28	275	11.0	21194.6	14535.4	1086.8	407.8	2.66	V
33	15	22	2	1	1	28	580	11.0	13305.5	6673.9	1254.3	329.5	3.81	V
				2	1	28	580	11.0	41681.6	27593.4	2094.5	855.6	2.45	V
34	16	18	2	1	1	28	275	11.0	7781.4	3906.0	594.0	198.1	3.00	V
				2	1	28	275	11.0	21194.6	14535.4	1086.8	408.2	2.66	V
35	18	23	2	1	1	28	275	11.0	7781.4	3906.0	594.0	208.2	2.85	V
				2	1	28	275	11.0	21194.6	14535.4	1086.8	427.0	2.55	V
36	22	31	2	1	1	28	580	11.0	13305.5	6673.9	1254.3	363.0	3.46	V
				2	1	28	580	11.0	41681.6	27593.4	2094.5	933.4	2.24	V
37	23	25	2	1	1	28	275	11.0	7781.4	3906.0	594.0	227.0	2.62	V
				2	1	28	275	11.0	21194.6	14535.4	1086.8	461.8	2.35	V
38	25	34	2	1	1	28	285	11.0	8064.4	4048.0	615.6	262.3	2.35	V
				2	1	28	285	11.0	21965.3	15063.9	1126.3	529.0	2.13	V
39	31	44	2	1	1	28	600	11.0	13764.4	6904.0	1297.5	466.3	2.78	V
				2	1	28	600	11.0	43118.9	28544.9	2166.7	1176.1	1.84	V
40	34	39	2	1	1	28	285	11.0	8064.4	4048.0	615.6	295.2	2.09	V
				2	1	28	285	11.0	21965.3	15063.9	1126.3	590.6	1.91	V
41	40	41	2	1	1	28	310	11.0	7111.6	3567.1	670.4	141.7	4.73	V
				2	1	28	310	11.0	22278.1	14748.2	1119.4	317.8	3.52	V
42	41	42	2	1	1	28	275	11.0	7045.6	3535.3	594.4	149.9	3.96	V
				2	1	28	275	11.0	20479.3	13809.8	1040.0	303.9	3.42	V
43	42	43	2	1	1	28	150	11.0	3843.1	1928.3	324.2	90.6	3.58	V
				2	1	28	150	11.0	11170.5	7532.6	567.3	186.1	3.05	V
44	43	44	2	1	1	28	220	11.0	5636.5	2828.2	475.5	149.0	3.19	V
				2	1	28	220	11.0	16383.4	11047.8	832.0	309.4	2.69	V
45	28	27	3	1	1	28	90	11.0	3506.3	1762.7	194.0	94.0	2.06	V
				2	1	28	90	11.0	6936.4	5230.9	480.0	94.0	5.11	V

46	27	36	3	1	1	28	390	11.0	8946.8	4487.6	843.4	373.4	2.26	V
				2	1	28	390	11.0	23947.3	16488.3	1570.3	668.8	2.35	V
47	29	28	3	1	1	28	145	11.0	5649.0	2839.9	312.5	161.5	1.94	V
				2	1	28	145	11.0	11175.4	8427.5	773.3	161.5	4.79	V
48	29	30	3	1	1	28	150	11.0	3441.1	1726.0	324.4	105.4	3.08	V
				2	1	28	150	11.0	9210.5	6341.7	604.0	184.1	3.28	V
49	36	41	3	1	1	28	180	11.0	4129.3	2071.2	389.3	196.9	1.98	V
				2	1	28	180	11.0	11052.6	7610.0	724.8	352.1	2.06	V
50	41	42	3	1	1	28	275	11.0	6308.7	3164.3	594.7	171.2	3.47	V
				2	1	28	275	11.0	16885.9	11626.4	1107.3	297.4	3.72	V
51	42	43	3	1	1	28	150	11.0	3441.1	1726.0	324.4	105.4	3.08	V
				2	1	28	150	11.0	9210.5	6341.7	604.0	184.1	3.28	V

Si riportano i dati relativi alla verifica ai carichi orizzontali Hk (punto 3.1.4.1 NTC) per i singoli pannelli:

Tamp.	F. In.	F. Fin.	Piano	Pannello	Tipo	t [cm]	l_c [cm]	f_m [daN/cm²]	Mu_P [daNcm]	Mu_M [daNcm]	Fu_Hk [daN]	Hk [daN]	s	Esito
1	1	2	1	1	1	28	455	7.3	15833.0	1234.4	265.7	0.0	100000.00	V
				2	1	28	455	7.3	37564.1	23575.4	872.2	455.0	1.92	V
2	1	7	1	1	1	28	275	7.3	10293.9	1490.5	172.7	0.0	100000.00	V
				2	1	28	275	7.3	23397.3	14962.6	549.9	275.0	2.00	V
3	2	3	1	1	1	28	345	7.3	12005.2	936.0	201.4	0.0	100000.00	V
				2	1	28	345	7.3	28482.7	17875.8	661.3	345.0	1.92	V
4	3	4	1	1	1	28	320	7.3	11135.3	868.2	186.8	0.0	100000.00	V
				2	1	28	320	7.3	26418.7	16580.5	613.4	320.0	1.92	V
5	4	5	1	1	1	28	295	7.3	10265.4	800.3	172.2	0.0	100000.00	V
				2	1	28	295	7.3	24354.7	15285.1	565.5	295.0	1.92	V
6	5	6	1	1	1	28	400	7.3	13919.1	1085.2	233.6	0.0	100000.00	V
				2	1	28	400	7.3	33023.4	20725.6	766.8	400.0	1.92	V
7	6	15	1	1	1	28	580	7.3	18651.2	9388.6	623.8	0.0	100000.00	V
				2	1	28	580	7.3	46417.2	28543.4	1063.8	580.0	1.83	V
8	7	10	1	1	1	28	275	7.3	10293.9	1490.5	172.7	0.0	100000.00	V
				2	1	28	275	7.3	23397.3	14962.6	549.9	275.0	2.00	V
9	10	16	1	1	1	28	275	7.3	10293.9	1490.5	172.7	0.0	100000.00	V
				2	1	28	275	7.3	23397.3	14962.6	549.9	275.0	2.00	V
10	15	22	1	1	1	28	580	7.3	18651.2	9388.6	623.8	0.0	100000.00	V
				2	1	28	580	7.3	46417.2	28543.4	1063.8	580.0	1.83	V
11	16	18	1	1	1	28	275	7.3	10293.9	1490.5	172.7	0.0	1000	V

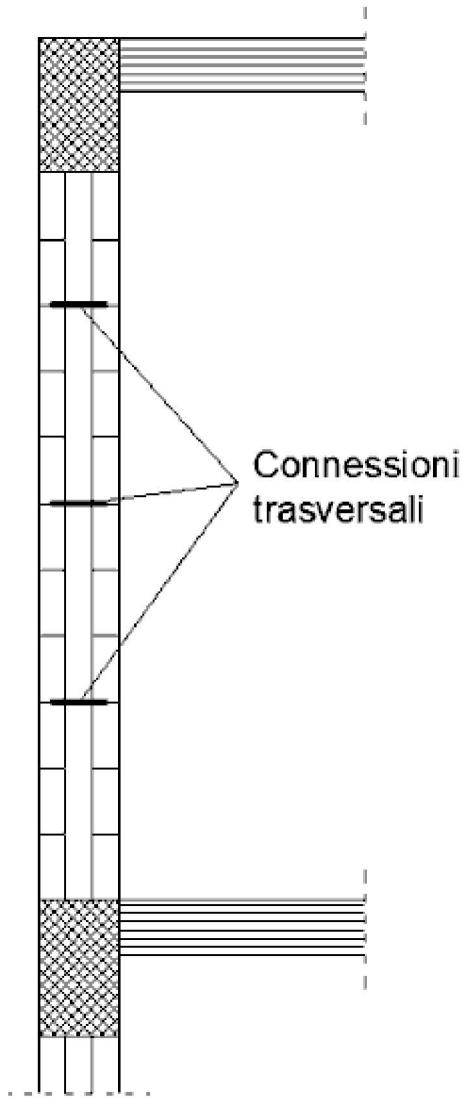
													00.0 0	
				2	1	28	275	7.3	23397.3	14962.6	549.9	275.0	2.00	V
12	18	23	1	1	1	28	275	7.3	10293.9	1490.5	172.7	0.0	1000 00.0 0	V
				2	1	28	275	7.3	23397.3	14962.6	549.9	275.0	2.00	V
13	22	31	1	1	1	28	580	7.3	18651.2	9388.6	623.8	0.0	1000 00.0 0	V
				2	1	28	580	7.3	46417.2	28543.4	1063.8	580.0	1.83	V
14	23	25	1	1	1	28	275	7.3	10293.9	1490.5	172.7	0.0	1000 00.0 0	V
				2	1	28	275	7.3	23397.3	14962.6	549.9	275.0	2.00	V
15	25	34	1	1	1	28	285	7.3	10668.2	1544.7	179.0	0.0	1000 00.0 0	V
				2	1	28	285	7.3	24248.2	15506.6	569.9	285.0	2.00	V
16	31	44	1	1	1	28	600	7.3	19294.4	9712.4	645.3	0.0	1000 00.0 0	V
				2	1	28	600	7.3	48017.8	29527.7	1100.5	600.0	1.83	V
17	34	39	1	1	1	28	285	7.3	10668.2	1544.7	179.0	0.0	1000 00.0 0	V
				2	1	28	285	7.3	24248.2	15506.6	569.9	285.0	2.00	V
18	45	39	1	1	1	28	330	7.3	12352.7	1788.6	207.3	0.0	1000 00.0 0	V
				2	1	28	330	7.3	28076.8	17955.1	659.8	330.0	2.00	V
19	41	40	1	1	1	28	310	7.3	9968.8	5018.1	333.4	0.0	1000 00.0 0	V
				2	1	28	310	7.3	24809.2	15256.0	568.6	310.0	1.83	V
20	41	42	1	1	1	28	265	7.3	9221.4	718.9	154.7	0.0	1000 00.0 0	V
				2	1	28	265	7.3	21878.0	13730.7	508.0	265.0	1.92	V
21	42	43	1	1	1	28	150	7.3	5219.7	406.9	87.6	0.0	1000 00.0 0	V
				2	1	28	150	7.3	12383.8	7772.1	287.5	150.0	1.92	V
22	43	44	1	1	1	28	220	7.3	7655.5	596.9	128.5	0.0	1000 00.0 0	V
				2	1	28	220	7.3	18162.9	11399.1	421.7	220.0	1.92	V
23	45	46	1	1	1	28	753	7.3	26202.7	2042.9	439.7	0.0	1000 00.0 0	V
				2	1	28	753	7.3	62166.5	39016.0	1443.4	753.0	1.92	V
24	1	2	2	1	1	28	455	7.3	11615.9	5839.0	490.4	0.0	1000 00.0 0	V
				2	1	28	455	7.3	33524.9	19420.8	740.0	455.0	1.63	V
25	1	7	2	1	1	28	275	7.3	7750.9	3898.3	296.1	0.0	1000 00.0 0	V
				2	1	28	275	7.3	20961.9	12457.4	470.1	275.0	1.71	V
26	2	3	2	1	1	28	345	7.3	8807.7	4427.3	371.8	0.0	1000	V

													00.00	
				2	1	28	345	7.3	25420.0	14725.7	561.1	345.0	1.63	V
27	3	4	2	1	1	28	320	7.3	8169.5	4106.5	344.9	0.0	100000.00	V
				2	1	28	320	7.3	23578.0	13658.6	520.4	320.0	1.63	V
28	4	5	2	1	1	28	295	7.3	7531.2	3785.7	317.9	0.0	100000.00	V
				2	1	28	295	7.3	21735.9	12591.5	479.8	295.0	1.63	V
29	5	6	2	1	1	28	400	7.3	10211.8	5133.2	431.1	0.0	100000.00	V
				2	1	28	400	7.3	29472.5	17073.3	650.5	400.0	1.63	V
30	6	15	2	1	1	28	580	7.3	13263.4	6663.3	625.6	0.0	100000.00	V
				2	1	28	580	7.3	41256.1	23235.2	894.9	580.0	1.54	V
31	7	10	2	1	1	28	275	7.3	7750.9	3898.3	296.1	0.0	100000.00	V
				2	1	28	275	7.3	20961.9	12457.4	470.1	275.0	1.71	V
32	10	16	2	1	1	28	275	7.3	7750.9	3898.3	296.1	0.0	100000.00	V
				2	1	28	275	7.3	20961.9	12457.4	470.1	275.0	1.71	V
33	15	22	2	1	1	28	580	7.3	13263.4	6663.3	625.6	0.0	100000.00	V
				2	1	28	580	7.3	41256.1	23235.2	894.9	580.0	1.54	V
34	16	18	2	1	1	28	275	7.3	7750.9	3898.3	296.1	0.0	100000.00	V
				2	1	28	275	7.3	20961.9	12457.4	470.1	275.0	1.71	V
35	18	23	2	1	1	28	275	7.3	7750.9	3898.3	296.1	0.0	100000.00	V
				2	1	28	275	7.3	20961.9	12457.4	470.1	275.0	1.71	V
36	22	31	2	1	1	28	580	7.3	13263.4	6663.3	625.6	0.0	100000.00	V
				2	1	28	580	7.3	41256.1	23235.2	894.9	580.0	1.54	V
37	23	25	2	1	1	28	275	7.3	7750.9	3898.3	296.1	0.0	100000.00	V
				2	1	28	275	7.3	20961.9	12457.4	470.1	275.0	1.71	V
38	25	34	2	1	1	28	285	7.3	8032.8	4040.1	306.9	0.0	100000.00	V
				2	1	28	285	7.3	21724.1	12910.4	487.2	285.0	1.71	V
39	31	44	2	1	1	28	600	7.3	13720.7	6893.1	647.2	0.0	100000.00	V
				2	1	28	600	7.3	42678.7	24036.4	925.8	600.0	1.54	V
40	34	39	2	1	1	28	285	7.3	8032.8	4040.1	306.9	0.0	100000.00	V
				2	1	28	285	7.3	21724.1	12910.4	487.2	285.0	1.71	V
41	40	41	2	1	1	28	310	7.3	7089.0	3561.4	334.4	0.0	1000	V

													00.0 0	
				2	1	28	310	7.3	22050.7	12418.8	478.3	310.0	1.54	V
42	41	42	2	1	1	28	275	7.3	7020.6	3529.0	296.4	0.0	1000 00.0 0	V
				2	1	28	275	7.3	20262.3	11737.9	447.3	275.0	1.63	V
43	42	43	2	1	1	28	150	7.3	3829.4	1924.9	161.7	0.0	1000 00.0 0	V
				2	1	28	150	7.3	11052.2	6402.5	244.0	150.0	1.63	V
44	43	44	2	1	1	28	220	7.3	5616.5	2823.2	237.1	0.0	1000 00.0 0	V
				2	1	28	220	7.3	16209.9	9390.3	357.8	220.0	1.63	V
45	28	27	3	1	1	28	90	7.3	3487.3	609.4	58.5	0.0	1000 00.0 0	V
				2	1	28	90	7.3	6860.3	4077.0	254.2	90.0	2.82	V
46	27	36	3	1	1	28	390	7.3	8918.5	4480.5	420.7	0.0	1000 00.0 0	V
				2	1	28	390	7.3	23739.7	11509.2	754.1	390.0	1.93	V
47	29	28	3	1	1	28	145	7.3	5618.4	981.8	94.3	0.0	1000 00.0 0	V
				2	1	28	145	7.3	11052.6	6568.4	409.6	145.0	2.82	V
48	29	30	3	1	1	28	150	7.3	3430.2	1723.3	161.8	0.0	1000 00.0 0	V
				2	1	28	150	7.3	9130.6	4426.6	290.0	150.0	1.93	V
49	36	41	3	1	1	28	180	7.3	4116.2	2067.9	194.2	0.0	1000 00.0 0	V
				2	1	28	180	7.3	10956.8	5311.9	348.0	180.0	1.93	V
50	41	42	3	1	1	28	275	7.3	6288.7	3159.3	296.6	0.0	1000 00.0 0	V
				2	1	28	275	7.3	16739.5	8115.4	531.7	275.0	1.93	V
51	42	43	3	1	1	28	150	7.3	3430.2	1723.3	161.8	0.0	1000 00.0 0	V
				2	1	28	150	7.3	9130.6	4426.6	290.0	150.0	1.93	V

6. Indicazioni costruttive

La realizzazione della muratura dovrà essere completata mediante elementi di connessione trasversale tra i paramenti verticali del tamponamento. La soluzione tecnologica proposta riguarda l'utilizzo di appositi connettori (in numero pari a 4/m²) oppure mediante strisce di rete elettrosaldata posta orizzontalmente tra i letti di malta.


Connessioni
trasversali

5.6 ALLEGATO F - (Pericolosità sismica di base)

Coordinate (Datum ED50) del sito : Latitudine = 38.4689° - Longitudine = 14.9522°

Identificativi e coordinate (Datum ED50) dei punti che includono il sito														
			SLV			SLC			SLD			SLO		
Punto	Lat. [°]	Long. [°]	Acc. sismica	Coeff. Fo	Period o Tc*	Acc. sismica	Coeff. Fo	Period o Tc*	Acc. sismica	Coeff. Fo	Period o Tc*	Acc. sismica	Coeff. Fo	Period o Tc*
1	38.9074	14.7273	0.258	2.619	0.312	0.326	2.697	0.319	0.102	2.511	0.294	0.079	2.474	0.289
2	38.9054	15.3799	0.258	2.619	0.312	0.326	2.697	0.319	0.102	2.511	0.294	0.079	2.474	0.289

I valori dei parametri p (ag, Fo, Tc*) di interesse per la definizione dell'azione sismica di progetto sono stati calcolati come media pesata dei valori assunti da tali parametri nei quattro vertici della maglia elementare del *reticolo di riferimento* contenente il punto in esame, utilizzando come pesi gli inversi delle distanze tra il punto in questione ed i quattro vertici, attraverso la seguente espressione:

$$p = \Sigma_{(i=1..4)}[p_i / d_i] / \Sigma_{(i=1..4)}[1 / d_i]$$

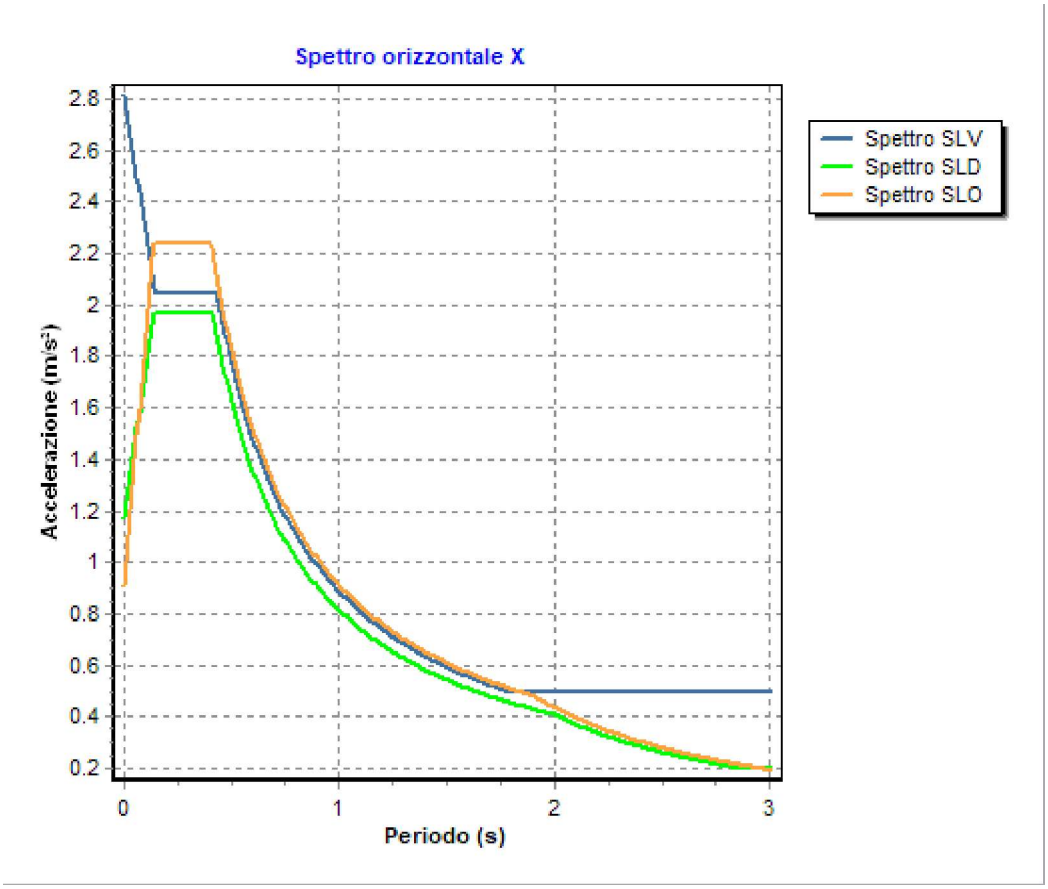
nella quale:

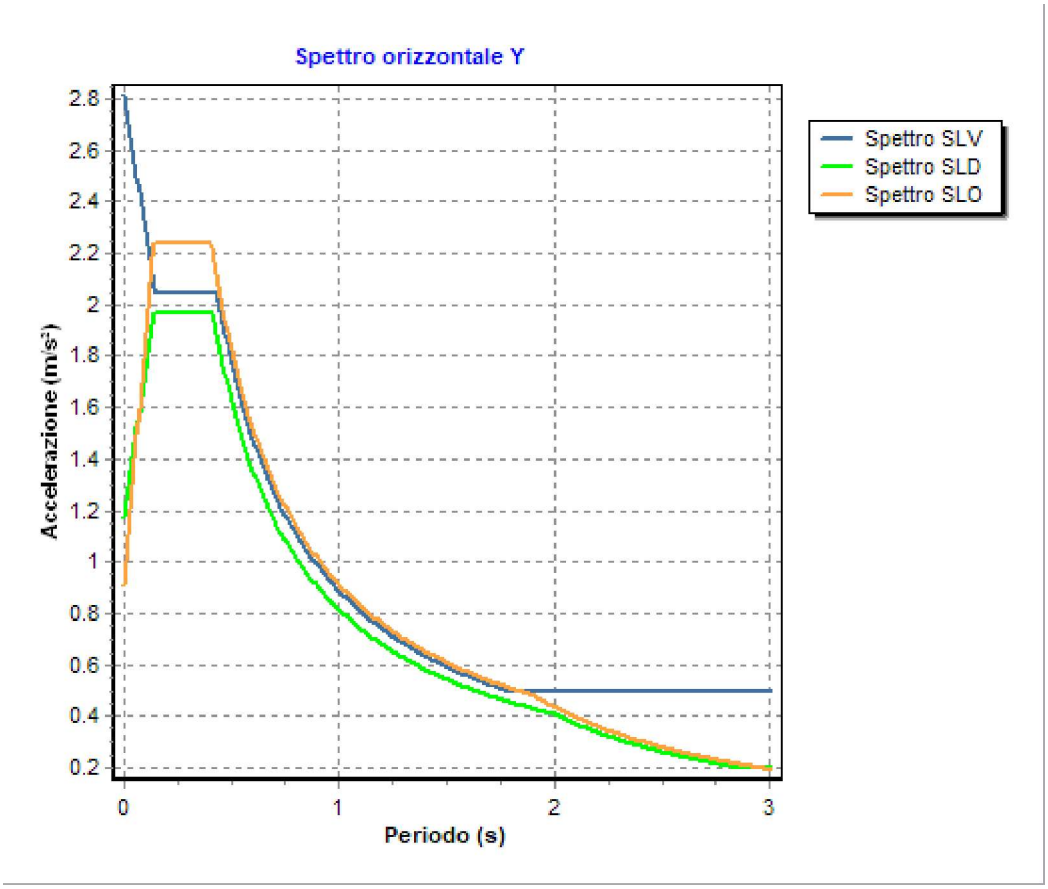
p : valore del parametro di interesse nel punto in esame;

p_i : valore del parametro di interesse nell'i-esimo punto della maglia elementare contenente il punto in esame;

d_i : è la distanza del punto in esame dall'i-esimo punto della maglia suddetta.

	Parametri dello spettro di risposta orizzontale			
	SLV	SLC	SLD	SLO
Tempo di ritorno	712	1462	75	45
Accelerazione sismica	0.253	0.319	0.100	0.077
Coefficiente Fo	2.619	2.697	2.511	2.474
Periodo T_C*	0.312	0.319	0.294	0.289


Spettro orizzontale X
Accelerazione (m/s²)
Periodo (s)
Spettro SLV
Spettro SLD
Spettro SLO


Spettro orizzontale Y
Accelerazione (m/s²)
Periodo (s)
Spettro SLV
Spettro SLD
Spettro SLO

6 RELAZIONE GEOTECNICA

6.1 DESCRIZIONE DELL'OPERA E DEGLI INTERVENTI.

Nella presente relazione vengono riportati i risultati delle elaborazioni a carattere geotecnico eseguite per le opere di fondazione da realizzare nell'ambito dei lavori di:

Ampliamento dell'Istituto Superiore"I.C.E. Vainicher" - PROGETTO ESECUTIVO -

I risultati delle indagini effettuate, degli studi eseguiti e delle valutazioni geotecniche operate, parte integrante degli elaborati progettuali relativi ai lavori in oggetto, faranno riferimento per le caratteristiche geotecniche dei terreni di fondazione ai dati riportati nella Relazione geologico-tecnica redatta dal dott. geol.

TIPOLOGIA STRUTTURALE IN DIREZIONE X:
Strutture a telaio, a pareti accoppiate, miste

TIPOLOGIA STRUTTURALE IN DIREZIONE Y:
Strutture a telaio, a pareti accoppiate, miste

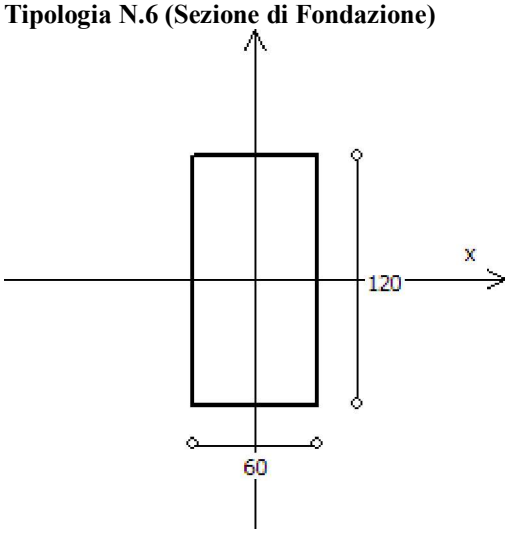
TIPOLOGIA FONDAZIONI:
Fondazioni superficiali, quindi del tipo dirette, costituite da platee di fondazione e da un reticolo di travi rovesce.

Descrizione delle tipologie di fondazione utilizzate.

Nell'ambito dei lavori in oggetto si sono utilizzate le seguenti tipologie di fondazione: travi rovesce, platee, le cui dimensioni e la loro ubicazione vengono di seguito meglio descritte.

Descrizione delle tipologie di travi di fondazione utilizzate.

Tipologia N.6 (Sezione di Fondazione)



A = 7200 cm²
Jx = 8640000 cm^4
Jy = 2160000 cm^4
Jt = 5931360 cm^4
Materiale = Cls2
Peso = 1800 daN/ml

Caratteristiche delle travi di fondazione con la loro ubicazione in pianta.

Asta : numerazione dell'asta;
Fili : fili fissi ai quali appartiene l'asta;

Nodo Iniziale : nodo iniziale dell'asta;
Nodo Finale : nodo finale dell'asta;
SEZIONE : sezione trasversale associata all'asta;
L : lunghezza teorica (nodo-nodo) dell'asta;
Impalcato : impalcato di appartenenza dell'asta;
KwN : modulo di Winkler normale;
KwT : modulo di Winkler tangenziale;

Asta	Fili	Nodo Iniziale	Nodo Finale	SEZIONE	L [cm]	Impalcato	KwN [daN/cm³]	KwT [daN/cm³]
1	1, 2	1	274	6	88.33	Fondazione	5.00	2.50
2	1, 2	274	273	6	88.33	Fondazione	5.00	2.50
3	1, 2	273	272	6	88.33	Fondazione	5.00	2.50
4	1, 2	272	271	6	88.33	Fondazione	5.00	2.50
5	1, 2	271	270	6	88.33	Fondazione	5.00	2.50
6	1, 2	270	2	6	88.33	Fondazione	5.00	2.50
7	1, 7	1	7	6	305.00	Fondazione	5.00	2.50
8	2, 3	2	269	6	81.00	Fondazione	5.00	2.50
9	2, 3	269	268	6	81.00	Fondazione	5.00	2.50
10	2, 3	268	267	6	81.00	Fondazione	5.00	2.50
11	2, 3	267	266	6	81.00	Fondazione	5.00	2.50
12	2, 3	266	3	6	81.00	Fondazione	5.00	2.50
13	2, 8	2	303	6	76.25	Fondazione	5.00	2.50
14	2, 8	303	304	6	76.25	Fondazione	5.00	2.50
15	2, 8	304	305	6	76.25	Fondazione	5.00	2.50
16	2, 8	305	8	6	76.25	Fondazione	5.00	2.50
17	3, 4	3	265	6	93.75	Fondazione	5.00	2.50
18	3, 4	265	264	6	93.75	Fondazione	5.00	2.50
19	3, 4	264	263	6	93.75	Fondazione	5.00	2.50
20	3, 4	263	4	6	93.75	Fondazione	5.00	2.50
21	3, 9	3	306	6	76.25	Fondazione	5.00	2.50
22	3, 9	306	307	6	76.25	Fondazione	5.00	2.50
23	3, 9	307	308	6	76.25	Fondazione	5.00	2.50
24	3, 9	308	9	6	76.25	Fondazione	5.00	2.50
25	4, 5	4	262	6	91.25	Fondazione	5.00	2.50
26	4, 5	262	261	6	91.25	Fondazione	5.00	2.50
27	4, 5	261	260	6	91.25	Fondazione	5.00	2.50
28	4, 5	260	5	6	91.25	Fondazione	5.00	2.50
29	4, 13	4	309	6	87.14	Fondazione	5.00	2.50
30	4, 13	309	310	6	87.14	Fondazione	5.00	2.50
31	4, 13	310	311	6	87.14	Fondazione	5.00	2.50
32	4, 13	311	312	6	87.14	Fondazione	5.00	2.50
33	4, 13	312	313	6	87.14	Fondazione	5.00	2.50
34	4, 13	313	314	6	87.14	Fondazione	5.00	2.50
35	4, 13	314	13	6	87.14	Fondazione	5.00	2.50
36	5, 6	5	259	6	98.00	Fondazione	5.00	2.50
37	5, 6	259	258	6	98.00	Fondazione	5.00	2.50
38	5, 6	258	257	6	98.00	Fondazione	5.00	2.50
39	5, 6	257	256	6	98.00	Fondazione	5.00	2.50
40	5, 6	256	6	6	98.00	Fondazione	5.00	2.50
41	5, 14	5	315	6	87.14	Fondazione	5.00	2.50
42	5, 14	315	316	6	87.14	Fondazione	5.00	2.50
43	5, 14	316	317	6	87.14	Fondazione	5.00	2.50
44	5, 14	317	318	6	87.14	Fondazione	5.00	2.50
45	5, 14	318	319	6	87.14	Fondazione	5.00	2.50
46	5, 14	319	320	6	87.14	Fondazione	5.00	2.50
47	5, 14	320	14	6	87.14	Fondazione	5.00	2.50
48	6, 15	6	255	6	87.14	Fondazione	5.00	2.50
49	6, 15	255	254	6	87.14	Fondazione	5.00	2.50
50	6, 15	254	253	6	87.14	Fondazione	5.00	2.50
51	6, 15	253	252	6	87.14	Fondazione	5.00	2.50
52	6, 15	252	251	6	87.14	Fondazione	5.00	2.50
53	6, 15	251	250	6	87.14	Fondazione	5.00	2.50
54	6, 15	250	15	6	87.14	Fondazione	5.00	2.50
55	7, 8	7	8	6	530.00	Fondazione	5.00	2.50
56	7, 10	7	10	6	305.00	Fondazione	5.00	2.50
57	8, 9	8	321	6	81.00	Fondazione	5.00	2.50
58	8, 9	321	322	6	81.00	Fondazione	5.00	2.50
59	8, 9	322	323	6	81.00	Fondazione	5.00	2.50
60	8, 9	323	324	6	81.00	Fondazione	5.00	2.50
61	8, 9	324	9	6	81.00	Fondazione	5.00	2.50

62	8, 11	8	325	6	76.25	Fondazione	5.00	2.50
63	8, 11	325	326	6	76.25	Fondazione	5.00	2.50
64	8, 11	326	327	6	76.25	Fondazione	5.00	2.50
65	8, 11	327	11	6	76.25	Fondazione	5.00	2.50
66	12, 9	12	328	6	76.29	Fondazione	5.00	2.50
67	12, 9	328	329	6	76.29	Fondazione	5.00	2.50
68	12, 9	329	330	6	76.29	Fondazione	5.00	2.50
69	12, 9	330	9	6	76.29	Fondazione	5.00	2.50
70	10, 11	10	11	6	530.00	Fondazione	5.00	2.50
71	10, 16	10	16	6	305.00	Fondazione	5.00	2.50
72	11, 12	11	331	6	83.00	Fondazione	5.00	2.50
73	11, 12	331	332	6	83.00	Fondazione	5.00	2.50
74	11, 12	332	333	6	83.00	Fondazione	5.00	2.50
75	11, 12	333	334	6	83.00	Fondazione	5.00	2.50
76	11, 12	334	12	6	83.00	Fondazione	5.00	2.50
77	12, 13	12	335	6	91.25	Fondazione	5.00	2.50
78	12, 13	335	336	6	91.25	Fondazione	5.00	2.50
79	12, 13	336	337	6	91.25	Fondazione	5.00	2.50
80	12, 13	337	13	6	91.25	Fondazione	5.00	2.50
81	12, 17	12	338	6	76.26	Fondazione	5.00	2.50
82	12, 17	338	339	6	76.26	Fondazione	5.00	2.50
83	12, 17	339	340	6	76.26	Fondazione	5.00	2.50
84	12, 17	340	17	6	76.26	Fondazione	5.00	2.50
85	13, 14	13	341	6	91.25	Fondazione	5.00	2.50
86	13, 14	341	342	6	91.25	Fondazione	5.00	2.50
87	13, 14	342	343	6	91.25	Fondazione	5.00	2.50
88	13, 14	343	14	6	91.25	Fondazione	5.00	2.50
89	13, 20	13	344	6	87.14	Fondazione	5.00	2.50
90	13, 20	344	345	6	87.14	Fondazione	5.00	2.50
91	13, 20	345	346	6	87.14	Fondazione	5.00	2.50
92	13, 20	346	347	6	87.14	Fondazione	5.00	2.50
93	13, 20	347	348	6	87.14	Fondazione	5.00	2.50
94	13, 20	348	349	6	87.14	Fondazione	5.00	2.50
95	13, 20	349	20	6	87.14	Fondazione	5.00	2.50
96	14, 15	14	350	6	98.00	Fondazione	5.00	2.50
97	14, 15	350	351	6	98.00	Fondazione	5.00	2.50
98	14, 15	351	352	6	98.00	Fondazione	5.00	2.50
99	14, 15	352	353	6	98.00	Fondazione	5.00	2.50
100	14, 15	353	15	6	98.00	Fondazione	5.00	2.50
101	14, 21	14	354	6	87.14	Fondazione	5.00	2.50
102	14, 21	354	355	6	87.14	Fondazione	5.00	2.50
103	14, 21	355	356	6	87.14	Fondazione	5.00	2.50
104	14, 21	356	357	6	87.14	Fondazione	5.00	2.50
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110	15, 22	248	247	6	87.14	Fondazione	5.00	2.50
111	15, 22	247	246	6	87.14	Fondazione	5.00	2.50
112	15, 22	246	245	6	87.14	Fondazione	5.00	2.50
113	15, 22	245	244	6	87.14	Fondazione	5.00	2.50
114	15, 22	244	22	6	87.14	Fondazione	5.00	2.50
115	16, 17	16	17	6	950.00	Fondazione	5.00	2.50
116	16, 18	16	18	6	305.00	Fondazione	5.00	2.50
117	17, 19	17	360	6	76.25	Fondazione	5.00	2.50
118	17, 19	360	361	6	76.25	Fondazione	5.00	2.50
119	17, 19	361	362	6	76.25	Fondazione	5.00	2.50
120	17, 19	362	19	6	76.25	Fondazione	5.00	2.50
121	18, 19	18	19	6	950.00	Fondazione	5.00	2.50
122	18, 23	18	23	6	305.00	Fondazione	5.00	2.50
123	19, 20	19	363	6	90.00	Fondazione	5.00	2.50
124	19, 20	363	364	6	90.00	Fondazione	5.00	2.50
125	19, 20	364	365	6	90.00	Fondazione	5.00	2.50
126	19, 20	365	20	6	90.00	Fondazione	5.00	2.50
127	19, 24	19	366	6	76.25	Fondazione	5.00	2.50
128	19, 24	366	367	6	76.25	Fondazione	5.00	2.50
129	19, 24	367	368	6	76.25	Fondazione	5.00	2.50
130	19, 24	368	24	6	76.25	Fondazione	5.00	2.50
131	20, 21	20	369	6	91.25	Fondazione	5.00	2.50
132	20, 21	369	370	6	91.25	Fondazione	5.00	2.50
133	20, 21	370	371	6	91.25	Fondazione	5.00	2.50

134	20, 21	371	21	6	91.25	Fondazione	5.00	2.50
135	20, 47	20	372	6	76.27	Fondazione	5.00	2.50
136	20, 47	372	373	6	76.27	Fondazione	5.00	2.50
137	20, 47	373	374	6	76.27	Fondazione	5.00	2.50
138	20, 47	374	47	6	76.27	Fondazione	5.00	2.50
139	21, 22	21	375	6	82.50	Fondazione	5.00	2.50
140	21, 22	375	50	6	82.50	Fondazione	5.00	2.50
141	21, 22	50	376	6	81.25	Fondazione	5.00	2.50
142	21, 22	376	377	6	81.25	Fondazione	5.00	2.50
143	21, 22	377	378	6	81.25	Fondazione	5.00	2.50
144	21, 22	378	22	6	81.25	Fondazione	5.00	2.50
145	21, 48	21	379	6	76.27	Fondazione	5.00	2.50
146	21, 48	379	380	6	76.27	Fondazione	5.00	2.50
147	21, 48	380	381	6	76.27	Fondazione	5.00	2.50
148	21, 48	381	48	6	76.27	Fondazione	5.00	2.50
149	22, 31	22	243	6	87.14	Fondazione	5.00	2.50
150	22, 31	243	242	6	87.14	Fondazione	5.00	2.50
151	22, 31	242	241	6	87.14	Fondazione	5.00	2.50
152	22, 31	241	240	6	87.14	Fondazione	5.00	2.50
153	22, 31	240	239	6	87.14	Fondazione	5.00	2.50
154	22, 31	239	238	6	87.14	Fondazione	5.00	2.50
155	22, 31	238	31	6	87.14	Fondazione	5.00	2.50
156	23, 24	23	24	6	950.00	Fondazione	5.00	2.50
157	23, 25	23	25	6	305.00	Fondazione	5.00	2.50
158	24, 26	24	382	6	76.25	Fondazione	5.00	2.50
159	24, 26	382	383	6	76.25	Fondazione	5.00	2.50
160	24, 26	383	384	6	76.25	Fondazione	5.00	2.50
161	24, 26	384	26	6	76.25	Fondazione	5.00	2.50
162	24, 47	24	385	6	88.13	Fondazione	5.00	2.50
163	24, 47	385	386	6	88.13	Fondazione	5.00	2.50
164	24, 47	386	387	6	88.13	Fondazione	5.00	2.50
165	24, 47	387	47	6	88.13	Fondazione	5.00	2.50
166	25, 26	25	26	6	950.00	Fondazione	5.00	2.50
167	25, 34	25	34	6	315.00	Fondazione	5.00	2.50
168	26, 27	26	388	6	93.75	Fondazione	5.00	2.50
169	26, 27	388	389	6	93.75	Fondazione	5.00	2.50
170	26, 27	389	390	6	93.75	Fondazione	5.00	2.50
171	26, 27	390	27	6	93.75	Fondazione	5.00	2.50
172	26, 35	26	391	6	78.75	Fondazione	5.00	2.50
173	26, 35	391	392	6	78.75	Fondazione	5.00	2.50
174	26, 35	392	393	6	78.75	Fondazione	5.00	2.50
175	26, 35	393	35	6	78.75	Fondazione	5.00	2.50
176	27, 28	27	394	6	70.00	Fondazione	5.00	2.50
177	27, 28	394	28	6	70.00	Fondazione	5.00	2.50
178	27, 36	27	395	6	84.02	Fondazione	5.00	2.50
179	27, 36	395	396	6	84.02	Fondazione	5.00	2.50
180	27, 36	396	397	6	84.02	Fondazione	5.00	2.50
181	27, 36	397	398	6	84.02	Fondazione	5.00	2.50
182	27, 36	398	36	6	84.02	Fondazione	5.00	2.50
183	47, 27	47	399	6	76.46	Fondazione	5.00	2.50
184	47, 27	399	400	6	76.46	Fondazione	5.00	2.50
185	47, 27	400	401	6	76.46	Fondazione	5.00	2.50
186	47, 27	401	27	6	76.46	Fondazione	5.00	2.50
187	28, 29	28	402	6	97.50	Fondazione	5.00	2.50
188	28, 29	402	29	6	97.50	Fondazione	5.00	2.50
189	29, 30	29	403	6	70.00	Fondazione	5.00	2.50
190	29, 30	403	404	6	70.00	Fondazione	5.00	2.50
191	29, 30	404	30	6	70.00	Fondazione	5.00	2.50
192	29, 33	29	405	6	70.18	Fondazione	5.00	2.50
193	29, 33	405	406	6	70.18	Fondazione	5.00	2.50
194	29, 33	406	33	6	70.18	Fondazione	5.00	2.50
195	48, 29	48	407	6	76.46	Fondazione	5.00	2.50
196	48, 29	407	408	6	76.46	Fondazione	5.00	2.50
197	48, 29	408	409	6	76.46	Fondazione	5.00	2.50
198	48, 29	409	29	6	76.46	Fondazione	5.00	2.50
199	30, 31	30	410	6	98.33	Fondazione	5.00	2.50
200	30, 31	410	411	6	98.33	Fondazione	5.00	2.50
201	30, 31	411	31	6	98.33	Fondazione	5.00	2.50
202	30, 43	30	412	6	90.00	Fondazione	5.00	2.50
203	30, 43	412	413	6	90.00	Fondazione	5.00	2.50
204	30, 43	413	414	6	90.00	Fondazione	5.00	2.50
205	30, 43	414	415	6	90.00	Fondazione	5.00	2.50

206	30, 43	415	416	6	90.00	Fondazione	5.00	2.50
207	30, 43	416	417	6	90.00	Fondazione	5.00	2.50
208	30, 43	417	43	6	90.00	Fondazione	5.00	2.50
209	31, 44	31	237	6	90.00	Fondazione	5.00	2.50
210	31, 44	237	236	6	90.00	Fondazione	5.00	2.50
211	31, 44	236	235	6	90.00	Fondazione	5.00	2.50
212	31, 44	235	234	6	90.00	Fondazione	5.00	2.50
213	31, 44	234	233	6	90.00	Fondazione	5.00	2.50
214	31, 44	233	232	6	90.00	Fondazione	5.00	2.50
215	31, 44	232	44	6	90.00	Fondazione	5.00	2.50
216	32, 33	32	418	6	70.00	Fondazione	5.00	2.50
217	32, 33	418	419	6	70.00	Fondazione	5.00	2.50
218	32, 33	419	33	6	70.00	Fondazione	5.00	2.50
219	32, 37	32	420	6	70.00	Fondazione	5.00	2.50
220	32, 37	420	421	6	70.00	Fondazione	5.00	2.50
221	32, 37	421	37	6	70.00	Fondazione	5.00	2.50
222	33, 38	33	422	6	70.00	Fondazione	5.00	2.50
223	33, 38	422	423	6	70.00	Fondazione	5.00	2.50
224	33, 38	423	38	6	70.00	Fondazione	5.00	2.50
225	34, 35	34	35	6	950.00	Fondazione	5.00	2.50
226	34, 39	34	39	6	315.00	Fondazione	5.00	2.50
227	35, 40	35	40	6	330.61	Fondazione	5.00	2.50
228	36, 37	36	424	6	75.00	Fondazione	5.00	2.50
229	36, 37	424	37	6	75.00	Fondazione	5.00	2.50
230	36, 41	36	425	6	70.18	Fondazione	5.00	2.50
231	36, 41	425	426	6	70.18	Fondazione	5.00	2.50
232	36, 41	426	41	6	70.18	Fondazione	5.00	2.50
233	37, 38	37	427	6	70.00	Fondazione	5.00	2.50
234	37, 38	427	428	6	70.00	Fondazione	5.00	2.50
235	37, 38	428	38	6	70.00	Fondazione	5.00	2.50
236	38, 42	38	429	6	70.18	Fondazione	5.00	2.50
237	38, 42	429	430	6	70.18	Fondazione	5.00	2.50
238	38, 42	430	42	6	70.18	Fondazione	5.00	2.50
239	39, 45	39	45	6	361.25	Fondazione	5.00	2.50
240	39, 49	39	49	6	750.15	Fondazione	5.00	2.50
241	40, 41	40	41	6	360.31	Fondazione	5.00	2.50
242	49, 40	49	460	6	73.33	Fondazione	5.00	2.50
243	49, 40	460	459	6	73.33	Fondazione	5.00	2.50
244	49, 40	459	40	6	73.33	Fondazione	5.00	2.50
245	41, 42	41	431	6	82.50	Fondazione	5.00	2.50
246	41, 42	431	432	6	82.50	Fondazione	5.00	2.50
247	41, 42	432	433	6	82.50	Fondazione	5.00	2.50
248	41, 42	433	42	6	82.50	Fondazione	5.00	2.50
249	42, 43	42	434	6	70.00	Fondazione	5.00	2.50
250	42, 43	434	435	6	70.00	Fondazione	5.00	2.50
251	42, 43	435	43	6	70.00	Fondazione	5.00	2.50
252	43, 44	43	436	6	98.33	Fondazione	5.00	2.50
253	43, 44	436	437	6	98.33	Fondazione	5.00	2.50
254	43, 44	437	44	6	98.33	Fondazione	5.00	2.50
255	45, 46	45	207	6	90.33	Fondazione	5.00	2.50
256	45, 46	207	208	6	90.33	Fondazione	5.00	2.50
257	45, 46	208	209	6	90.33	Fondazione	5.00	2.50
258	45, 46	209	210	6	90.33	Fondazione	5.00	2.50
259	45, 46	210	211	6	90.33	Fondazione	5.00	2.50
260	45, 46	211	212	6	90.33	Fondazione	5.00	2.50
261	45, 46	212	213	6	90.33	Fondazione	5.00	2.50
262	45, 46	213	214	6	90.33	Fondazione	5.00	2.50
263	45, 46	214	46	6	90.33	Fondazione	5.00	2.50
264	46, 49	46	215	6	89.33	Fondazione	5.00	2.50
265	46, 49	215	216	6	89.33	Fondazione	5.00	2.50
266	46, 49	216	217	6	89.33	Fondazione	5.00	2.50
267	46, 49	217	49	6	89.33	Fondazione	5.00	2.50
268	47, 48	47	438	6	95.00	Fondazione	5.00	2.50
269	47, 48	438	439	6	95.00	Fondazione	5.00	2.50
270	47, 48	439	440	6	95.00	Fondazione	5.00	2.50
271	47, 48	440	48	6	95.00	Fondazione	5.00	2.50

Descrizione delle platee di fondazione e loro ubicazione in pianta.

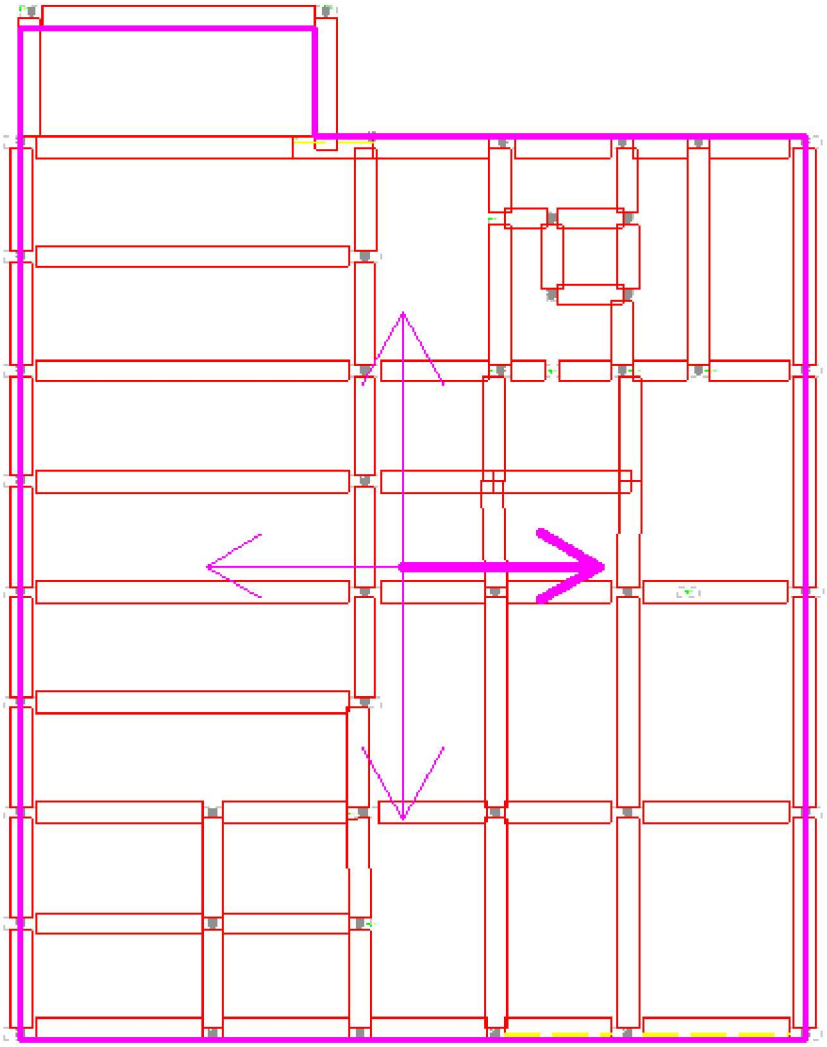
Platea : numero della platea;

Impalcato : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
Spessore : spessore della Piastra;
KwN : modulo di Winkler normale;
KwT : modulo di Winkler tangenziale;

Platea	Impalcato	Fili	Spessore [cm]	KwN [daN/cm³]	KwT [daN/cm³]
1	Fondazione	45, 46, 49, 44, 6, 1	60	5.00	2.50

Piante fondazioni.

Fondazione



6.2 RELAZIONE GEOTECNICA *(CAP. 6 delle N.T.C.)*

Problemi geotecnici e scelte tipologiche.

La caratterizzazione geotecnica dei terreni di fondazione compresi nel volume significativo, ovvero in quella parte di sottosuolo che viene influenzata direttamente o indirettamente dalle opere in oggetto, viene riportata in dettaglio nella relazione geologico-tecnica allegata.
Vengono di seguito indicati i parametri fondamentali per la valutazione della capacità portante del terreno di fondazione e le scelte tipologiche adottate per il dimensionamento delle opere di fondazione, non avendo riscontrato altre particolari problematiche di tipo geotecnico.
Al fine d'identificare la categoria di sottosuolo, tramite la conoscenza dello spessore e natura dei diversi strati che compongono il terreno sottostante il piano di posa delle fondazioni, per il dimensionamento strutturale e geotecnico delle stesse sono state effettuate delle indagini in sito ubicate nell'area oggetto dell'intervento.
L'area in esame è sostanzialmente pianeggiante, caratterizzata da un fattore di amplificazione topografico pari a T1, pertanto non si osservano variazioni di quota della superficie topografica degne di valutazioni particolari.

Descrizione del programma delle indagini e delle prove geotecniche.

Per definire la stratigrafia di progetto, dei terreni di sedime dei lavori in oggetto e per acquisire i parametri fisico-meccanici dei terreni in esame è stata condotta sull'area interessata dall'intervento di progetto una campagna di indagini.
Il programma delle indagini e delle prove con l'ubicazione delle stesse è stato definito a seguito di un attento sopralluogo dell'area in oggetto e risulta più ampiamente descritto nella relazione geologica allegata.

Caratterizzazione fisico meccanica dei terreni e definizione dei valori caratteristici dei parametri geotecnici.

- **Caratteristiche litostratigrafiche**

L'analisi dei risultati ottenuti dalle indagini per la caratterizzazione del suolo di fondazione sono meglio indicati nella relazione geologico-tecnica allegata. Per quanto riguarda l'aspetto geologico a seguito il rilevamento di un significativo intorno della zona in esame si è riscontrata la presenza delle seguenti successioni litostratigrafiche nelle relative sezioni geologiche (colonne stratigrafiche):

Filo : filo fisso al quale appartiene la colonna stratigrafica;
Colonna : nome della colonna stratigrafica;
Strato : nome dello strato appartenente la colonna stratigrafica;
Descrizione : descrizione dello strato;

Filo	Colonna	Strato	Descrizione
1	Colonna 1	Sabbia con limo debo	

- **Caratteristiche fisico meccaniche dei terreni di fondazione**

Nell'ambito del progetto si è fatto uso delle seguenti colonne stratigrafiche:

Caratteristiche delle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
Filo : filo fisso al quale appartiene la colonna stratigrafica;
Impalcato : Impalcato al quale appartiene la colonna stratigrafica;
Falda : Presenza della falda;
Prof. Falda : Profondità della falda (se è presente);
Spicc. Fond. : Quota dell'estradosso della fondazione rispetto al piano campagna;
No. Strati : Numero degli strati della colonna stratigrafica.
RQD : (Rock Quality Designation)grado di fratturazione dell'ammasso roccioso in [0-1]

Filo	Colonna	Impalcato	Falda	Prof. Falda [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
2	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
3	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
4	Colonna 1	Fondazione	Non Presente	-	0.00	1	-

5	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
6	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
7	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
8	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
9	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
10	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
11	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
12	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
13	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
14	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
15	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
16	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
17	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
18	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
19	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
20	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
21	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
22	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
23	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
24	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
25	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
26	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
27	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
28	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
29	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
30	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
31	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
32	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
33	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
34	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
35	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
36	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
37	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
38	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
39	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
40	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
41	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
42	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
43	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
44	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
45	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
46	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
47	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
48	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
49	Colonna 1	Fondazione	Non Presente	-	0.00	1	-

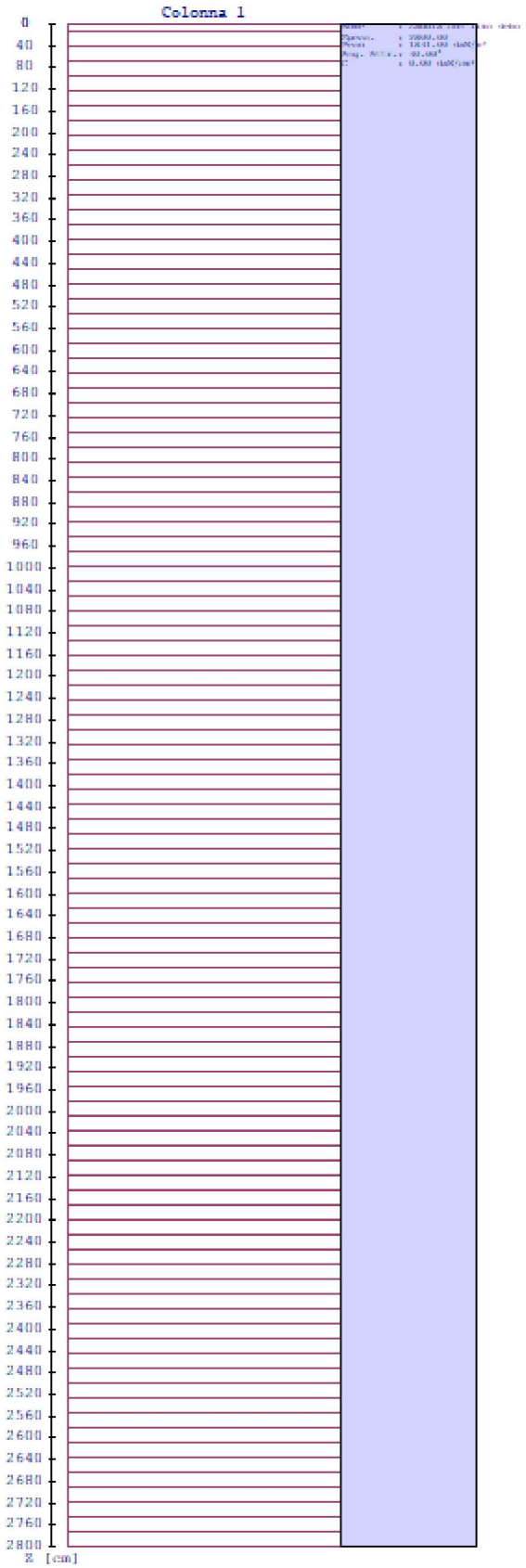
Caratteristiche degli strati appartenenti alle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
Strato : nome dello strato appartenente la colonna stratigrafica;
Spess. : Spessore dello strato;
Peso : Peso dell'unità di volume dello strato;
Peso eff. : Peso dell'unità di volume efficace dello strato;
NSPT : Numero di colpi medio misurato nello strato;
Qc : Resistenza alla punta media misurata nello strato;
ϕ : Angolo di attrito del terreno;
C : Coesione drenata del terreno;
Cu : Coesione non drenata del terreno;
E : Modulo elastico del terreno;
G : Modulo di taglio del terreno;
ν_t : Coefficiente di Poisson;
E_{ed} : Modulo Edometrico;
OCR : Grado di sovraconsolidazione del terreno.

Colonna	Strato	Spess. [cm]	Peso [daN/m³]	Peso eff. [daN/m³]	NSPT	Qc [daN/cm²]	ϕ [°]	C [daN/cm²]	Cu [daN/cm²]	E [daN/cm²]	G [daN/cm²]	ν_t	E_{ed} [daN/cm²]	OCR
Colonna	Sabbia	2800.0	1831.0	800.0	20	15.00	30.0	0.00	0.00	345.00	495.16	0.35	71.00	1.00

1	con limo debo													

- **Sezioni Geologiche:**



- **Caratterizzazione sismica del suolo di fondazione:**

La categoria assunta per il suolo di fondazione per il sito in oggetto è: B

Modelli geotecnici di sottosuolo e metodi di analisi.

L'interazione terreno struttura viene modellata applicando il modello di Winkler, il quale caratterizza il sottosuolo con una relazione lineare fra il cedimento in un punto della superficie limite e la pressione agente nello stesso punto, indipendentemente da altri carichi applicati in punti diversi. Si assume cioè che:

$$p = k_v w$$

dove K_vè detta costante di sottofondo o coefficiente di reazione del terreno e w è l'abbassamento della trave di fondazione tale da comprimere il terreno sottostante.
Il valore di tale coefficiente k adottato nel lavoro in oggetto (k_v = 5.00 daN/cm³), con riferimento ai dati geologico-geotecnici forniteci, è stato desunto da valori tabellati riportati in letteratura.
Tale modello viene esteso anche alla componente orizzontale dello spostamento, utilizzando un valore della costante orizzontale pari a k_o = 2.50 daN/cm³.

Le travi rovesce di fondazione vengono modellate utilizzando un elemento finito di tipo BEAM vincolato attraverso delle molle traslazionali e rotazionali diffuse atte a simulare l'iterazione terreno-fondazione.
In pratica viene aggiunto alla matrice di rigidezza elastica dell'asta il contributo delle molle ripartite sulle facce della fondazione. I valori di tali contributi sono calcolate computando i coefficienti funzione delle aree di contatto terreno-fondazione. Tutti i calcoli sono effettuati sulla base di cinematismi unitari.
Questo elemento finito possiede 12 gradi di libertà in quanto i due nodi di estremità hanno 6 gradi di libertà ciascuno: 3 alla traslazione e 3 alla rotazione:

Le platee di fondazione vengono modellate utilizzando un elemento finito che segue sempre la giacitura di un piano. L'elemento lastra-piastra, nel seguito denominato guscio, possiede nel sistema di riferimento locale come in quello globale 6 gradi di libertà per nodo. L'elemento è computato sovrapponendo il comportamento lastra o membrana, che possiede 3 gradi di libertà per nodo (una coppia di spostamenti planari e un grado di libertà alla rotazione intorno ad un asse perpendicolare al piano medio), e il comportamento piastra, che possiede 3 gradi di libertà per nodo (uno spostamento perpendicolare al piano medio e una coppia di rotazioni ortogonali aventi assi sostegno paralleli al piano medio).
La geometria dell'elemento finito SHELL può essere definita attraverso 3 o 4 nodi. La trattazione nei due casi è completamente diversa. L'elemento a 3 nodi viene usato per creare esclusivamente mesh di transizione nel caso di figure irregolari.
La formulazione dell'elemento è basata sulla teoria di Mindlin-Reissner in cui viene considerato anche il contributo della deformazione dovuta al taglio risolvendolo secondo la formulazione isoparametrica. Tutte le caratteristiche sono calcolate attraverso l'integrazione numerica ai punti di Gauss secondo la regola 2x2 ed estrapolate ai nodi.
Nel caso delle platee di fondazione, l'interazione viene modellata attraverso l'introduzione di molle distribuite sulla superficie dell'elemento che vengono automaticamente concentrate (rappresentative della propria area di influenza e calcolate attraverso l'integrazione di Gauss) e applicate ai nodi di estremità.

Verifiche della sicurezza e delle prestazioni: identificazione dei relativi stati limite.

Le verifiche della sicurezza in fondazione sono condotte nei riguardi dello stato limite ultimo e dello stato limite di esercizio.
Le verifiche nei riguardi degli stati limite previsti dalla Normativa ed eseguite sono:

STR - raggiungimento della resistenza degli elementi strutturali, compresi gli elementi di fondazione;

GEO - raggiungimento della resistenza del terreno interagente con la struttura con sviluppo di meccanismi di collasso dell'insieme terreno-struttura;

Verifiche STR: le verifiche di resistenza degli elementi strutturali di fondazione sono state eseguite contestualmente alla verifica degli elementi strutturali in elevazione. Le relative verifiche sono riportate nella relazione di calcolo allegata;

Verifiche GEO: le verifiche di resistenza del terreno interagente con la struttura sono condotte confrontando i valori di resistenza con quelli di progetto, secondo l'Approccio 2, come riportato nelle pagine seguenti.

Verifiche GEO: Approcci progettuali e valori di progetto dei parametri geotecnici.

TEORIA DI CALCOLO PER FONDAZIONI SUPERFICIALI.

Il calcolo è stato effettuato seguendo la teoria di Brinch Hansen, la quale tiene conto:

- della forma della fondazione;
- della profondità del piano di posa della fondazione;
- dell'inclinazione del carico sulla fondazione;
- dell'eccentricità del carico;
- dell'inclinazione del piano di posa della fondazione;
- dell'inclinazione del piano di campagna;
- dell'effetto inerziale nella fondazione;
- dell'effetto cinematico del sottosuolo;

Si riportano di seguito le formule considerate nelle varie colonne stratigrafiche assegnate ai fili fissi:

Il carico limite si ottiene dalla seguente espressione:

qlim= 0.5*B´*γ2*Nγ*sγ*dγ*iγ*gγ*bγ*zγ*eγk*eγi+c*Nc*sc*dc*ic*gc*bc*zc+(q+γ1*D)*Nq*sq*dq*iq*gq*bq*zq

Dove: **B´=B-2*eB**
B è il lato minore della fondazione.
eB è l'eccentricità del carico lungo B.
D è la profondità del piano di posa della fondazione.
γ1 è il peso del terreno sopra il piano di posa della fondazione.
γ2 è il peso del terreno sotto il piano di posa della fondazione.
C è la coesione del terreno.
q è il carico uniformemente distribuito ai lati della fondazione.

Fattori di portanza Travi di fondazione. SLU-SLV

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Fili : fili fissi ai quali appartiene l'asta considerata;
A1 : verifica della combinazione di carico A1;
Lt : verifica a lungo termine.

Fattori di carico limite														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Nc	Nq	Nγ	Nc	Nq	Nγ	Nc	Nq	Nγ	Nc	Nq	Nγ
227	1	1-2	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
228	7	1-7	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
229	8	2-3	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
230	13	2-8	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
231	17	3-4	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
232	21	3-9	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
233	25	4-5	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
234	29	4-13	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
235	36	5-6	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
236	41	5-14	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
237	48	6-15	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
238	55	7-8	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
239	56	7-10	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
240	57	8-9	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
241	62	8-11	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
242	66	12-9	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
243	70	10-11	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
244	71	10-16	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
245	72	11-12	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
246	77	12-13	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
247	81	12-17	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
248	85	13-14	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-

249	89	13-20	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
250	96	14-15	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
251	101	14-21	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
252	108	15-22	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
253	115	16-17	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
254	116	16-18	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
255	117	17-19	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
256	121	18-19	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
257	122	18-23	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
258	123	19-20	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
259	127	19-24	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
260	131	20-21	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
261	135	20-47	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
262	139	21-22	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
263	145	21-48	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
264	149	22-31	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
265	156	23-24	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
266	157	23-25	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
267	158	24-26	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
268	162	24-47	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
269	166	25-26	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
270	167	25-34	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
271	168	26-27	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
272	172	26-35	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
273	176	27-28	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
274	178	27-36	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
275	183	47-27	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
276	187	28-29	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
277	189	29-30	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
278	192	29-33	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
279	195	48-29	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
280	199	30-31	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
281	202	30-43	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
282	209	31-44	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
283	216	32-33	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
284	219	32-37	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
285	222	33-38	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
286	225	34-35	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
287	226	34-39	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
288	227	35-40	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
289	228	36-37	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
290	230	36-41	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
291	233	37-38	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
292	236	38-42	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
293	239	39-45	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
294	240	39-49	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
295	241	40-41	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
296	242	49-40	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
297	245	41-42	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
298	249	42-43	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
299	252	43-44	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
300	255	45-46	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
301	264	46-49	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
302	268	47-48	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-

Fattori di forma														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Sc**	**Sq**	**Sγ**	**Sc**	**Sq**	**Sγ**	**Sc**	**Sq**	**Sγ**	**Sc**	**Sq**	**Sγ**
227	1	1-2	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
228	7	1-7	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
229	8	2-3	1.09	1.08	0.94	-	-	-	-	-	-	-	-	-
230	13	2-8	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
231	17	3-4	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
232	21	3-9	1.11	1.11	0.93	-	-	-	-	-	-	-	-	-
233	25	4-5	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
234	29	4-13	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
235	36	5-6	1.07	1.07	0.95	-	-	-	-	-	-	-	-	-
236	41	5-14	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
237	48	6-15	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
238	55	7-8	1.07	1.06	0.96	-	-	-	-	-	-	-	-	-

239	56	7-10	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
240	57	8-9	1.09	1.08	0.94	-	-	-	-	-	-	-	-	-
241	62	8-11	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
242	66	12-9	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
243	70	10-11	1.07	1.06	0.96	-	-	-	-	-	-	-	-	-
244	71	10-16	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
245	72	11-12	1.08	1.08	0.95	-	-	-	-	-	-	-	-	-
246	77	12-13	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
247	81	12-17	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
248	85	13-14	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
249	89	13-20	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
250	96	14-15	1.07	1.07	0.95	-	-	-	-	-	-	-	-	-
251	101	14-21	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
252	108	15-22	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
253	115	16-17	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
254	116	16-18	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
255	117	17-19	1.11	1.11	0.93	-	-	-	-	-	-	-	-	-
256	121	18-19	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
257	122	18-23	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
258	123	19-20	1.10	1.10	0.93	-	-	-	-	-	-	-	-	-
259	127	19-24	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
260	131	20-21	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
261	135	20-47	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
262	139	21-22	1.07	1.07	0.95	-	-	-	-	-	-	-	-	-
263	145	21-48	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
264	149	22-31	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
265	156	23-24	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
266	157	23-25	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
267	158	24-26	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
268	162	24-47	1.10	1.10	0.93	-	-	-	-	-	-	-	-	-
269	166	25-26	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
270	167	25-34	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
271	168	26-27	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
272	172	26-35	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
273	176	27-28	1.24	1.23	0.84	-	-	-	-	-	-	-	-	-
274	178	27-36	1.08	1.08	0.95	-	-	-	-	-	-	-	-	-
275	183	47-27	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
276	187	28-29	1.18	1.17	0.88	-	-	-	-	-	-	-	-	-
277	189	29-30	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
278	192	29-33	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
279	195	48-29	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
280	199	30-31	1.12	1.12	0.92	-	-	-	-	-	-	-	-	-
281	202	30-43	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
282	209	31-44	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
283	216	32-33	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
284	219	32-37	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
285	222	33-38	1.16	1.16	0.89	-	-	-	-	-	-	-	-	-
286	225	34-35	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
287	226	34-39	1.11	1.11	0.93	-	-	-	-	-	-	-	-	-
288	227	35-40	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
289	228	36-37	1.22	1.21	0.85	-	-	-	-	-	-	-	-	-
290	230	36-41	1.15	1.14	0.90	-	-	-	-	-	-	-	-	-
291	233	37-38	1.16	1.15	0.90	-	-	-	-	-	-	-	-	-
292	236	38-42	1.16	1.15	0.89	-	-	-	-	-	-	-	-	-
293	239	39-45	1.10	1.09	0.93	-	-	-	-	-	-	-	-	-
294	240	39-49	1.05	1.05	0.97	-	-	-	-	-	-	-	-	-
295	241	40-41	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
296	242	49-40	1.13	1.12	0.92	-	-	-	-	-	-	-	-	-
297	245	41-42	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
298	249	42-43	1.15	1.15	0.90	-	-	-	-	-	-	-	-	-
299	252	43-44	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
300	255	45-46	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
301	264	46-49	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
302	268	47-48	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-

Fattori di profondità														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Dc**	**Dq**	**Dγ**	**Dc**	**Dq**	**Dγ**	**Dc**	**Dq**	**Dγ**	**Dc**	**Dq**	**Dγ**
227	1	1-2	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-

229	8	2-3	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.47	1.34	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.47	1.34	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.48	1.35	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-

301	264	46-49	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano di posa														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Bc**	**Bq**	**Bγ**	**Bc**	**Bq**	**Bγ**	**Bc**	**Bq**	**Bγ**	**Bc**	**Bq**	**Bγ**
227	1	1-2	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

291	233	37-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano campagna														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Gc**	**Gq**	**Gγ**	**Gc**	**Gq**	**Gγ**	**Gc**	**Gq**	**Gγ**	**Gc**	**Gq**	**Gγ**
227	1	1-2	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

281	202	30-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione dei carichi														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Ic**	**Iq**	**Iγ**	**Ic**	**Iq**	**Iγ**	**Ic**	**Iq**	**Iγ**	**Ic**	**Iq**	**Iγ**
227	1	1-2	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

271	168	26-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto inerziale (Paolucci Pecker)														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Zc**	**Zq**	**Zγ**	**Zc**	**Zq**	**Zγ**	**Zc**	**Zq**	**Zγ**	**Zc**	**Zq**	**Zγ**
227	1	1-2	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-

261	135	20-47	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto cinematico (Maugeri-Cascone)										
			A1				**A2**			
			Lt							
Campata	**Asta**	**Fili**	**eγk**	**eγi**	**eγk**	**eγi**	**eγk**	**eγi**	**eγk**	**eγi**
227	1	1-2	0.82	0.45	-	-	-	-	-	-
228	7	1-7	0.82	0.45	-	-	-	-	-	-
229	8	2-3	0.82	0.45	-	-	-	-	-	-
230	13	2-8	0.82	0.45	-	-	-	-	-	-
231	17	3-4	0.82	0.45	-	-	-	-	-	-
232	21	3-9	0.82	0.45	-	-	-	-	-	-
233	25	4-5	0.82	0.45	-	-	-	-	-	-
234	29	4-13	0.82	0.45	-	-	-	-	-	-
235	36	5-6	0.82	0.45	-	-	-	-	-	-
236	41	5-14	0.82	0.45	-	-	-	-	-	-
237	48	6-15	0.82	0.45	-	-	-	-	-	-
238	55	7-8	0.82	0.45	-	-	-	-	-	-
239	56	7-10	0.82	0.45	-	-	-	-	-	-
240	57	8-9	0.82	0.45	-	-	-	-	-	-
241	62	8-11	0.82	0.45	-	-	-	-	-	-
242	66	12-9	0.82	0.45	-	-	-	-	-	-
243	70	10-11	0.82	0.45	-	-	-	-	-	-
244	71	10-16	0.82	0.45	-	-	-	-	-	-
245	72	11-12	0.82	0.45	-	-	-	-	-	-
246	77	12-13	0.82	0.45	-	-	-	-	-	-
247	81	12-17	0.82	0.45	-	-	-	-	-	-
248	85	13-14	0.82	0.45	-	-	-	-	-	-
249	89	13-20	0.82	0.45	-	-	-	-	-	-
250	96	14-15	0.82	0.45	-	-	-	-	-	-

251	101	14-21	0.82	0.45	-	-	-	-	-	-
252	108	15-22	0.82	0.45	-	-	-	-	-	-
253	115	16-17	0.82	0.45	-	-	-	-	-	-
254	116	16-18	0.82	0.45	-	-	-	-	-	-
255	117	17-19	0.82	0.45	-	-	-	-	-	-
256	121	18-19	0.82	0.45	-	-	-	-	-	-
257	122	18-23	0.82	0.45	-	-	-	-	-	-
258	123	19-20	0.82	0.45	-	-	-	-	-	-
259	127	19-24	0.82	0.45	-	-	-	-	-	-
260	131	20-21	0.82	0.45	-	-	-	-	-	-
261	135	20-47	0.82	0.45	-	-	-	-	-	-
262	139	21-22	0.82	0.45	-	-	-	-	-	-
263	145	21-48	0.82	0.45	-	-	-	-	-	-
264	149	22-31	0.82	0.45	-	-	-	-	-	-
265	156	23-24	0.82	0.45	-	-	-	-	-	-
266	157	23-25	0.82	0.45	-	-	-	-	-	-
267	158	24-26	0.82	0.45	-	-	-	-	-	-
268	162	24-47	0.82	0.45	-	-	-	-	-	-
269	166	25-26	0.82	0.45	-	-	-	-	-	-
270	167	25-34	0.82	0.45	-	-	-	-	-	-
271	168	26-27	0.82	0.45	-	-	-	-	-	-
272	172	26-35	0.82	0.45	-	-	-	-	-	-
273	176	27-28	0.82	0.45	-	-	-	-	-	-
274	178	27-36	0.82	0.45	-	-	-	-	-	-
275	183	47-27	0.82	0.45	-	-	-	-	-	-
276	187	28-29	0.82	0.45	-	-	-	-	-	-
277	189	29-30	0.82	0.45	-	-	-	-	-	-
278	192	29-33	0.82	0.45	-	-	-	-	-	-
279	195	48-29	0.82	0.45	-	-	-	-	-	-
280	199	30-31	0.82	0.45	-	-	-	-	-	-
281	202	30-43	0.82	0.45	-	-	-	-	-	-
282	209	31-44	0.82	0.45	-	-	-	-	-	-
283	216	32-33	0.82	0.45	-	-	-	-	-	-
284	219	32-37	0.82	0.45	-	-	-	-	-	-
285	222	33-38	0.82	0.45	-	-	-	-	-	-
286	225	34-35	0.82	0.45	-	-	-	-	-	-
287	226	34-39	0.82	0.45	-	-	-	-	-	-
288	227	35-40	0.82	0.45	-	-	-	-	-	-
289	228	36-37	0.82	0.45	-	-	-	-	-	-
290	230	36-41	0.82	0.45	-	-	-	-	-	-
291	233	37-38	0.82	0.45	-	-	-	-	-	-
292	236	38-42	0.82	0.45	-	-	-	-	-	-
293	239	39-45	0.82	0.45	-	-	-	-	-	-
294	240	39-49	0.82	0.45	-	-	-	-	-	-
295	241	40-41	0.82	0.45	-	-	-	-	-	-
296	242	49-40	0.82	0.45	-	-	-	-	-	-
297	245	41-42	0.82	0.45	-	-	-	-	-	-
298	249	42-43	0.82	0.45	-	-	-	-	-	-
299	252	43-44	0.82	0.45	-	-	-	-	-	-
300	255	45-46	0.82	0.45	-	-	-	-	-	-
301	264	46-49	0.82	0.45	-	-	-	-	-	-
302	268	47-48	0.82	0.45	-	-	-	-	-	-

Fattori di portanza Travi di fondazione. SLD

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Fili : fili fissi ai quali appartiene l'asta considerata;
A1 : verifica della combinazione di carico A1;
Lt : verifica a lungo termine.

Fattori di carico limite														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Nc**	**Nq**	**Nγ**	**Nc**	**Nq**	**Nγ**	**Nc**	**Nq**	**Nγ**	**Nc**	**Nq**	**Nγ**
227	1	1-2	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
228	7	1-7	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
229	8	2-3	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
230	13	2-8	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-

231	17	3-4	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
232	21	3-9	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
233	25	4-5	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
234	29	4-13	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
235	36	5-6	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
236	41	5-14	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
237	48	6-15	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
238	55	7-8	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
239	56	7-10	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
240	57	8-9	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
241	62	8-11	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
242	66	12-9	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
243	70	10-11	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
244	71	10-16	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
245	72	11-12	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
246	77	12-13	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
247	81	12-17	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
248	85	13-14	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
249	89	13-20	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
250	96	14-15	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
251	101	14-21	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
252	108	15-22	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
253	115	16-17	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
254	116	16-18	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
255	117	17-19	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
256	121	18-19	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
257	122	18-23	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
258	123	19-20	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
259	127	19-24	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
260	131	20-21	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
261	135	20-47	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
262	139	21-22	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
263	145	21-48	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
264	149	22-31	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
265	156	23-24	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
266	157	23-25	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
267	158	24-26	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
268	162	24-47	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
269	166	25-26	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
270	167	25-34	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
271	168	26-27	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
272	172	26-35	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
273	176	27-28	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
274	178	27-36	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
275	183	47-27	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
276	187	28-29	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
277	189	29-30	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
278	192	29-33	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
279	195	48-29	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
280	199	30-31	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
281	202	30-43	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
282	209	31-44	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
283	216	32-33	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
284	219	32-37	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
285	222	33-38	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
286	225	34-35	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
287	226	34-39	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
288	227	35-40	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
289	228	36-37	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
290	230	36-41	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
291	233	37-38	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
292	236	38-42	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
293	239	39-45	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
294	240	39-49	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
295	241	40-41	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
296	242	49-40	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
297	245	41-42	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
298	249	42-43	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
299	252	43-44	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
300	255	45-46	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
301	264	46-49	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-
302	268	47-48	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-

Fattori di forma														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	**Asta**	**Fili**	**Sc**	**Sq**	**Sγ**	**Sc**	**Sq**	**Sγ**	**Sc**	**Sq**	**Sγ**	**Sc**	**Sq**	**Sγ**
227	1	1-2	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
228	7	1-7	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
229	8	2-3	1.09	1.08	0.94	-	-	-	-	-	-	-	-	-
230	13	2-8	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
231	17	3-4	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
232	21	3-9	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
233	25	4-5	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
234	29	4-13	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
235	36	5-6	1.07	1.07	0.95	-	-	-	-	-	-	-	-	-
236	41	5-14	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
237	48	6-15	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
238	55	7-8	1.07	1.06	0.96	-	-	-	-	-	-	-	-	-
239	56	7-10	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
240	57	8-9	1.09	1.08	0.94	-	-	-	-	-	-	-	-	-
241	62	8-11	1.10	1.10	0.93	-	-	-	-	-	-	-	-	-
242	66	12-9	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
243	70	10-11	1.07	1.06	0.96	-	-	-	-	-	-	-	-	-
244	71	10-16	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
245	72	11-12	1.08	1.08	0.95	-	-	-	-	-	-	-	-	-
246	77	12-13	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
247	81	12-17	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
248	85	13-14	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
249	89	13-20	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
250	96	14-15	1.07	1.07	0.95	-	-	-	-	-	-	-	-	-
251	101	14-21	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
252	108	15-22	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
253	115	16-17	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
254	116	16-18	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
255	117	17-19	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
256	121	18-19	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
257	122	18-23	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
258	123	19-20	1.10	1.10	0.93	-	-	-	-	-	-	-	-	-
259	127	19-24	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
260	131	20-21	1.10	1.09	0.93	-	-	-	-	-	-	-	-	-
261	135	20-47	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
262	139	21-22	1.07	1.07	0.95	-	-	-	-	-	-	-	-	-
263	145	21-48	1.11	1.11	0.93	-	-	-	-	-	-	-	-	-
264	149	22-31	1.06	1.06	0.96	-	-	-	-	-	-	-	-	-
265	156	23-24	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
266	157	23-25	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
267	158	24-26	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
268	162	24-47	1.10	1.10	0.93	-	-	-	-	-	-	-	-	-
269	166	25-26	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
270	167	25-34	1.11	1.11	0.93	-	-	-	-	-	-	-	-	-
271	168	26-27	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
272	172	26-35	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
273	176	27-28	1.24	1.23	0.84	-	-	-	-	-	-	-	-	-
274	178	27-36	1.09	1.08	0.94	-	-	-	-	-	-	-	-	-
275	183	47-27	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
276	187	28-29	1.18	1.17	0.88	-	-	-	-	-	-	-	-	-
277	189	29-30	1.15	1.14	0.90	-	-	-	-	-	-	-	-	-
278	192	29-33	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
279	195	48-29	1.11	1.11	0.92	-	-	-	-	-	-	-	-	-
280	199	30-31	1.12	1.12	0.92	-	-	-	-	-	-	-	-	-
281	202	30-43	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
282	209	31-44	1.06	1.05	0.96	-	-	-	-	-	-	-	-	-
283	216	32-33	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
284	219	32-37	1.17	1.16	0.89	-	-	-	-	-	-	-	-	-
285	222	33-38	1.16	1.16	0.89	-	-	-	-	-	-	-	-	-
286	225	34-35	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
287	226	34-39	1.11	1.11	0.93	-	-	-	-	-	-	-	-	-
288	227	35-40	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
289	228	36-37	1.22	1.21	0.85	-	-	-	-	-	-	-	-	-
290	230	36-41	1.15	1.14	0.90	-	-	-	-	-	-	-	-	-
291	233	37-38	1.16	1.15	0.90	-	-	-	-	-	-	-	-	-
292	236	38-42	1.16	1.15	0.89	-	-	-	-	-	-	-	-	-

293	239	39-45	1.10	1.09	0.93	-	-	-	-	-	-	-	-	-
294	240	39-49	1.05	1.05	0.97	-	-	-	-	-	-	-	-	-
295	241	40-41	1.10	1.09	0.94	-	-	-	-	-	-	-	-	-
296	242	49-40	1.14	1.13	0.91	-	-	-	-	-	-	-	-	-
297	245	41-42	1.11	1.10	0.93	-	-	-	-	-	-	-	-	-
298	249	42-43	1.16	1.15	0.90	-	-	-	-	-	-	-	-	-
299	252	43-44	1.12	1.11	0.92	-	-	-	-	-	-	-	-	-
300	255	45-46	1.04	1.04	0.97	-	-	-	-	-	-	-	-	-
301	264	46-49	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-
302	268	47-48	1.09	1.09	0.94	-	-	-	-	-	-	-	-	-

Fattori di profondità														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Dc**	**Dq**	**Dγ**	**Dc**	**Dq**	**Dγ**	**Dc**	**Dq**	**Dγ**	**Dc**	**Dq**	**Dγ**
227	1	1-2	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.46	1.34	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.47	1.34	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.47	1.34	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-

283	216	32-33	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.45	1.33	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.47	1.34	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.47	1.34	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.46	1.33	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.44	1.32	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.45	1.32	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano di posa														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Bc**	**Bq**	**Bγ**	**Bc**	**Bq**	**Bγ**	**Bc**	**Bq**	**Bγ**	**Bc**	**Bq**	**Bγ**
227	1	1-2	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

273	176	27-28	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano campagna														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Gc**	**Gq**	**Gγ**	**Gc**	**Gq**	**Gγ**	**Gc**	**Gq**	**Gγ**	**Gc**	**Gq**	**Gγ**
227	1	1-2	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

263	145	21-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione dei carichi														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Ic**	**Iq**	**Iγ**	**Ic**	**Iq**	**Iγ**	**Ic**	**Iq**	**Iγ**	**Ic**	**Iq**	**Iγ**
227	1	1-2	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
243	70	10-11	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

253	115	16-17	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto inerziale (Paolucci Pecker)														
			A1						**A2**					
			Lt			**Bt**			**Lt**			**Bt**		
Campata	**Asta**	**Fili**	**Zc**	**Zq**	**Zγ**	**Zc**	**Zq**	**Zγ**	**Zc**	**Zq**	**Zγ**	**Zc**	**Zq**	**Zγ**
227	1	1-2	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
228	7	1-7	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
229	8	2-3	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
230	13	2-8	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
231	17	3-4	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
232	21	3-9	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
233	25	4-5	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
234	29	4-13	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
235	36	5-6	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
236	41	5-14	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
237	48	6-15	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
238	55	7-8	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
239	56	7-10	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
240	57	8-9	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
241	62	8-11	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
242	66	12-9	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-

243	70	10-11	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
244	71	10-16	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
245	72	11-12	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
246	77	12-13	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
247	81	12-17	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
248	85	13-14	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
249	89	13-20	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
250	96	14-15	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
251	101	14-21	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
252	108	15-22	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
253	115	16-17	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
254	116	16-18	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
255	117	17-19	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
256	121	18-19	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
257	122	18-23	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
258	123	19-20	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
259	127	19-24	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
260	131	20-21	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
261	135	20-47	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
262	139	21-22	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
263	145	21-48	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
264	149	22-31	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
265	156	23-24	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
266	157	23-25	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
267	158	24-26	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
268	162	24-47	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
269	166	25-26	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
270	167	25-34	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
271	168	26-27	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
272	172	26-35	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
273	176	27-28	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
274	178	27-36	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
275	183	47-27	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
276	187	28-29	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
277	189	29-30	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
278	192	29-33	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
279	195	48-29	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
280	199	30-31	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
281	202	30-43	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
282	209	31-44	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
283	216	32-33	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
284	219	32-37	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
285	222	33-38	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
286	225	34-35	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
287	226	34-39	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
288	227	35-40	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
289	228	36-37	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
290	230	36-41	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
291	233	37-38	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
292	236	38-42	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
293	239	39-45	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
294	240	39-49	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
295	241	40-41	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
296	242	49-40	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
297	245	41-42	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
298	249	42-43	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
299	252	43-44	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
300	255	45-46	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
301	264	46-49	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-
302	268	47-48	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto cinematico (Maugeri-Cascone)										
			A1				**A2**			
			Lt							
Campata	**Asta**	**Fili**	**eγk**	**eγi**	**eγk**	**eγi**	**eγk**	**eγi**	**eγk**	**eγi**
227	1	1-2	0.82	0.45	-	-	-	-	-	-
228	7	1-7	0.82	0.45	-	-	-	-	-	-
229	8	2-3	0.82	0.45	-	-	-	-	-	-
230	13	2-8	0.82	0.45	-	-	-	-	-	-
231	17	3-4	0.82	0.45	-	-	-	-	-	-
232	21	3-9	0.82	0.45	-	-	-	-	-	-

233	25	4-5	0.82	0.45	-	-	-	-	-	-
234	29	4-13	0.82	0.45	-	-	-	-	-	-
235	36	5-6	0.82	0.45	-	-	-	-	-	-
236	41	5-14	0.82	0.45	-	-	-	-	-	-
237	48	6-15	0.82	0.45	-	-	-	-	-	-
238	55	7-8	0.82	0.45	-	-	-	-	-	-
239	56	7-10	0.82	0.45	-	-	-	-	-	-
240	57	8-9	0.82	0.45	-	-	-	-	-	-
241	62	8-11	0.82	0.45	-	-	-	-	-	-
242	66	12-9	0.82	0.45	-	-	-	-	-	-
243	70	10-11	0.82	0.45	-	-	-	-	-	-
244	71	10-16	0.82	0.45	-	-	-	-	-	-
245	72	11-12	0.82	0.45	-	-	-	-	-	-
246	77	12-13	0.82	0.45	-	-	-	-	-	-
247	81	12-17	0.82	0.45	-	-	-	-	-	-
248	85	13-14	0.82	0.45	-	-	-	-	-	-
249	89	13-20	0.82	0.45	-	-	-	-	-	-
250	96	14-15	0.82	0.45	-	-	-	-	-	-
251	101	14-21	0.82	0.45	-	-	-	-	-	-
252	108	15-22	0.82	0.45	-	-	-	-	-	-
253	115	16-17	0.82	0.45	-	-	-	-	-	-
254	116	16-18	0.82	0.45	-	-	-	-	-	-
255	117	17-19	0.82	0.45	-	-	-	-	-	-
256	121	18-19	0.82	0.45	-	-	-	-	-	-
257	122	18-23	0.82	0.45	-	-	-	-	-	-
258	123	19-20	0.82	0.45	-	-	-	-	-	-
259	127	19-24	0.82	0.45	-	-	-	-	-	-
260	131	20-21	0.82	0.45	-	-	-	-	-	-
261	135	20-47	0.82	0.45	-	-	-	-	-	-
262	139	21-22	0.82	0.45	-	-	-	-	-	-
263	145	21-48	0.82	0.45	-	-	-	-	-	-
264	149	22-31	0.82	0.45	-	-	-	-	-	-
265	156	23-24	0.82	0.45	-	-	-	-	-	-
266	157	23-25	0.82	0.45	-	-	-	-	-	-
267	158	24-26	0.82	0.45	-	-	-	-	-	-
268	162	24-47	0.82	0.45	-	-	-	-	-	-
269	166	25-26	0.82	0.45	-	-	-	-	-	-
270	167	25-34	0.82	0.45	-	-	-	-	-	-
271	168	26-27	0.82	0.45	-	-	-	-	-	-
272	172	26-35	0.82	0.45	-	-	-	-	-	-
273	176	27-28	0.82	0.45	-	-	-	-	-	-
274	178	27-36	0.82	0.45	-	-	-	-	-	-
275	183	47-27	0.82	0.45	-	-	-	-	-	-
276	187	28-29	0.82	0.45	-	-	-	-	-	-
277	189	29-30	0.82	0.45	-	-	-	-	-	-
278	192	29-33	0.82	0.45	-	-	-	-	-	-
279	195	48-29	0.82	0.45	-	-	-	-	-	-
280	199	30-31	0.82	0.45	-	-	-	-	-	-
281	202	30-43	0.82	0.45	-	-	-	-	-	-
282	209	31-44	0.82	0.45	-	-	-	-	-	-
283	216	32-33	0.82	0.45	-	-	-	-	-	-
284	219	32-37	0.82	0.45	-	-	-	-	-	-
285	222	33-38	0.82	0.45	-	-	-	-	-	-
286	225	34-35	0.82	0.45	-	-	-	-	-	-
287	226	34-39	0.82	0.45	-	-	-	-	-	-
288	227	35-40	0.82	0.45	-	-	-	-	-	-
289	228	36-37	0.82	0.45	-	-	-	-	-	-
290	230	36-41	0.82	0.45	-	-	-	-	-	-
291	233	37-38	0.82	0.45	-	-	-	-	-	-
292	236	38-42	0.82	0.45	-	-	-	-	-	-
293	239	39-45	0.82	0.45	-	-	-	-	-	-
294	240	39-49	0.82	0.45	-	-	-	-	-	-
295	241	40-41	0.82	0.45	-	-	-	-	-	-
296	242	49-40	0.82	0.45	-	-	-	-	-	-
297	245	41-42	0.82	0.45	-	-	-	-	-	-
298	249	42-43	0.82	0.45	-	-	-	-	-	-
299	252	43-44	0.82	0.45	-	-	-	-	-	-
300	255	45-46	0.82	0.45	-	-	-	-	-	-
301	264	46-49	0.82	0.45	-	-	-	-	-	-
302	268	47-48	0.82	0.45	-	-	-	-	-	-

Fattori di portanza Platee. SLU-SLV

Platea : numero della platea;
Fili : fili fissi ai quali appartiene la platea;
A1 : verifica della combinazione di carico A1;
Lt : verifica a lungo termine.

Fattori di carico limite													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Nc	Nq	Nγ	Nc	Nq	Nγ	Nc	Nq	Nγ	Nc	Nq	Nγ
1	45, 46, 49, 44, 6, 1	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-

Fattori di forma													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Sc	Sq	Sγ	Sc	Sq	Sγ	Sc	Sq	Sγ	Sc	Sq	Sγ
1	45, 46, 49, 44, 6, 1	1.46	1.44	0.70	-	-	-	-	-	-	-	-	-

Fattori di profondità													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Dc	Dq	Dγ	Dc	Dq	Dγ	Dc	Dq	Dγ	Dc	Dq	Dγ
1	45, 46, 49, 44, 6, 1	1.02	1.02	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano di posa													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Bc	Bq	Bγ	Bc	Bq	Bγ	Bc	Bq	Bγ	Bc	Bq	Bγ
1	45, 46, 49, 44, 6, 1	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano campagna													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Gc	Gq	Gγ	Gc	Gq	Gγ	Gc	Gq	Gγ	Gc	Gq	Gγ
1	45, 46, 49, 44, 6, 1	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione dei carichi													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Ic	Iq	Iγ	Ic	Iq	Iγ	Ic	Iq	Iγ	Ic	Iq	Iγ
1	45, 46, 49, 44, 6, 1	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto inerziale (Paolucci Pecker)													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Zc	Zq	Zγ	Zc	Zq	Zγ	Zc	Zq	Zγ	Zc	Zq	Zγ
1	45, 46, 49, 44, 6, 1	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto cinematico (Maugeri-Cascone)									
		A1				A2			
		Lt		Bt		Lt		Bt	
Platea	Fili	eγk	eγi	eγk	eγi	eγk	eγi	eγk	eγi
1	45, 46, 49, 44, 6, 1	0.82	0.45	-	-	-	-	-	-

Fattori di portanza Platee. SLD

Platea : numero della platea;
Fili : fili fissi ai quali appartiene la platea;
A1 : verifica della combinazione di carico A1;
Lt : verifica a lungo termine.

Fattori di carico limite													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Nc	Nq	Nγ	Nc	Nq	Nγ	Nc	Nq	Nγ	Nc	Nq	Nγ
1	45, 46, 49, 44, 6, 1	30.14	18.40	15.07	-	-	-	-	-	-	-	-	-

Fattori di forma													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Sc	Sq	Sγ	Sc	Sq	Sγ	Sc	Sq	Sγ	Sc	Sq	Sγ
1	45, 46, 49, 44, 6, 1	1.46	1.44	0.70	-	-	-	-	-	-	-	-	-

Fattori di profondità													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Dc	Dq	Dγ	Dc	Dq	Dγ	Dc	Dq	Dγ	Dc	Dq	Dγ
1	45, 46, 49, 44, 6, 1	1.02	1.02	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano di posa													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Bc	Bq	Bγ	Bc	Bq	Bγ	Bc	Bq	Bγ	Bc	Bq	Bγ
1	45, 46, 49, 44, 6, 1	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione del piano campagna													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Gc	Gq	Gγ	Gc	Gq	Gγ	Gc	Gq	Gγ	Gc	Gq	Gγ
1	45, 46, 49, 44, 6, 1	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di inclinazione dei carichi													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Ic	Iq	Iγ	Ic	Iq	Iγ	Ic	Iq	Iγ	Ic	Iq	Iγ
1	45, 46, 49, 44, 6, 1	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto inerziale (Paolucci Pecker)													
		A1						A2					
		Lt			Bt			Lt			Bt		
Platea	Fili	Zc	Zq	Zγ	Zc	Zq	Zγ	Zc	Zq	Zγ	Zc	Zq	Zγ
1	45, 46, 49, 44, 6, 1	0.97	0.95	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto cinematico (Maugeri-Cascone)									
		A1				A2			
		Lt		Bt		Lt		Bt	
Platea	Fili	eγk	eγi	eγk	eγi	eγk	eγi	eγk	eγi
1	45, 46, 49, 44, 6, 1	0.82	0.45	-	-	-	-	-	-

VERIFICA CAPACITA' PORTANTE.

La verifica del sistema di fondazione relativo alla struttura in oggetto, è stata effettuata sulla base dei dati geologici e dei parametri geotecnici forniti, seguendo l'approccio di progetto relativo alla normativa di riferimento:

- (punti 6.4.2.1 delle N.T.C. e 6.4.3 per fondazioni su pali)

A1 + M1 + R3

dove:

- Coefficienti parziali per le azioni

CARICHI	COEFFICIENTE PARZIALE	Comb. A1
PERMANENTI	γG1ns	1.3
PERMANENTI NON STRUTTURALI	γG2ns	1.5
VARIABILI	γQi	1.5

- Coefficienti per i parametri geotecnici del terreno

PARAMETRO	GRANDEZZA ALLA QUALE APPL. IL COEFF. PARZIALE	Comb. M1
Tangente dell'angolo di attrito	tanϕ	1.0
Coesione drenata del terreno	C	1.0
Coesione non drenata del terreno	Cu	1.0
Peso dell'unita di volume	γ	1.0

- Coefficienti parziali γ_R per le verifiche agli stati ultimi di fondazioni superficiali

VERIFICA	COEFFICIENTE PARZIALE R3
Capacità portante	γ_R = 2.3

Le verifiche vengono riassunte nelle successive tabelle.

Travi di fondazione. SLU-SLV

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Fili : fili fissi ai quali appartiene l'asta considerata;
A1 - Bt : verifica della combinazione di carico A1 a breve termine;
A1 - Lt : verifica della combinazione di carico A1 a lungo termine;
B : larghezza piano di appoggio;
D : profondità del piano di posa;
X : ascissa di verifica;
qlimd : carico limite di calcolo;
σt : tensione di calcolo;
S : Coefficiente di sicurezza;
Esito : V = Verificato; NV = Non Verificato

			Combinazione A1 - Lt						
Campata	**Asta**	**Fili**	**B [cm]**	**D [cm]**	**X [cm]**	**qlimd [daN/cm²]**	**σt [daN/cm²]**	**S**	**Esito**
227	1	1-2	60.00	120.00	0.00	3.42	1.20	2.85	V
228	7	1-7	60.00	120.00	305.00	3.57	1.45	2.46	V
229	8	2-3	60.00	120.00	394.88	3.49	0.87	4.01	V
230	13	2-8	60.00	120.00	0.00	3.57	0.85	4.20	V
231	17	3-4	60.00	120.00	316.41	3.50	1.09	3.21	V
232	21	3-9	60.00	120.00	0.00	3.56	0.87	4.09	V
233	25	4-5	60.00	120.00	0.00	3.50	1.09	3.21	V
234	29	4-13	60.00	120.00	0.00	3.40	1.09	3.12	V
235	36	5-6	60.00	120.00	490.00	3.44	1.81	1.90	V
236	41	5-14	60.00	120.00	0.00	3.40	1.03	3.30	V
237	48	6-15	60.00	120.00	0.00	3.41	1.81	1.88	V
238	55	7-8	60.00	120.00	0.00	3.43	1.45	2.37	V
239	56	7-10	60.00	120.00	305.00	3.57	1.81	1.97	V
240	57	8-9	60.00	120.00	0.00	3.49	0.71	4.92	V
241	62	8-11	60.00	120.00	0.00	3.55	0.71	5.00	V
242	66	12-9	60.00	120.00	304.80	3.57	0.66	5.41	V
243	70	10-11	60.00	120.00	0.00	3.43	1.81	1.90	V
244	71	10-16	60.00	120.00	305.00	3.57	2.09	1.71	V
245	72	11-12	60.00	120.00	0.00	3.48	0.65	5.35	V
246	77	12-13	60.00	120.00	296.56	3.52	0.65	5.42	V
247	81	12-17	60.00	120.00	247.81	3.56	0.65	5.48	V
248	85	13-14	60.00	120.00	0.00	3.52	0.65	5.42	V
249	89	13-20	60.00	120.00	555.54	3.41	0.70	4.87	V
250	96	14-15	60.00	120.00	490.00	3.45	0.83	4.16	V
251	101	14-21	60.00	120.00	577.32	3.41	0.72	4.74	V
252	108	15-22	60.00	120.00	599.11	3.40	0.86	3.95	V
253	115	16-17	60.00	120.00	0.00	3.35	2.09	1.60	V
254	116	16-18	60.00	120.00	305.00	3.57	2.24	1.59	V
255	117	17-19	60.00	120.00	266.88	3.56	0.67	5.31	V
256	121	18-19	60.00	120.00	0.00	3.35	2.24	1.50	V
257	122	18-23	60.00	120.00	266.88	3.57	2.29	1.56	V
258	123	19-20	60.00	120.00	270.00	3.52	0.70	5.03	V
259	127	19-24	60.00	120.00	0.00	3.56	0.67	5.31	V
260	131	20-21	60.00	120.00	307.97	3.52	0.72	4.89	V
261	135	20-47	60.00	120.00	0.00	3.57	0.70	5.10	V
262	139	21-22	60.00	120.00	490.00	3.45	0.86	4.01	V
263	145	21-48	60.00	120.00	0.00	3.57	0.72	4.96	V
264	149	22-31	60.00	120.00	566.43	3.41	0.96	3.55	V
265	156	23-24	60.00	120.00	0.00	3.35	2.29	1.46	V
266	157	23-25	60.00	120.00	0.00	3.57	2.29	1.56	V
267	158	24-26	60.00	120.00	228.75	3.56	0.67	5.31	V
268	162	24-47	60.00	120.00	44.06	3.53	0.67	5.27	V
269	166	25-26	60.00	120.00	0.00	3.35	2.23	1.50	V
270	167	25-34	60.00	120.00	0.00	3.56	2.23	1.60	V
271	168	26-27	60.00	120.00	363.28	3.51	0.77	4.56	V
272	172	26-35	60.00	120.00	275.63	3.53	0.70	5.04	V
273	176	27-28	60.00	120.00	87.50	3.93	0.79	4.97	V
274	178	27-36	60.00	120.00	399.00	3.48	0.80	4.35	V
275	183	47-27	60.00	120.00	295.47	3.57	0.77	4.64	V
276	187	28-29	60.00	120.00	0.00	3.75	0.79	4.75	V
277	189	29-30	60.00	120.00	0.00	3.71	0.78	4.76	V
278	192	29-33	60.00	120.00	0.00	3.72	0.78	4.77	V

279	195	48-29	60.00	120.00	305.00	3.57	0.78	4.58	V
280	199	30-31	60.00	120.00	295.00	3.58	0.96	3.73	V
281	202	30-43	60.00	120.00	630.00	3.40	1.04	3.27	V
282	209	31-44	60.00	120.00	630.00	3.40	1.53	2.22	V
283	216	32-33	60.00	120.00	0.00	3.71	0.79	4.70	V
284	219	32-37	60.00	120.00	192.50	3.71	0.82	4.52	V
285	222	33-38	60.00	120.00	210.00	3.71	0.82	4.52	V
286	225	34-35	60.00	120.00	0.00	3.35	2.03	1.65	V
287	226	34-39	60.00	120.00	0.00	3.56	2.03	1.75	V
288	227	35-40	60.00	120.00	300.00	3.57	0.86	4.15	V
289	228	36-37	60.00	120.00	75.00	3.88	0.82	4.73	V
290	230	36-41	60.00	120.00	201.25	3.68	0.92	4.00	V
291	233	37-38	60.00	120.00	0.00	3.70	0.82	4.51	V
292	236	38-42	60.00	120.00	210.00	3.70	1.00	3.70	V
293	239	39-45	60.00	120.00	0.00	3.52	1.62	2.17	V
294	240	39-49	60.00	120.00	0.00	3.37	1.62	2.08	V
295	241	40-41	60.00	120.00	90.00	3.52	0.93	3.78	V
296	242	49-40	60.00	120.00	220.00	3.64	0.86	4.23	V
297	245	41-42	60.00	120.00	299.06	3.54	1.00	3.54	V
298	249	42-43	60.00	120.00	166.25	3.69	1.04	3.55	V
299	252	43-44	60.00	120.00	295.00	3.58	1.53	2.34	V
300	255	45-46	60.00	120.00	0.00	3.36	1.00	3.36	V
301	264	46-49	60.00	120.00	0.00	3.50	0.99	3.54	V
302	268	47-48	60.00	120.00	332.50	3.51	0.67	5.24	V

Travi di fondazione. SLD

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Fili : fili fissi ai quali appartiene l'asta considerata;
A1 - Bt : verifica della combinazione di carico A1 a breve termine;
A1 - Lt : verifica della combinazione di carico A1 a lungo termine;
B : larghezza piano di appoggio;
D : profondità del piano di posa;
X : ascissa di verifica;
qlimd : carico limite di calcolo;
σt : tensione di calcolo;
S : Coefficiente di sicurezza;
Esito : V = Verificato; NV = Non Verificato

			Combinazione A1 - Lt						
Campata	**Asta**	**Fili**	**B [cm]**	**D [cm]**	**X [cm]**	**qlimd [daN/cm²]**	**σt [daN/cm²]**	**S**	**Esito**
227	1	1-2	60.00	120.00	0.00	3.43	1.35	2.54	V
228	7	1-7	60.00	120.00	305.00	3.57	1.39	2.57	V
229	8	2-3	60.00	120.00	405.00	3.49	0.96	3.64	V
230	13	2-8	60.00	120.00	0.00	3.57	0.84	4.25	V
231	17	3-4	60.00	120.00	339.84	3.50	1.26	2.78	V
232	21	3-9	60.00	120.00	0.00	3.57	0.96	3.72	V
233	25	4-5	60.00	120.00	0.00	3.51	1.25	2.81	V
234	29	4-13	60.00	120.00	0.00	3.40	1.25	2.72	V
235	36	5-6	60.00	120.00	490.00	3.45	2.19	1.58	V
236	41	5-14	60.00	120.00	0.00	3.40	1.12	3.04	V
237	48	6-15	60.00	120.00	0.00	3.41	2.19	1.56	V
238	55	7-8	60.00	120.00	0.00	3.43	1.39	2.47	V
239	56	7-10	60.00	120.00	305.00	3.57	1.65	2.16	V
240	57	8-9	60.00	120.00	0.00	3.49	0.56	6.23	V
241	62	8-11	60.00	120.00	0.00	3.55	0.56	6.34	V
242	66	12-9	60.00	120.00	304.80	3.57	0.53	6.74	V
243	70	10-11	60.00	120.00	0.00	3.43	1.65	2.08	V
244	71	10-16	60.00	120.00	305.00	3.57	1.83	1.95	V
245	72	11-12	60.00	120.00	0.00	3.48	0.53	6.57	V
246	77	12-13	60.00	120.00	0.00	3.51	0.51	6.88	V
247	81	12-17	60.00	120.00	228.75	3.56	0.52	6.85	V
248	85	13-14	60.00	120.00	34.22	3.52	0.52	6.77	V
249	89	13-20	60.00	120.00	566.43	3.41	0.58	5.88	V
250	96	14-15	60.00	120.00	490.00	3.45	0.88	3.92	V
251	101	14-21	60.00	120.00	555.54	3.41	0.57	5.98	V
252	108	15-22	60.00	120.00	610.00	3.41	0.96	3.55	V
253	115	16-17	60.00	120.00	0.00	3.35	1.83	1.83	V

254	116	16-18	60.00	120.00	305.00	3.57	1.93	1.85	V
255	117	17-19	60.00	120.00	0.00	3.55	0.52	6.83	V
256	121	18-19	60.00	120.00	0.00	3.35	1.93	1.74	V
257	122	18-23	60.00	120.00	266.88	3.57	1.99	1.79	V
258	123	19-20	60.00	120.00	326.25	3.52	0.58	6.07	V
259	127	19-24	60.00	120.00	238.28	3.55	0.52	6.83	V
260	131	20-21	60.00	120.00	148.28	3.52	0.60	5.87	V
261	135	20-47	60.00	120.00	19.07	3.57	0.59	6.05	V
262	139	21-22	60.00	120.00	490.00	3.45	0.96	3.59	V
263	145	21-48	60.00	120.00	0.00	3.56	0.57	6.25	V
264	149	22-31	60.00	120.00	566.43	3.41	1.09	3.13	V
265	156	23-24	60.00	120.00	0.00	3.35	1.99	1.68	V
266	157	23-25	60.00	120.00	38.13	3.57	2.00	1.78	V
267	158	24-26	60.00	120.00	228.75	3.55	0.53	6.70	V
268	162	24-47	60.00	120.00	319.45	3.53	0.56	6.30	V
269	166	25-26	60.00	120.00	0.00	3.35	1.99	1.68	V
270	167	25-34	60.00	120.00	0.00	3.56	1.99	1.79	V
271	168	26-27	60.00	120.00	375.00	3.51	0.68	5.16	V
272	172	26-35	60.00	120.00	315.00	3.53	0.57	6.19	V
273	176	27-28	60.00	120.00	70.00	3.92	0.68	5.76	V
274	178	27-36	60.00	120.00	0.00	3.48	0.68	5.12	V
275	183	47-27	60.00	120.00	295.47	3.57	0.68	5.25	V
276	187	28-29	60.00	120.00	0.00	3.75	0.68	5.51	V
277	189	29-30	60.00	120.00	201.25	3.67	0.66	5.56	V
278	192	29-33	60.00	120.00	0.00	3.71	0.63	5.89	V
279	195	48-29	60.00	120.00	266.88	3.57	0.63	5.67	V
280	199	30-31	60.00	120.00	295.00	3.58	1.09	3.28	V
281	202	30-43	60.00	120.00	630.00	3.40	1.12	3.04	V
282	209	31-44	60.00	120.00	630.00	3.40	1.82	1.87	V
283	216	32-33	60.00	120.00	0.00	3.71	0.64	5.80	V
284	219	32-37	60.00	120.00	201.25	3.71	0.70	5.30	V
285	222	33-38	60.00	120.00	210.00	3.71	0.71	5.23	V
286	225	34-35	60.00	120.00	0.00	3.35	1.89	1.77	V
287	226	34-39	60.00	120.00	0.00	3.56	1.89	1.88	V
288	227	35-40	60.00	120.00	300.00	3.57	0.96	3.72	V
289	228	36-37	60.00	120.00	103.13	3.88	0.70	5.54	V
290	230	36-41	60.00	120.00	210.00	3.68	0.95	3.87	V
291	233	37-38	60.00	120.00	26.25	3.70	0.71	5.21	V
292	236	38-42	60.00	120.00	210.00	3.70	1.02	3.63	V
293	239	39-45	60.00	120.00	0.00	3.52	1.56	2.26	V
294	240	39-49	60.00	120.00	0.00	3.37	1.56	2.16	V
295	241	40-41	60.00	120.00	90.00	3.52	1.04	3.38	V
296	242	49-40	60.00	120.00	220.00	3.65	0.96	3.80	V
297	245	41-42	60.00	120.00	319.69	3.54	1.02	3.47	V
298	249	42-43	60.00	120.00	210.00	3.69	1.12	3.29	V
299	252	43-44	60.00	120.00	295.00	3.58	1.82	1.97	V
300	255	45-46	60.00	120.00	813.00	3.36	1.07	3.14	V
301	264	46-49	60.00	120.00	0.00	3.50	1.07	3.27	V
302	268	47-48	60.00	120.00	59.38	3.51	0.57	6.16	V

Platee. SLU-SLV

Platea : numero della platea;
Fili : fili fissi ai quali appartiene la platea considerata;
A1 - Lt : verifica della combinazione di carico A1 a lungo termine;
D : profondità del piano di posa;
qlimd : carico limite di calcolo;
σt : tensione di calcolo;
S : Coefficiente di sicurezza;
Esito : V = Verificato; NV = Non Verificato

		Combinazione A1 - Lt				
Platea	**Fili**	**D [cm]**	**qlimd [daN/cm²]**	**σt [daN/cm²]**	**S**	**Esito**
1	45, 46, 49, 44, 6, 1	120.00	7.68	1.81	4.24	V

Platee. SLD

Platea : numero della platea;
Fili : fili fissi ai quali appartiene la platea considerata;
A1 - Lt : verifica della combinazione di carico A1 a lungo termine;
D : profondità del piano di posa;
qlimd : carico limite di calcolo;
σt : tensione di calcolo;
S : Coefficiente di sicurezza;
Esito : V = Verificato; NV = Non Verificato

		Combinazione A1 - Lt				
Platea	**Fili**	**D [cm]**	**qlimd [daN/cm²]**	**σt [daN/cm²]**	**S**	**Esito**
1	45, 46, 49, 44, 6, 1	120.00	7.68	2.19	3.51	V

Verifiche nei confronti degli stati limite di esercizio (SLE).

Gli stati limite di esercizio (punto 6.4.2.2 delle N.T.C.) investigati, si riferiscono al raggiungimento di valori critici dei cedimenti differenziali che possono compromettere la funzionalità dell'opera. Il calcolo dei cedimenti è stato eseguito per la combinazione di esercizio , quasi permanente

Travi di fondazione.

Campata : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;
Fili : fili fissi ai quali appartiene l'asta considerata;
Comb. : tipo inviluppo;
Dist. : distanza tra i punti di massimo cedimento differenziale;
Istant. : cedimento istantaneo;
Consol. : cedimento di consolidamento;
Tot. : cedimento totale;
Diff. : cedimento differenziale;
Lim. : cedimento limite (4‰ x Dist.);
S : Coefficiente di sicurezza;
Esito : V = Verificato; NV = Non Verificato

					Max			Min						
Campata	**Asta**	**Fili**	**Comb.**	**Dist. [cm]**	**Istant. [cm]**	**Consol. [cm]**	**Tot. [cm]**	**Istant. [cm]**	**Consol. [cm]**	**Tot. [cm]**	**Diff. [cm]**	**Lim. [cm]**	**S**	**Esito**
227	1	1-2	Q. Perm.	530.0	-0.1552	-0.4386	-0.5938	-0.1174	-0.4058	-0.5232	0.0706	2.1200	30.03	V
228	7	1-7	Q. Perm.	305.0	-0.1978	-0.4649	-0.6627	-0.1552	-0.4303	-0.5855	0.0772	1.2200	15.80	V
229	8	2-3	Q. Perm.	405.0	-0.1179	-0.4037	-0.5217	-0.1174	-0.4033	-0.5207	0.0010	1.6200	1671.33	V
230	13	2-8	Q. Perm.	305.0	-0.1174	-0.3995	-0.5169	-0.0982	-0.3840	-0.4822	0.0347	1.2200	35.11	V
231	17	3-4	Q. Perm.	375.0	-0.1317	-0.4143	-0.5460	-0.1179	-0.4028	-0.5207	0.0253	1.5000	59.34	V
232	21	3-9	Q. Perm.	305.0	-0.1179	-0.4000	-0.5179	-0.0906	-0.3778	-0.4684	0.0495	1.2200	24.65	V
233	25	4-5	Q. Perm.	365.0	-0.1438	-0.4241	-0.5678	-0.1317	-0.4140	-0.5457	0.0222	1.4600	65.91	V
234	29	4-13	Q. Perm.	610.0	-0.1317	-0.4192	-0.5509	-0.0895	-0.3824	-0.4719	0.0790	2.4400	30.89	V
235	36	5-6	Q. Perm.	490.0	-0.1584	-0.4405	-0.5989	-0.1438	-0.4279	-0.5716	0.0272	1.9600	71.98	V
236	41	5-14	Q. Perm.	610.0	-0.1438	-0.4298	-0.5735	-0.0896	-0.3824	-0.4720	0.1015	2.4400	24.03	V
237	48	6-15	Q. Perm.	610.0	-0.1584	-0.4426	-0.6010	-0.1139	-0.4037	-0.5176	0.0834	2.4400	29.27	V
238	55	7-8	Q. Perm.	530.0	-0.1978	-0.4755	-0.6733	-0.0982	-0.3892	-0.4874	0.1859	2.1200	11.41	V
239	56	7-10	Q. Perm.	305.0	-0.2465	-0.5044	-0.7509	-0.1978	-0.4649	-0.6627	0.0881	1.2200	13.84	V
240	57	8-9	Q. Perm.	405.0	-0.0982	-0.3871	-0.4853	-0.0906	-0.3807	-0.4713	0.0140	1.6200	115.38	V
241	62	8-11	Q. Perm.	305.0	-0.0982	-0.3840	-0.4822	-0.0892	-0.3766	-0.4658	0.0164	1.2200	74.33	V
242	66	12-9	Q. Perm.	305.2	-0.0906	-0.3778	-0.4684	-0.0859	-0.3739	-0.4598	0.0085	1.2207	143.06	V
243	70	10-11	Q. Perm.	530.0	-0.2465	-0.5176	-0.7640	-0.0892	-0.3814	-0.4705	0.2935	2.1200	7.22	V
244	71	10-16	Q. Perm.	305.0	-0.2853	-0.5360	-0.8213	-0.2465	-0.5044	-0.7509	0.0705	1.2200	17.32	V
245	72	11-12	Q. Perm.	415.0	-0.0892	-0.3797	-0.4688	-0.0859	-0.3769	-0.4628	0.0060	1.6600	275.38	V
246	77	12-13	Q. Perm.	365.0	-0.0895	-0.3788	-0.4683	-0.0859	-0.3758	-0.4617	0.0066	1.4600	219.93	V
247	81	12-17	Q. Perm.	305.0	-0.0901	-0.3774	-0.4675	-0.0859	-0.3740	-0.4598	0.0077	1.2202	158.67	V

248	85	13-14	Q. Perm.	365.0	-0.0896	-0.3789	-0.4684	-0.0895	-0.3788	-0.4683	0.0001	1.4600	-	V
249	89	13-20	Q. Perm.	610.0	-0.0968	-0.3887	-0.4855	-0.0895	-0.3824	-0.4719	0.0136	2.4400	178.91	V
250	96	14-15	Q. Perm.	490.0	-0.1139	-0.4022	-0.5161	-0.0896	-0.3812	-0.4708	0.0453	1.9600	43.29	V
251	101	14-21	Q. Perm.	610.0	-0.0992	-0.3909	-0.4901	-0.0896	-0.3824	-0.4720	0.0181	2.4400	134.58	V
252	108	15-22	Q. Perm.	610.0	-0.1162	-0.4057	-0.5219	-0.1139	-0.4037	-0.5176	0.0042	2.4400	574.90	V
253	115	16-17	Q. Perm.	950.0	-0.2853	-0.5575	-0.8428	-0.0901	-0.3842	-0.4743	0.3685	3.8000	10.31	V
254	116	16-18	Q. Perm.	305.0	-0.3071	-0.5537	-0.8608	-0.2853	-0.5360	-0.8213	0.0394	1.2200	30.94	V
255	117	17-19	Q. Perm.	305.0	-0.0922	-0.3791	-0.4713	-0.0901	-0.3774	-0.4675	0.0038	1.2200	320.36	V
256	121	18-19	Q. Perm.	950.0	-0.3071	-0.5768	-0.8839	-0.0922	-0.3860	-0.4783	0.4056	3.8000	9.37	V
257	122	18-23	Q. Perm.	305.0	-0.3132	-0.5586	-0.8719	-0.3071	-0.5537	-0.8608	0.0111	1.2200	109.89	V
258	123	19-20	Q. Perm.	360.0	-0.0968	-0.3847	-0.4815	-0.0922	-0.3809	-0.4732	0.0083	1.4400	172.58	V
259	127	19-24	Q. Perm.	305.0	-0.0922	-0.3791	-0.4713	-0.0914	-0.3784	-0.4699	0.0015	1.2200	817.08	V
260	131	20-21	Q. Perm.	365.0	-0.0992	-0.3869	-0.4862	-0.0968	-0.3849	-0.4817	0.0045	1.4600	324.27	V
261	135	20-47	Q. Perm.	305.1	-0.0968	-0.3828	-0.4796	-0.0914	-0.3784	-0.4699	0.0097	1.2204	125.38	V
262	139	21-22	Q. Perm.	490.0	-0.1162	-0.4041	-0.5203	-0.0992	-0.3896	-0.4888	0.0315	1.9600	62.25	V
263	145	21-48	Q. Perm.	305.1	-0.0992	-0.3848	-0.4841	-0.0918	-0.3787	-0.4705	0.0136	1.2204	89.91	V
264	149	22-31	Q. Perm.	610.0	-0.1162	-0.4057	-0.5219	-0.1150	-0.4047	-0.5197	0.0022	2.4400	1132.25	V
265	156	23-24	Q. Perm.	950.0	-0.3132	-0.5822	-0.8954	-0.0914	-0.3853	-0.4767	0.4187	3.8000	9.08	V
266	157	23-25	Q. Perm.	305.0	-0.3132	-0.5586	-0.8719	-0.3062	-0.5530	-0.8592	0.0127	1.2200	96.26	V
267	158	24-26	Q. Perm.	305.0	-0.0929	-0.3797	-0.4726	-0.0914	-0.3784	-0.4699	0.0028	1.2200	440.55	V
268	162	24-47	Q. Perm.	0.0	-0.0914	-0.3801	-0.4715	-0.0914	-0.3801	-0.4715	0.0000	0.0000	-	V
269	166	25-26	Q. Perm.	950.0	-0.3062	-0.5760	-0.8822	-0.0929	-0.3867	-0.4796	0.4026	3.8000	9.44	V
270	167	25-34	Q. Perm.	315.0	-0.3062	-0.5542	-0.8604	-0.2798	-0.5326	-0.8125	0.0479	1.2600	26.30	V
271	168	26-27	Q. Perm.	375.0	-0.1054	-0.3924	-0.4978	-0.0929	-0.3819	-0.4749	0.0229	1.5000	65.45	V
272	172	26-35	Q. Perm.	315.0	-0.0978	-0.3840	-0.4817	-0.0929	-0.3800	-0.4730	0.0088	1.2600	143.94	V
273	176	27-28	Q. Perm.	140.0	-0.1081	-0.3774	-0.4855	-0.1054	-0.3757	-0.4811	0.0044	0.5600	126.69	V
274	178	27-36	Q. Perm.	420.1	-0.1117	-0.3989	-0.5106	-0.1054	-0.3936	-0.4990	0.0116	1.6805	144.67	V
275	183	47-27	Q. Perm.	305.8	-0.1054	-0.3898	-0.4952	-0.0914	-0.3784	-0.4699	0.0254	1.2233	48.22	V
276	187	28-29	Q. Perm.	195.0	-0.1081	-0.3844	-0.4924	-0.1062	-0.3830	-0.4893	0.0032	0.7800	246.61	V
277	189	29-30	Q. Perm.	210.0	-0.1062	-0.3844	-0.4907	-0.1042	-0.3828	-0.4870	0.0037	0.8400	229.14	V
278	192	29-33	Q. Perm.	210.5	-0.1062	-0.3844	-0.4907	-0.1061	-0.3843	-0.4904	0.0003	0.8421	3335.80	V
279	195	48-29	Q. Perm.	305.8	-0.1062	-0.3905	-0.4967	-0.0918	-0.3787	-0.4705	0.0262	1.2233	46.61	V
280	199	30-31	Q. Perm.	295.0	-0.1150	-0.3971	-0.5121	-0.1042	-0.3883	-0.4925	0.0197	1.1800	60.04	V
281	202	30-43	Q. Perm.	630.0	-0.1424	-0.4288	-0.5712	-0.1042	-0.3954	-0.4995	0.0717	2.5200	35.15	V
282	209	31-44	Q. Perm.	630.0	-0.1559	-0.4406	-0.5965	-0.1150	-0.4049	-0.5199	0.0766	2.5200	32.89	V
283	216	32-33	Q. Perm.	210.0	-0.1090	-0.3865	-0.4956	-0.1061	-0.3843	-0.4904	0.0051	0.8400	163.36	V
284	219	32-37	Q. Perm.	210.0	-0.1138	-0.3901	-0.5039	-0.1090	-0.3865	-0.4956	0.0084	0.8400	100.11	V
285	222	33-38	Q. Perm.	210.0	-0.1128	-0.3894	-0.5021	-0.1061	-0.3843	-0.4904	0.0117	0.8400	71.66	V
286	22	34-35	Q. Perm.	950.0	-0.2798	-0.5526	-0.8324	-0.0978	-0.3909	-0.4887	0.3437	3.8000	11.06	V

	5													
287	226	34-39	Q. Perm.	315.0	-0.2798	-0.5326	-0.8125	-0.2236	-0.4867	-0.7104	0.1021	1.2600	12.34	V
288	227	35-40	Q. Perm.	330.6	-0.1176	-0.3995	-0.5171	-0.0978	-0.3834	-0.4811	0.0360	1.3224	36.78	V
289	228	36-37	Q. Perm.	150.0	-0.1138	-0.3829	-0.4967	-0.1117	-0.3815	-0.4932	0.0035	0.6000	169.05	V
290	230	36-41	Q. Perm.	210.5	-0.1272	-0.4003	-0.5275	-0.1117	-0.3886	-0.5003	0.0273	0.8421	30.87	V
291	233	37-38	Q. Perm.	210.0	-0.1138	-0.3901	-0.5039	-0.1128	-0.3894	-0.5021	0.0018	0.8400	463.87	V
292	236	38-42	Q. Perm.	210.5	-0.1371	-0.4078	-0.5449	-0.1128	-0.3894	-0.5021	0.0428	0.8421	19.70	V
293	239	39-45	Q. Perm.	361.2	-0.2236	-0.4903	-0.7139	-0.1352	-0.4167	-0.5519	0.1620	1.4450	8.92	V
294	240	39-49	Q. Perm.	750.1	-0.2236	-0.5015	-0.7251	-0.1006	-0.3930	-0.4936	0.2315	3.0006	12.96	V
295	241	40-41	Q. Perm.	360.3	-0.1272	-0.4101	-0.5373	-0.1176	-0.4021	-0.5197	0.0176	1.4412	81.75	V
296	242	49-40	Q. Perm.	220.0	-0.1176	-0.3940	-0.5116	-0.1006	-0.3810	-0.4816	0.0300	0.8800	29.38	V
297	245	41-42	Q. Perm.	330.0	-0.1371	-0.4169	-0.5541	-0.1272	-0.4088	-0.5361	0.0180	1.3200	73.30	V
298	249	42-43	Q. Perm.	210.0	-0.1424	-0.4117	-0.5541	-0.1371	-0.4078	-0.5449	0.0092	0.8400	91.13	V
299	252	43-44	Q. Perm.	295.0	-0.1559	-0.4301	-0.5860	-0.1424	-0.4192	-0.5616	0.0244	1.1800	48.34	V
300	255	45-46	Q. Perm.	813.0	-0.1352	-0.4237	-0.5589	-0.1311	-0.4201	-0.5513	0.0077	3.2520	424.09	V
301	264	46-49	Q. Perm.	357.3	-0.1311	-0.4141	-0.5452	-0.1006	-0.3885	-0.4892	0.0560	1.4293	25.50	V
302	268	47-48	Q. Perm.	380.0	-0.0918	-0.3811	-0.4729	-0.0914	-0.3808	-0.4722	0.0006	1.5200	2459.27	V

Platee.

Platea : numero sella platea;
Fili : fili fissi ai quali appartiene la platea considerata;
Comb. : tipo inviluppo;
Dist. : distanza tra i punti di massimo cedimento differenziale;
Istant. : cedimento istantaneo;
Consol. : cedimento di consolidamento;
Tot. : cedimento totale;
Diff. : cedimento differenziale;
Lim. : cedimento limite (4‰ x Dist.);
S : Coefficiente di sicurezza;
Esito : V = Verificato; NV = Non Verificato

				Max			**Min**						
Platea	**Fili**	**Comb.**	**Dist. [cm]**	**Istant. [cm]**	**Consol. [cm]**	**Tot. [cm]**	**Istant. [cm]**	**Consol. [cm]**	**Tot. [cm]**	**Diff. [cm]**	**Lim. [cm]**	**S**	**Esito**
1	45, 46, 49, 44, 6, 1	Q. Perm.	2363.9	-0.1584	-0.1734	-0.3318	-0.0263	-0.0913	-0.1176	0.2142	9.4557	44.15	V

Dalle tabelle relative al cedimento differenziale limite delle fondazioni, si evince che i cedimenti differenziali massimi stimati risultano compatibili con la funzionalità dei lavori in oggetto.

7 RELAZIONE SULLE FONDAZIONI

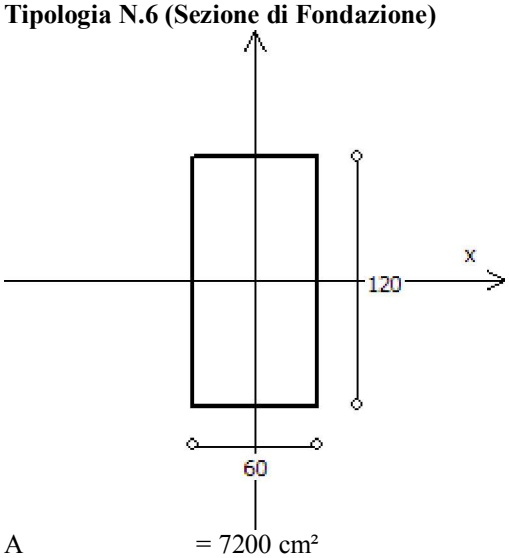
7.1 Strutture di fondazione e del suolo di fondazione.

Descrizione delle tipologie di fondazione utilizzate.

Nell'ambito dei lavori in oggetto si sono utilizzate le seguenti tipologie di fondazione: travi rovesce, platee, le cui dimensioni e la loro ubicazione vengono di seguito meglio descritte.

Descrizione delle tipologie di travi di fondazione utilizzate.

Tipologia N.6 (Sezione di Fondazione)



A = 7200 cm²
Jx = 8640000 cm^4
Jy = 2160000 cm^4
Jt = 5931360 cm^4
Materiale = Cls2
Peso = 1800 daN/ml

Caratteristiche delle travi di fondazione con la loro ubicazione in pianta.

Asta : numerazione dell'asta;
Fili : fili fissi ai quali appartiene l'asta;
Nodo Iniziale : nodo iniziale dell'asta;
Nodo Finale : nodo finale dell'asta;
SEZIONE : sezione trasversale associata all'asta;
L : lunghezza teorica (nodo-nodo) dell'asta;
Impalcato : impalcato di appartenenza dell'asta;
KwN : modulo di Winkler normale;
KwT : modulo di Winkler tangenziale;

Asta	Fili	Nodo Iniziale	Nodo Finale	SEZIONE	L [cm]	Impalcato	KwN [daN/cm³]	KwT [daN/cm³]
1	1, 2	1	274	6	88.33	Fondazione	5.00	2.50
2	1, 2	274	273	6	88.33	Fondazione	5.00	2.50
3	1, 2	273	272	6	88.33	Fondazione	5.00	2.50
4	1, 2	272	271	6	88.33	Fondazione	5.00	2.50
5	1, 2	271	270	6	88.33	Fondazione	5.00	2.50
6	1, 2	270	2	6	88.33	Fondazione	5.00	2.50
7	1, 7	1	7	6	305.00	Fondazione	5.00	2.50
8	2, 3	2	269	6	81.00	Fondazione	5.00	2.50
9	2, 3	269	268	6	81.00	Fondazione	5.00	2.50
10	2, 3	268	267	6	81.00	Fondazione	5.00	2.50

11	2, 3	267	266	6	81.00	Fondazione	5.00	2.50
12	2, 3	266	3	6	81.00	Fondazione	5.00	2.50
13	2, 8	2	303	6	76.25	Fondazione	5.00	2.50
14	2, 8	303	304	6	76.25	Fondazione	5.00	2.50
15	2, 8	304	305	6	76.25	Fondazione	5.00	2.50
16	2, 8	305	8	6	76.25	Fondazione	5.00	2.50
17	3, 4	3	265	6	93.75	Fondazione	5.00	2.50
18	3, 4	265	264	6	93.75	Fondazione	5.00	2.50
19	3, 4	264	263	6	93.75	Fondazione	5.00	2.50
20	3, 4	263	4	6	93.75	Fondazione	5.00	2.50
21	3, 9	3	306	6	76.25	Fondazione	5.00	2.50
22	3, 9	306	307	6	76.25	Fondazione	5.00	2.50
23	3, 9	307	308	6	76.25	Fondazione	5.00	2.50
24	3, 9	308	9	6	76.25	Fondazione	5.00	2.50
25	4, 5	4	262	6	91.25	Fondazione	5.00	2.50
26	4, 5	262	261	6	91.25	Fondazione	5.00	2.50
27	4, 5	261	260	6	91.25	Fondazione	5.00	2.50
28	4, 5	260	5	6	91.25	Fondazione	5.00	2.50
29	4, 13	4	309	6	87.14	Fondazione	5.00	2.50
30	4, 13	309	310	6	87.14	Fondazione	5.00	2.50
31	4, 13	310	311	6	87.14	Fondazione	5.00	2.50
32	4, 13	311	312	6	87.14	Fondazione	5.00	2.50
33	4, 13	312	313	6	87.14	Fondazione	5.00	2.50
34	4, 13	313	314	6	87.14	Fondazione	5.00	2.50
35	4, 13	314	13	6	87.14	Fondazione	5.00	2.50
36	5, 6	5	259	6	98.00	Fondazione	5.00	2.50
37	5, 6	259	258	6	98.00	Fondazione	5.00	2.50
38	5, 6	258	257	6	98.00	Fondazione	5.00	2.50
39	5, 6	257	256	6	98.00	Fondazione	5.00	2.50
40	5, 6	256	6	6	98.00	Fondazione	5.00	2.50
41	5, 14	5	315	6	87.14	Fondazione	5.00	2.50
42	5, 14	315	316	6	87.14	Fondazione	5.00	2.50
43	5, 14	316	317	6	87.14	Fondazione	5.00	2.50
44	5, 14	317	318	6	87.14	Fondazione	5.00	2.50
45	5, 14	318	319	6	87.14	Fondazione	5.00	2.50
46	5, 14	319	320	6	87.14	Fondazione	5.00	2.50
47	5, 14	320	14	6	87.14	Fondazione	5.00	2.50
48	6, 15	6	255	6	87.14	Fondazione	5.00	2.50
49	6, 15	255	254	6	87.14	Fondazione	5.00	2.50
50	6, 15	254	253	6	87.14	Fondazione	5.00	2.50
51	6, 15	253	252	6	87.14	Fondazione	5.00	2.50
52	6, 15	252	251	6	87.14	Fondazione	5.00	2.50
53	6, 15	251	250	6	87.14	Fondazione	5.00	2.50
54	6, 15	250	15	6	87.14	Fondazione	5.00	2.50
55	7, 8	7	8	6	530.00	Fondazione	5.00	2.50
56	7, 10	7	10	6	305.00	Fondazione	5.00	2.50
57	8, 9	8	321	6	81.00	Fondazione	5.00	2.50
58	8, 9	321	322	6	81.00	Fondazione	5.00	2.50
59	8, 9	322	323	6	81.00	Fondazione	5.00	2.50
60	8, 9	323	324	6	81.00	Fondazione	5.00	2.50
61	8, 9	324	9	6	81.00	Fondazione	5.00	2.50
62	8, 11	8	325	6	76.25	Fondazione	5.00	2.50
63	8, 11	325	326	6	76.25	Fondazione	5.00	2.50
64	8, 11	326	327	6	76.25	Fondazione	5.00	2.50
65	8, 11	327	11	6	76.25	Fondazione	5.00	2.50
66	12, 9	12	328	6	76.29	Fondazione	5.00	2.50
67	12, 9	328	329	6	76.29	Fondazione	5.00	2.50
68	12, 9	329	330	6	76.29	Fondazione	5.00	2.50
69	12, 9	330	9	6	76.29	Fondazione	5.00	2.50
70	10, 11	10	11	6	530.00	Fondazione	5.00	2.50
71	10, 16	10	16	6	305.00	Fondazione	5.00	2.50
72	11, 12	11	331	6	83.00	Fondazione	5.00	2.50
73	11, 12	331	332	6	83.00	Fondazione	5.00	2.50
74	11, 12	332	333	6	83.00	Fondazione	5.00	2.50
75	11, 12	333	334	6	83.00	Fondazione	5.00	2.50
76	11, 12	334	12	6	83.00	Fondazione	5.00	2.50
77	12, 13	12	335	6	91.25	Fondazione	5.00	2.50
78	12, 13	335	336	6	91.25	Fondazione	5.00	2.50
79	12, 13	336	337	6	91.25	Fondazione	5.00	2.50
80	12, 13	337	13	6	91.25	Fondazione	5.00	2.50
81	12, 17	12	338	6	76.26	Fondazione	5.00	2.50
82	12, 17	338	339	6	76.26	Fondazione	5.00	2.50

83	12, 17	339	340	6	76.26	Fondazione	5.00	2.50
84	12, 17	340	17	6	76.26	Fondazione	5.00	2.50
85	13, 14	13	341	6	91.25	Fondazione	5.00	2.50
86	13, 14	341	342	6	91.25	Fondazione	5.00	2.50
87	13, 14	342	343	6	91.25	Fondazione	5.00	2.50
88	13, 14	343	14	6	91.25	Fondazione	5.00	2.50
89	13, 20	13	344	6	87.14	Fondazione	5.00	2.50
90	13, 20	344	345	6	87.14	Fondazione	5.00	2.50
91	13, 20	345	346	6	87.14	Fondazione	5.00	2.50
92	13, 20	346	347	6	87.14	Fondazione	5.00	2.50
93	13, 20	347	348	6	87.14	Fondazione	5.00	2.50
94	13, 20	348	349	6	87.14	Fondazione	5.00	2.50
95	13, 20	349	20	6	87.14	Fondazione	5.00	2.50
96	14, 15	14	350	6	98.00	Fondazione	5.00	2.50
97	14, 15	350	351	6	98.00	Fondazione	5.00	2.50
98	14, 15	351	352	6	98.00	Fondazione	5.00	2.50
99	14, 15	352	353	6	98.00	Fondazione	5.00	2.50
100	14, 15	353	15	6	98.00	Fondazione	5.00	2.50
101	14, 21	14	354	6	87.14	Fondazione	5.00	2.50
102	14, 21	354	355	6	87.14	Fondazione	5.00	2.50
103	14, 21	355	356	6	87.14	Fondazione	5.00	2.50
104	14, 21	356	357	6	87.14	Fondazione	5.00	2.50
105	14, 21	357	358	6	87.14	Fondazione	5.00	2.50
106	14, 21	358	359	6	87.14	Fondazione	5.00	2.50
107	14, 21	359	21	6	87.14	Fondazione	5.00	2.50
108	15, 22	15	249	6	87.14	Fondazione	5.00	2.50
109	15, 22	249	248	6	87.14	Fondazione	5.00	2.50
110	15, 22	248	247	6	87.14	Fondazione	5.00	2.50
111	15, 22	247	246	6	87.14	Fondazione	5.00	2.50
112	15, 22	246	245	6	87.14	Fondazione	5.00	2.50
113	15, 22	245	244	6	87.14	Fondazione	5.00	2.50
114	15, 22	244	22	6	87.14	Fondazione	5.00	2.50
115	16, 17	16	17	6	950.00	Fondazione	5.00	2.50
116	16, 18	16	18	6	305.00	Fondazione	5.00	2.50
117	17, 19	17	360	6	76.25	Fondazione	5.00	2.50
118	17, 19	360	361	6	76.25	Fondazione	5.00	2.50
119	17, 19	361	362	6	76.25	Fondazione	5.00	2.50
120	17, 19	362	19	6	76.25	Fondazione	5.00	2.50
121	18, 19	18	19	6	950.00	Fondazione	5.00	2.50
122	18, 23	18	23	6	305.00	Fondazione	5.00	2.50
123	19, 20	19	363	6	90.00	Fondazione	5.00	2.50
124	19, 20	363	364	6	90.00	Fondazione	5.00	2.50
125	19, 20	364	365	6	90.00	Fondazione	5.00	2.50
126	19, 20	365	20	6	90.00	Fondazione	5.00	2.50
127	19, 24	19	366	6	76.25	Fondazione	5.00	2.50
128	19, 24	366	367	6	76.25	Fondazione	5.00	2.50
129	19, 24	367	368	6	76.25	Fondazione	5.00	2.50
130	19, 24	368	24	6	76.25	Fondazione	5.00	2.50
131	20, 21	20	369	6	91.25	Fondazione	5.00	2.50
132	20, 21	369	370	6	91.25	Fondazione	5.00	2.50
133	20, 21	370	371	6	91.25	Fondazione	5.00	2.50
134	20, 21	371	21	6	91.25	Fondazione	5.00	2.50
135	20, 47	20	372	6	76.27	Fondazione	5.00	2.50
136	20, 47	372	373	6	76.27	Fondazione	5.00	2.50
137	20, 47	373	374	6	76.27	Fondazione	5.00	2.50
138	20, 47	374	47	6	76.27	Fondazione	5.00	2.50
139	21, 22	21	375	6	82.50	Fondazione	5.00	2.50
140	21, 22	375	50	6	82.50	Fondazione	5.00	2.50
141	21, 22	50	376	6	81.25	Fondazione	5.00	2.50
142	21, 22	376	377	6	81.25	Fondazione	5.00	2.50
143	21, 22	377	378	6	81.25	Fondazione	5.00	2.50
144	21, 22	378	22	6	81.25	Fondazione	5.00	2.50
145	21, 48	21	379	6	76.27	Fondazione	5.00	2.50
146	21, 48	379	380	6	76.27	Fondazione	5.00	2.50
147	21, 48	380	381	6	76.27	Fondazione	5.00	2.50
148	21, 48	381	48	6	76.27	Fondazione	5.00	2.50
149	22, 31	22	243	6	87.14	Fondazione	5.00	2.50
150	22, 31	243	242	6	87.14	Fondazione	5.00	2.50
151	22, 31	242	241	6	87.14	Fondazione	5.00	2.50
152	22, 31	241	240	6	87.14	Fondazione	5.00	2.50
153	22, 31	240	239	6	87.14	Fondazione	5.00	2.50
154	22, 31	239	238	6	87.14	Fondazione	5.00	2.50

155	22, 31	238	31	6	87.14	Fondazione	5.00	2.50
156	23, 24	23	24	6	950.00	Fondazione	5.00	2.50
157	23, 25	23	25	6	305.00	Fondazione	5.00	2.50
158	24, 26	24	382	6	76.25	Fondazione	5.00	2.50
159	24, 26	382	383	6	76.25	Fondazione	5.00	2.50
160	24, 26	383	384	6	76.25	Fondazione	5.00	2.50
161	24, 26	384	26	6	76.25	Fondazione	5.00	2.50
162	24, 47	24	385	6	88.13	Fondazione	5.00	2.50
163	24, 47	385	386	6	88.13	Fondazione	5.00	2.50
164	24, 47	386	387	6	88.13	Fondazione	5.00	2.50
165	24, 47	387	47	6	88.13	Fondazione	5.00	2.50
166	25, 26	25	26	6	950.00	Fondazione	5.00	2.50
167	25, 34	25	34	6	315.00	Fondazione	5.00	2.50
168	26, 27	26	388	6	93.75	Fondazione	5.00	2.50
169	26, 27	388	389	6	93.75	Fondazione	5.00	2.50
170	26, 27	389	390	6	93.75	Fondazione	5.00	2.50
171	26, 27	390	27	6	93.75	Fondazione	5.00	2.50
172	26, 35	26	391	6	78.75	Fondazione	5.00	2.50
173	26, 35	391	392	6	78.75	Fondazione	5.00	2.50
174	26, 35	392	393	6	78.75	Fondazione	5.00	2.50
175	26, 35	393	35	6	78.75	Fondazione	5.00	2.50
176	27, 28	27	394	6	70.00	Fondazione	5.00	2.50
177	27, 28	394	28	6	70.00	Fondazione	5.00	2.50
178	27, 36	27	395	6	84.02	Fondazione	5.00	2.50
179	27, 36	395	396	6	84.02	Fondazione	5.00	2.50
180	27, 36	396	397	6	84.02	Fondazione	5.00	2.50
181	27, 36	397	398	6	84.02	Fondazione	5.00	2.50
182	27, 36	398	36	6	84.02	Fondazione	5.00	2.50
183	47, 27	47	399	6	76.46	Fondazione	5.00	2.50
184	47, 27	399	400	6	76.46	Fondazione	5.00	2.50
185	47, 27	400	401	6	76.46	Fondazione	5.00	2.50
186	47, 27	401	27	6	76.46	Fondazione	5.00	2.50
187	28, 29	28	402	6	97.50	Fondazione	5.00	2.50
188	28, 29	402	29	6	97.50	Fondazione	5.00	2.50
189	29, 30	29	403	6	70.00	Fondazione	5.00	2.50
190	29, 30	403	404	6	70.00	Fondazione	5.00	2.50
191	29, 30	404	30	6	70.00	Fondazione	5.00	2.50
192	29, 33	29	405	6	70.18	Fondazione	5.00	2.50
193	29, 33	405	406	6	70.18	Fondazione	5.00	2.50
194	29, 33	406	33	6	70.18	Fondazione	5.00	2.50
195	48, 29	48	407	6	76.46	Fondazione	5.00	2.50
196	48, 29	407	408	6	76.46	Fondazione	5.00	2.50
197	48, 29	408	409	6	76.46	Fondazione	5.00	2.50
198	48, 29	409	29	6	76.46	Fondazione	5.00	2.50
199	30, 31	30	410	6	98.33	Fondazione	5.00	2.50
200	30, 31	410	411	6	98.33	Fondazione	5.00	2.50
201	30, 31	411	31	6	98.33	Fondazione	5.00	2.50
202	30, 43	30	412	6	90.00	Fondazione	5.00	2.50
203	30, 43	412	413	6	90.00	Fondazione	5.00	2.50
204	30, 43	413	414	6	90.00	Fondazione	5.00	2.50
205	30, 43	414	415	6	90.00	Fondazione	5.00	2.50
206	30, 43	415	416	6	90.00	Fondazione	5.00	2.50
207	30, 43	416	417	6	90.00	Fondazione	5.00	2.50
208	30, 43	417	43	6	90.00	Fondazione	5.00	2.50
209	31, 44	31	237	6	90.00	Fondazione	5.00	2.50
210	31, 44	237	236	6	90.00	Fondazione	5.00	2.50
211	31, 44	236	235	6	90.00	Fondazione	5.00	2.50
212	31, 44	235	234	6	90.00	Fondazione	5.00	2.50
213	31, 44	234	233	6	90.00	Fondazione	5.00	2.50
214	31, 44	233	232	6	90.00	Fondazione	5.00	2.50
215	31, 44	232	44	6	90.00	Fondazione	5.00	2.50
216	32, 33	32	418	6	70.00	Fondazione	5.00	2.50
217	32, 33	418	419	6	70.00	Fondazione	5.00	2.50
218	32, 33	419	33	6	70.00	Fondazione	5.00	2.50
219	32, 37	32	420	6	70.00	Fondazione	5.00	2.50
220	32, 37	420	421	6	70.00	Fondazione	5.00	2.50
221	32, 37	421	37	6	70.00	Fondazione	5.00	2.50
222	33, 38	33	422	6	70.00	Fondazione	5.00	2.50
223	33, 38	422	423	6	70.00	Fondazione	5.00	2.50
224	33, 38	423	38	6	70.00	Fondazione	5.00	2.50
225	34, 35	34	35	6	950.00	Fondazione	5.00	2.50
226	34, 39	34	39	6	315.00	Fondazione	5.00	2.50

227	35, 40	35	40	6	330.61	Fondazione	5.00	2.50
228	36, 37	36	424	6	75.00	Fondazione	5.00	2.50
229	36, 37	424	37	6	75.00	Fondazione	5.00	2.50
230	36, 41	36	425	6	70.18	Fondazione	5.00	2.50
231	36, 41	425	426	6	70.18	Fondazione	5.00	2.50
232	36, 41	426	41	6	70.18	Fondazione	5.00	2.50
233	37, 38	37	427	6	70.00	Fondazione	5.00	2.50
234	37, 38	427	428	6	70.00	Fondazione	5.00	2.50
235	37, 38	428	38	6	70.00	Fondazione	5.00	2.50
236	38, 42	38	429	6	70.18	Fondazione	5.00	2.50
237	38, 42	429	430	6	70.18	Fondazione	5.00	2.50
238	38, 42	430	42	6	70.18	Fondazione	5.00	2.50
239	39, 45	39	45	6	361.25	Fondazione	5.00	2.50
240	39, 49	39	49	6	750.15	Fondazione	5.00	2.50
241	40, 41	40	41	6	360.31	Fondazione	5.00	2.50
242	49, 40	49	460	6	73.33	Fondazione	5.00	2.50
243	49, 40	460	459	6	73.33	Fondazione	5.00	2.50
244	49, 40	459	40	6	73.33	Fondazione	5.00	2.50
245	41, 42	41	431	6	82.50	Fondazione	5.00	2.50
246	41, 42	431	432	6	82.50	Fondazione	5.00	2.50
247	41, 42	432	433	6	82.50	Fondazione	5.00	2.50
248	41, 42	433	42	6	82.50	Fondazione	5.00	2.50
249	42, 43	42	434	6	70.00	Fondazione	5.00	2.50
250	42, 43	434	435	6	70.00	Fondazione	5.00	2.50
251	42, 43	435	43	6	70.00	Fondazione	5.00	2.50
252	43, 44	43	436	6	98.33	Fondazione	5.00	2.50
253	43, 44	436	437	6	98.33	Fondazione	5.00	2.50
254	43, 44	437	44	6	98.33	Fondazione	5.00	2.50
255	45, 46	45	207	6	90.33	Fondazione	5.00	2.50
256	45, 46	207	208	6	90.33	Fondazione	5.00	2.50
257	45, 46	208	209	6	90.33	Fondazione	5.00	2.50
258	45, 46	209	210	6	90.33	Fondazione	5.00	2.50
259	45, 46	210	211	6	90.33	Fondazione	5.00	2.50
260	45, 46	211	212	6	90.33	Fondazione	5.00	2.50
261	45, 46	212	213	6	90.33	Fondazione	5.00	2.50
262	45, 46	213	214	6	90.33	Fondazione	5.00	2.50
263	45, 46	214	46	6	90.33	Fondazione	5.00	2.50
264	46, 49	46	215	6	89.33	Fondazione	5.00	2.50
265	46, 49	215	216	6	89.33	Fondazione	5.00	2.50
266	46, 49	216	217	6	89.33	Fondazione	5.00	2.50
267	46, 49	217	49	6	89.33	Fondazione	5.00	2.50
268	47, 48	47	438	6	95.00	Fondazione	5.00	2.50
269	47, 48	438	439	6	95.00	Fondazione	5.00	2.50
270	47, 48	439	440	6	95.00	Fondazione	5.00	2.50
271	47, 48	440	48	6	95.00	Fondazione	5.00	2.50

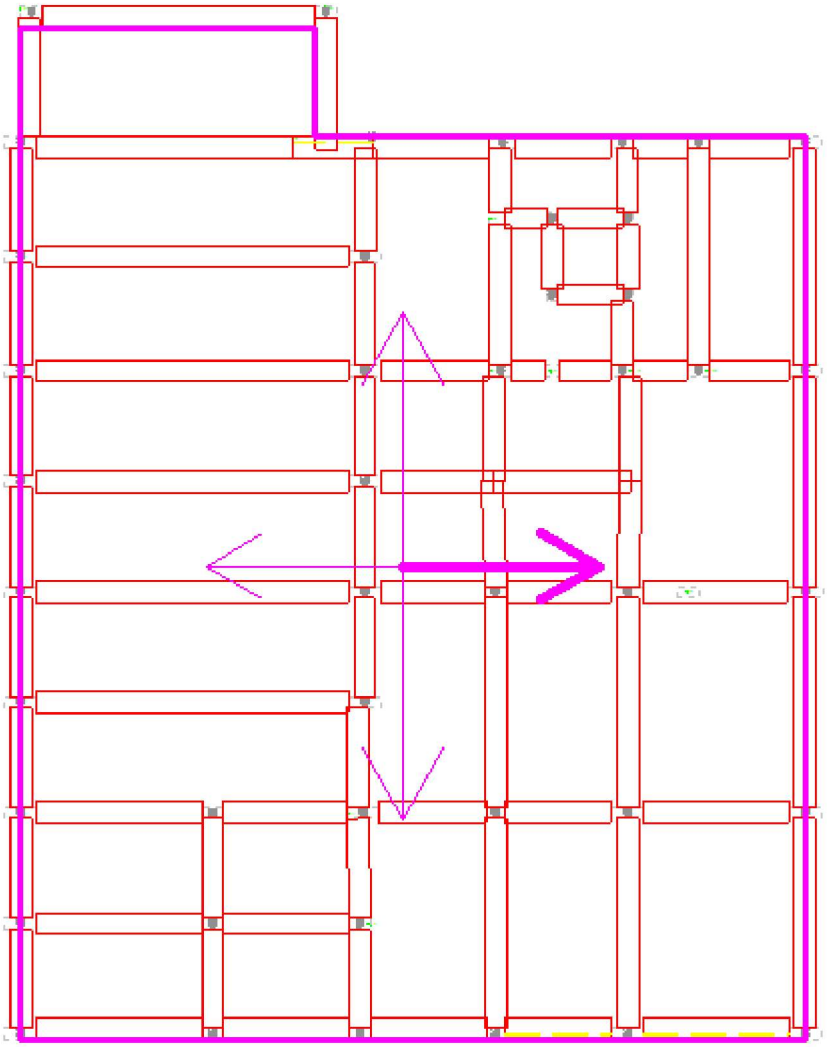
Descrizione delle platee di fondazione e loro ubicazione in pianta.

Platea : numero della platea;
Impalcato : impalcato al quale appartiene la piastra;
Fili : fili fissi ai quali appartiene la piastra;
Spessore : spessore della Piastra;
KwN : modulo di Winkler normale;
KwT : modulo di Winkler tangenziale;

Platea	Impalcato	Fili	Spessore [cm]	KwN [daN/cm³]	KwT [daN/cm³]
1	Fondazione	45, 46, 49, 44, 6, 1	60	5.00	2.50

Piante fondazioni.

Fondazione



7.2 Tensioni sul Terreno.

I dati seguenti riportano i valori delle tensioni esercitate dalla fondazione sul terreno.

Asta/Piastra : numerazione interna dell'asta/piastra.
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta/piastra.
Comb : combinazione di appartenenza del valore considerato nell'inviluppo.
Tensioni (σ_T) : valore della tensione dovuta alla pressione dell'asta/piastra di fondazione:

Tabella 42.I

Tensioni Terreno							
				SLU	SLE		
					Caratteristiche	Frequenti	Quasi Permanenti
Asta	Imp.	Fili	X [cm]	σt [daN/cm²]	σt [daN/cm²]	σt [daN/cm²]	σt [daN/cm²]
1	Fondazione	1-2	0.00	1.20(21)	0.83(2)	0.79(4)	0.78(1)
			44.17	1.13(21)	0.79(2)	0.75(4)	0.74(1)
			88.33	1.06(21)	0.75(2)	0.72(4)	0.70(1)
2	Fondazione	1-2	0.00	1.06(3)	0.75(2)	0.72(4)	0.70(1)
			44.17	1.00(3)	0.72(2)	0.68(4)	0.67(1)
			88.33	0.94(3)	0.69(2)	0.66(4)	0.65(1)
3	Fondazione	1-2	0.00	0.94(3)	0.69(2)	0.66(4)	0.65(1)
			44.17	0.91(3)	0.66(2)	0.63(4)	0.62(1)
			88.33	0.88(3)	0.65(2)	0.62(4)	0.61(1)
4	Fondazione	1-2	0.00	0.88(3)	0.65(2)	0.62(1)	0.61(1)
			44.17	0.86(3)	0.63(2)	0.60(1)	0.60(1)
			88.33	0.85(3)	0.63(2)	0.60(1)	0.59(1)
5	Fondazione	1-2	0.00	0.85(3)	0.63(2)	0.60(1)	0.59(1)
			44.17	0.85(3)	0.62(2)	0.59(1)	0.59(1)
			88.33	0.85(3)	0.62(2)	0.59(1)	0.59(1)
6	Fondazione	1-2	0.00	0.85(3)	0.62(2)	0.59(1)	0.59(1)
			44.17	0.85(3)	0.62(2)	0.59(1)	0.59(1)
			88.33	0.85(3)	0.62(2)	0.59(1)	0.59(1)
7	Fondazione	1-7	0.00	1.20(3)	0.83(2)	0.79(1)	0.78(1)
			152.50	1.26(3)	0.92(2)	0.87(1)	0.86(1)
			305.00	1.45(3)	1.06(2)	1.01(1)	0.99(1)
8	Fondazione	2-3	0.00	0.85(3)	0.62(2)	0.59(1)	0.59(1)
			40.50	0.85(3)	0.62(2)	0.59(1)	0.59(1)
			81.00	0.84(3)	0.62(2)	0.59(1)	0.58(1)
9	Fondazione	2-3	0.00	0.84(3)	0.62(2)	0.59(1)	0.58(1)
			40.50	0.84(3)	0.61(2)	0.59(1)	0.58(1)
			81.00	0.83(3)	0.61(2)	0.59(1)	0.58(1)
10	Fondazione	2-3	0.00	0.83(3)	0.61(2)	0.59(1)	0.58(1)
			40.50	0.83(3)	0.61(2)	0.58(1)	0.58(1)
			81.00	0.83(3)	0.61(2)	0.58(1)	0.58(1)
11	Fondazione	2-3	0.00	0.83(3)	0.61(2)	0.58(1)	0.58(1)
			40.50	0.83(3)	0.61(2)	0.59(1)	0.58(1)
			81.00	0.84(3)	0.62(2)	0.59(1)	0.58(1)
12	Fondazione	2-3	0.00	0.84(13)	0.62(2)	0.59(1)	0.58(1)
			40.50	0.85(13)	0.62(2)	0.59(1)	0.59(1)
			81.00	0.87(13)	0.62(2)	0.60(1)	0.59(1)
13	Fondazione	2-8	0.00	0.85(3)	0.62(2)	0.59(1)	0.59(1)
			38.13	0.82(3)	0.60(2)	0.58(1)	0.57(1)
			76.25	0.79(3)	0.58(2)	0.56(1)	0.55(1)
14	Fondazione	2-8	0.00	0.79(3)	0.58(2)	0.56(1)	0.55(1)
			38.13	0.77(3)	0.57(2)	0.54(1)	0.54(1)
			76.25	0.75(3)	0.55(2)	0.53(1)	0.52(1)
15	Fondazione	2-8	0.00	0.75(2)	0.55(1)	0.53(1)	0.52(1)
			38.13	0.74(2)	0.54(1)	0.52(1)	0.51(1)
			76.25	0.73(2)	0.53(1)	0.51(1)	0.50(1)
16	Fondazione	2-8	0.00	0.73(2)	0.53(1)	0.51(1)	0.50(1)
			38.13	0.72(2)	0.53(1)	0.50(1)	0.50(1)
			76.25	0.71(2)	0.52(1)	0.50(1)	0.49(1)
17	Fondazione	3-4	0.00	0.87(13)	0.62(2)	0.60(1)	0.59(1)
			46.88	0.90(13)	0.63(2)	0.60(1)	0.59(1)
			93.75	0.94(13)	0.63(2)	0.60(1)	0.60(1)
18	Fondazione	3-4	0.00	0.94(13)	0.63(2)	0.60(1)	0.60(1)
			46.88	0.98(13)	0.64(2)	0.61(1)	0.60(1)

			93.75	1.01(13)	0.64(2)	0.62(1)	0.61(1)
19	Fondazione	3-4	0.00	1.01(13)	0.64(2)	0.62(1)	0.61(1)
			46.88	1.05(13)	0.65(2)	0.63(1)	0.62(1)
			93.75	1.07(13)	0.67(2)	0.64(1)	0.63(1)
20	Fondazione	3-4	0.00	1.07(13)	0.67(2)	0.64(1)	0.63(1)
			46.88	1.09(13)	0.68(2)	0.65(1)	0.65(1)
			93.75	1.09(13)	0.70(2)	0.67(1)	0.66(1)
21	Fondazione	3-9	0.00	0.87(3)	0.62(2)	0.60(1)	0.59(1)
			38.13	0.81(3)	0.60(2)	0.57(1)	0.57(1)
			76.25	0.78(3)	0.57(2)	0.55(1)	0.54(1)
22	Fondazione	3-9	0.00	0.78(3)	0.57(2)	0.55(1)	0.54(1)
			38.13	0.75(3)	0.55(2)	0.53(1)	0.52(1)
			76.25	0.72(3)	0.53(2)	0.51(1)	0.50(1)
23	Fondazione	3-9	0.00	0.72(2)	0.53(1)	0.51(1)	0.50(1)
			38.13	0.70(2)	0.51(1)	0.49(1)	0.49(1)
			76.25	0.68(2)	0.50(1)	0.48(1)	0.47(1)
24	Fondazione	3-9	0.00	0.68(2)	0.50(1)	0.48(1)	0.47(1)
			38.13	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.66(2)	0.48(1)	0.46(1)	0.45(1)
25	Fondazione	4-5	0.00	1.09(13)	0.70(2)	0.67(1)	0.66(1)
			45.63	1.07(13)	0.71(2)	0.68(1)	0.67(1)
			91.25	1.03(13)	0.72(2)	0.69(1)	0.68(1)
26	Fondazione	4-5	0.00	1.03(3)	0.72(2)	0.69(4)	0.68(1)
			45.63	1.00(3)	0.73(2)	0.70(4)	0.69(1)
			91.25	1.00(3)	0.74(2)	0.70(4)	0.70(1)
27	Fondazione	4-5	0.00	1.00(3)	0.74(2)	0.70(4)	0.70(1)
			45.63	1.01(3)	0.74(2)	0.71(4)	0.70(1)
			91.25	1.02(3)	0.75(2)	0.72(4)	0.71(1)
28	Fondazione	4-5	0.00	1.02(3)	0.75(21)	0.72(4)	0.71(1)
			45.63	1.03(3)	0.76(21)	0.72(4)	0.71(1)
			91.25	1.03(3)	0.76(21)	0.73(4)	0.72(1)
29	Fondazione	4-13	0.00	1.09(13)	0.70(2)	0.67(1)	0.66(1)
			43.57	0.99(13)	0.65(2)	0.62(1)	0.61(1)
			87.14	0.89(13)	0.60(2)	0.58(1)	0.57(1)
30	Fondazione	4-13	0.00	0.89(13)	0.60(2)	0.58(1)	0.57(1)
			43.57	0.80(13)	0.56(2)	0.54(1)	0.53(1)
			87.14	0.72(13)	0.53(2)	0.50(1)	0.50(1)
31	Fondazione	4-13	0.00	0.72(3)	0.53(2)	0.50(1)	0.50(1)
			43.57	0.67(3)	0.50(2)	0.48(1)	0.47(1)
			87.14	0.64(3)	0.47(2)	0.46(1)	0.45(1)
32	Fondazione	4-13	0.00	0.64(2)	0.47(1)	0.46(1)	0.45(1)
			43.57	0.62(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.61(2)	0.45(1)	0.43(1)	0.43(1)
33	Fondazione	4-13	0.00	0.61(2)	0.45(1)	0.43(1)	0.43(1)
			43.57	0.61(2)	0.45(1)	0.43(1)	0.42(1)
			87.14	0.61(2)	0.45(1)	0.43(1)	0.42(1)
34	Fondazione	4-13	0.00	0.61(2)	0.45(1)	0.43(1)	0.42(1)
			43.57	0.62(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.47(1)	0.44(1)	0.44(1)
35	Fondazione	4-13	0.00	0.63(2)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.65(2)	0.47(1)	0.45(1)	0.44(1)
			87.14	0.65(2)	0.48(1)	0.45(1)	0.45(1)
36	Fondazione	5-6	0.00	1.03(8)	0.76(21)	0.73(4)	0.72(1)
			49.00	1.04(8)	0.77(21)	0.73(4)	0.72(1)
			98.00	1.11(8)	0.78(21)	0.74(4)	0.73(1)
37	Fondazione	5-6	0.00	1.11(8)	0.78(21)	0.74(4)	0.73(1)
			49.00	1.19(8)	0.79(21)	0.75(4)	0.74(1)
			98.00	1.28(8)	0.80(21)	0.75(4)	0.74(1)
38	Fondazione	5-6	0.00	1.28(8)	0.80(21)	0.75(4)	0.74(1)
			49.00	1.36(8)	0.80(21)	0.76(4)	0.75(1)
			98.00	1.45(8)	0.81(21)	0.77(4)	0.76(1)
39	Fondazione	5-6	0.00	1.45(8)	0.81(21)	0.77(1)	0.76(1)
			49.00	1.54(8)	0.82(21)	0.77(1)	0.77(1)
			98.00	1.63(8)	0.83(21)	0.78(1)	0.77(1)
40	Fondazione	5-6	0.00	1.63(8)	0.83(21)	0.78(5)	0.77(1)
			49.00	1.72(8)	0.84(21)	0.79(5)	0.78(1)
			98.00	1.81(8)	0.85(21)	0.80(5)	0.79(1)
41	Fondazione	5-14	0.00	1.03(3)	0.76(21)	0.73(4)	0.72(1)
			43.57	0.96(3)	0.71(21)	0.67(4)	0.67(1)
			87.14	0.88(3)	0.65(21)	0.62(4)	0.61(1)
42	Fondazione	5-14	0.00	0.88(3)	0.65(21)	0.62(1)	0.61(1)
			43.57	0.81(3)	0.60(21)	0.57(1)	0.57(1)

			87.14	0.75(3)	0.56(21)	0.53(1)	0.52(1)
43	Fondazione	5-14	0.00	0.75(3)	0.56(21)	0.53(1)	0.52(1)
			43.57	0.70(3)	0.52(21)	0.50(1)	0.49(1)
			87.14	0.66(3)	0.49(21)	0.47(1)	0.46(1)
44	Fondazione	5-14	0.00	0.66(3)	0.49(21)	0.47(1)	0.46(1)
			43.57	0.63(3)	0.47(21)	0.45(1)	0.44(1)
			87.14	0.62(3)	0.45(21)	0.44(1)	0.43(1)
45	Fondazione	5-14	0.00	0.62(2)	0.45(1)	0.44(1)	0.43(1)
			43.57	0.61(2)	0.45(1)	0.43(1)	0.43(1)
			87.14	0.61(2)	0.45(1)	0.43(1)	0.43(1)
46	Fondazione	5-14	0.00	0.61(2)	0.45(1)	0.43(1)	0.43(1)
			43.57	0.62(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.47(1)	0.44(1)	0.44(1)
47	Fondazione	5-14	0.00	0.63(2)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.64(2)	0.47(1)	0.45(1)	0.44(1)
			87.14	0.65(2)	0.48(1)	0.45(1)	0.45(1)
48	Fondazione	6-15	0.00	1.81(8)	0.85(21)	0.80(5)	0.79(1)
			43.57	1.66(8)	0.80(21)	0.75(5)	0.74(1)
			87.14	1.52(8)	0.75(21)	0.71(5)	0.70(1)
49	Fondazione	6-15	0.00	1.52(8)	0.75(21)	0.71(1)	0.70(1)
			43.57	1.38(8)	0.71(21)	0.67(1)	0.66(1)
			87.14	1.26(8)	0.67(21)	0.63(1)	0.62(1)
50	Fondazione	6-15	0.00	1.26(8)	0.67(21)	0.63(1)	0.62(1)
			43.57	1.15(8)	0.63(21)	0.60(1)	0.59(1)
			87.14	1.05(8)	0.61(21)	0.58(1)	0.57(1)
51	Fondazione	6-15	0.00	1.05(8)	0.61(21)	0.58(1)	0.57(1)
			43.57	0.98(8)	0.59(21)	0.56(1)	0.56(1)
			87.14	0.92(8)	0.58(21)	0.55(1)	0.55(1)
52	Fondazione	6-15	0.00	0.92(6)	0.58(5)	0.55(1)	0.55(1)
			43.57	0.89(6)	0.58(5)	0.55(1)	0.54(1)
			87.14	0.86(6)	0.58(5)	0.55(1)	0.55(1)
53	Fondazione	6-15	0.00	0.86(6)	0.58(21)	0.55(1)	0.55(1)
			43.57	0.84(6)	0.59(21)	0.56(1)	0.55(1)
			87.14	0.83(6)	0.59(21)	0.57(1)	0.56(1)
54	Fondazione	6-15	0.00	0.83(22)	0.59(21)	0.57(1)	0.56(1)
			43.57	0.82(22)	0.60(21)	0.57(1)	0.57(1)
			87.14	0.83(22)	0.61(21)	0.58(1)	0.57(1)
55	Fondazione	7-8	0.00	1.45(2)	1.06(1)	1.01(1)	0.99(1)
			265.00	0.97(2)	0.71(1)	0.68(1)	0.66(1)
			530.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
56	Fondazione	7-10	0.00	1.45(3)	1.06(2)	1.01(1)	0.99(1)
			152.50	1.64(3)	1.20(2)	1.13(1)	1.11(1)
			305.00	1.81(3)	1.32(2)	1.25(1)	1.23(1)
57	Fondazione	8-9	0.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
			40.50	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			81.00	0.69(2)	0.50(1)	0.48(1)	0.47(1)
58	Fondazione	8-9	0.00	0.69(2)	0.50(1)	0.48(1)	0.47(1)
			40.50	0.68(2)	0.50(1)	0.47(1)	0.47(1)
			81.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
59	Fondazione	8-9	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			40.50	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			81.00	0.66(2)	0.48(1)	0.46(1)	0.45(1)
60	Fondazione	8-9	0.00	0.66(2)	0.48(1)	0.46(1)	0.45(1)
			40.50	0.65(2)	0.48(1)	0.46(1)	0.45(1)
			81.00	0.65(2)	0.48(1)	0.46(1)	0.45(1)
61	Fondazione	8-9	0.00	0.65(2)	0.48(1)	0.46(1)	0.45(1)
			40.50	0.65(2)	0.48(1)	0.46(1)	0.45(1)
			81.00	0.66(2)	0.48(1)	0.46(1)	0.45(1)
62	Fondazione	8-11	0.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
			38.13	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			76.25	0.69(2)	0.51(1)	0.48(1)	0.48(1)
63	Fondazione	8-11	0.00	0.69(2)	0.51(1)	0.48(1)	0.48(1)
			38.13	0.68(2)	0.50(1)	0.48(1)	0.47(1)
			76.25	0.67(2)	0.50(1)	0.47(1)	0.46(1)
64	Fondazione	8-11	0.00	0.67(2)	0.50(1)	0.47(1)	0.46(1)
			38.13	0.67(2)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.46(1)	0.45(1)
65	Fondazione	8-11	0.00	0.66(2)	0.49(1)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.48(1)	0.46(1)	0.45(1)
			76.25	0.65(2)	0.48(1)	0.45(1)	0.45(1)
66	Fondazione	12-9	0.00	0.62(2)	0.46(5)	0.44(1)	0.43(1)
			38.15	0.62(2)	0.46(5)	0.44(1)	0.43(1)

			76.29	0.62(2)	0.46(5)	0.43(1)	0.43(1)
67	Fondazione	12-9	0.00	0.62(2)	0.46(5)	0.43(1)	0.43(1)
			38.15	0.62(2)	0.46(5)	0.43(1)	0.43(1)
			76.29	0.62(2)	0.46(5)	0.44(1)	0.43(1)
68	Fondazione	12-9	0.00	0.62(2)	0.46(5)	0.44(1)	0.43(1)
			38.15	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			76.29	0.63(2)	0.47(5)	0.44(1)	0.44(1)
69	Fondazione	12-9	0.00	0.63(2)	0.47(1)	0.44(1)	0.44(1)
			38.15	0.64(2)	0.47(1)	0.45(1)	0.44(1)
			76.29	0.66(2)	0.48(1)	0.46(1)	0.45(1)
70	Fondazione	10-11	0.00	1.81(2)	1.32(1)	1.25(1)	1.23(1)
			265.00	1.06(2)	0.78(1)	0.74(1)	0.73(1)
			530.00	0.65(2)	0.48(1)	0.45(1)	0.45(1)
71	Fondazione	10-16	0.00	1.81(3)	1.32(2)	1.25(1)	1.23(1)
			152.50	1.96(3)	1.43(2)	1.36(1)	1.33(1)
			305.00	2.09(3)	1.53(2)	1.45(1)	1.43(1)
72	Fondazione	11-12	0.00	0.65(2)	0.48(5)	0.45(1)	0.45(1)
			41.50	0.63(2)	0.47(5)	0.44(1)	0.43(1)
			83.00	0.62(2)	0.46(5)	0.43(1)	0.42(1)
73	Fondazione	11-12	0.00	0.62(2)	0.46(5)	0.43(1)	0.42(1)
			41.50	0.61(2)	0.45(5)	0.42(1)	0.42(1)
			83.00	0.60(2)	0.45(5)	0.42(1)	0.41(1)
74	Fondazione	11-12	0.00	0.60(2)	0.45(5)	0.42(1)	0.41(1)
			41.50	0.60(2)	0.45(5)	0.42(1)	0.41(1)
			83.00	0.61(2)	0.45(5)	0.42(1)	0.42(1)
75	Fondazione	11-12	0.00	0.61(2)	0.45(5)	0.42(1)	0.42(1)
			41.50	0.61(2)	0.45(5)	0.43(1)	0.42(1)
			83.00	0.62(2)	0.45(5)	0.43(1)	0.42(1)
76	Fondazione	11-12	0.00	0.62(2)	0.45(5)	0.43(1)	0.42(1)
			41.50	0.62(2)	0.46(5)	0.43(1)	0.43(1)
			83.00	0.62(2)	0.46(5)	0.44(1)	0.43(1)
77	Fondazione	12-13	0.00	0.62(2)	0.46(5)	0.44(1)	0.43(1)
			45.63	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			91.25	0.63(2)	0.46(5)	0.44(1)	0.43(1)
78	Fondazione	12-13	0.00	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			45.63	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			91.25	0.63(2)	0.47(5)	0.44(1)	0.43(1)
79	Fondazione	12-13	0.00	0.63(2)	0.47(1)	0.44(1)	0.43(1)
			45.63	0.64(2)	0.47(1)	0.44(1)	0.44(1)
			91.25	0.64(2)	0.47(1)	0.45(1)	0.44(1)
80	Fondazione	12-13	0.00	0.64(2)	0.47(1)	0.45(1)	0.44(1)
			45.63	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			91.25	0.65(2)	0.48(1)	0.45(1)	0.45(1)
81	Fondazione	12-17	0.00	0.62(2)	0.46(5)	0.44(1)	0.43(1)
			38.13	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			76.26	0.63(2)	0.46(5)	0.44(1)	0.43(1)
82	Fondazione	12-17	0.00	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			38.13	0.63(2)	0.46(5)	0.44(1)	0.43(1)
			76.26	0.63(2)	0.47(5)	0.44(1)	0.44(1)
83	Fondazione	12-17	0.00	0.63(2)	0.47(5)	0.44(1)	0.44(1)
			38.13	0.64(2)	0.47(5)	0.45(1)	0.44(1)
			76.26	0.64(2)	0.47(5)	0.45(1)	0.44(1)
84	Fondazione	12-17	0.00	0.64(2)	0.47(5)	0.45(1)	0.44(1)
			38.13	0.65(2)	0.48(5)	0.45(1)	0.45(1)
			76.26	0.65(2)	0.48(5)	0.46(1)	0.45(1)
85	Fondazione	13-14	0.00	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			45.63	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			91.25	0.65(2)	0.48(1)	0.45(1)	0.45(1)
86	Fondazione	13-14	0.00	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			45.63	0.65(2)	0.48(1)	0.45(1)	0.44(1)
			91.25	0.65(2)	0.48(1)	0.45(1)	0.44(1)
87	Fondazione	13-14	0.00	0.65(2)	0.48(1)	0.45(1)	0.44(1)
			45.63	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			91.25	0.65(2)	0.48(1)	0.45(1)	0.45(1)
88	Fondazione	13-14	0.00	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			45.63	0.65(2)	0.48(1)	0.46(1)	0.45(1)
			91.25	0.65(2)	0.48(1)	0.45(1)	0.45(1)
89	Fondazione	13-20	0.00	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			43.57	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.65(2)	0.48(1)	0.45(1)	0.44(1)
90	Fondazione	13-20	0.00	0.65(2)	0.48(1)	0.45(1)	0.44(1)
			43.57	0.64(2)	0.47(1)	0.45(1)	0.44(1)

			87.14	0.63(2)	0.47(1)	0.44(1)	0.44(1)
91	Fondazione	13-20	0.00	0.63(2)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.63(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.46(1)	0.44(1)	0.43(1)
92	Fondazione	13-20	0.00	0.63(2)	0.46(1)	0.44(1)	0.43(1)
			43.57	0.63(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.64(2)	0.47(1)	0.45(1)	0.44(1)
93	Fondazione	13-20	0.00	0.64(2)	0.47(1)	0.45(1)	0.44(1)
			43.57	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.66(2)	0.48(1)	0.46(1)	0.45(1)
94	Fondazione	13-20	0.00	0.66(2)	0.48(1)	0.46(1)	0.45(1)
			43.57	0.67(2)	0.50(1)	0.47(1)	0.46(1)
			87.14	0.69(2)	0.51(1)	0.48(1)	0.47(1)
95	Fondazione	13-20	0.00	0.69(2)	0.51(1)	0.48(1)	0.47(1)
			43.57	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			87.14	0.70(2)	0.52(1)	0.49(1)	0.48(1)
96	Fondazione	14-15	0.00	0.65(2)	0.48(5)	0.45(1)	0.45(1)
			49.00	0.64(2)	0.47(5)	0.45(1)	0.44(1)
			98.00	0.64(2)	0.47(5)	0.45(1)	0.44(1)
97	Fondazione	14-15	0.00	0.64(2)	0.47(5)	0.45(1)	0.44(1)
			49.00	0.63(2)	0.46(5)	0.44(1)	0.44(1)
			98.00	0.63(2)	0.47(5)	0.44(1)	0.44(1)
98	Fondazione	14-15	0.00	0.63(22)	0.47(5)	0.44(1)	0.44(1)
			49.00	0.64(22)	0.47(5)	0.45(1)	0.45(1)
			98.00	0.66(22)	0.49(5)	0.47(1)	0.46(1)
99	Fondazione	14-15	0.00	0.66(22)	0.49(21)	0.47(1)	0.46(1)
			49.00	0.70(22)	0.51(21)	0.49(1)	0.48(1)
			98.00	0.73(22)	0.54(21)	0.52(1)	0.51(1)
100	Fondazione	14-15	0.00	0.73(22)	0.54(21)	0.52(1)	0.51(1)
			49.00	0.78(22)	0.57(21)	0.55(1)	0.54(1)
			98.00	0.83(22)	0.61(21)	0.58(1)	0.57(1)
101	Fondazione	14-21	0.00	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			43.57	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.64(2)	0.47(1)	0.45(1)	0.44(1)
102	Fondazione	14-21	0.00	0.64(2)	0.47(1)	0.45(1)	0.44(1)
			43.57	0.63(2)	0.47(1)	0.44(1)	0.44(1)
			87.14	0.63(2)	0.46(1)	0.44(1)	0.43(1)
103	Fondazione	14-21	0.00	0.63(2)	0.46(1)	0.44(1)	0.43(1)
			43.57	0.62(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.62(2)	0.46(1)	0.43(1)	0.43(1)
104	Fondazione	14-21	0.00	0.62(2)	0.46(1)	0.43(1)	0.43(1)
			43.57	0.63(2)	0.46(1)	0.44(1)	0.43(1)
			87.14	0.63(2)	0.47(1)	0.44(1)	0.44(1)
105	Fondazione	14-21	0.00	0.63(2)	0.47(1)	0.44(1)	0.44(1)
			43.57	0.65(2)	0.48(1)	0.45(1)	0.45(1)
			87.14	0.66(2)	0.49(1)	0.46(1)	0.46(1)
106	Fondazione	14-21	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			43.57	0.68(2)	0.50(1)	0.48(1)	0.47(1)
			87.14	0.70(2)	0.51(1)	0.49(1)	0.48(1)
107	Fondazione	14-21	0.00	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			43.57	0.71(2)	0.53(1)	0.50(1)	0.49(1)
			87.14	0.72(2)	0.53(1)	0.50(1)	0.50(1)
108	Fondazione	15-22	0.00	0.83(22)	0.61(21)	0.58(1)	0.57(1)
			43.57	0.82(22)	0.60(21)	0.58(1)	0.57(1)
			87.14	0.82(22)	0.60(21)	0.57(1)	0.56(1)
109	Fondazione	15-22	0.00	0.82(22)	0.60(21)	0.57(1)	0.56(1)
			43.57	0.81(22)	0.59(21)	0.56(1)	0.56(1)
			87.14	0.80(22)	0.59(21)	0.56(1)	0.55(1)
110	Fondazione	15-22	0.00	0.80(22)	0.59(5)	0.56(1)	0.55(1)
			43.57	0.79(22)	0.58(5)	0.55(1)	0.55(1)
			87.14	0.79(22)	0.58(5)	0.55(1)	0.54(1)
111	Fondazione	15-22	0.00	0.79(22)	0.58(21)	0.55(1)	0.54(1)
			43.57	0.79(22)	0.58(21)	0.55(1)	0.54(1)
			87.14	0.79(22)	0.58(21)	0.55(1)	0.55(1)
112	Fondazione	15-22	0.00	0.79(22)	0.58(21)	0.55(1)	0.55(1)
			43.57	0.80(22)	0.58(21)	0.56(1)	0.55(1)
			87.14	0.81(22)	0.59(21)	0.56(1)	0.56(1)
113	Fondazione	15-22	0.00	0.81(22)	0.59(21)	0.56(1)	0.56(1)
			43.57	0.82(22)	0.60(21)	0.57(1)	0.56(1)
			87.14	0.83(22)	0.61(21)	0.58(1)	0.57(1)
114	Fondazione	15-22	0.00	0.83(7)	0.61(21)	0.58(1)	0.57(1)
			43.57	0.84(7)	0.62(21)	0.59(1)	0.58(1)

			87.14	0.86(7)	0.62(21)	0.59(1)	0.58(1)
115	Fondazione	16-17	0.00	2.09(2)	1.53(5)	1.45(1)	1.43(1)
			475.00	0.87(2)	0.64(5)	0.61(1)	0.60(1)
			950.00	0.65(2)	0.48(5)	0.46(1)	0.45(1)
116	Fondazione	16-18	0.00	2.09(3)	1.53(2)	1.45(1)	1.43(1)
			152.50	2.18(3)	1.59(2)	1.51(1)	1.49(1)
			305.00	2.24(3)	1.64(2)	1.56(1)	1.54(1)
117	Fondazione	17-19	0.00	0.65(2)	0.48(5)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.48(5)	0.46(1)	0.45(1)
			76.25	0.66(2)	0.48(5)	0.46(1)	0.45(1)
118	Fondazione	17-19	0.00	0.66(2)	0.48(5)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.48(5)	0.46(1)	0.45(1)
			76.25	0.66(2)	0.48(5)	0.46(1)	0.45(1)
119	Fondazione	17-19	0.00	0.66(2)	0.48(5)	0.46(1)	0.45(1)
			38.13	0.66(2)	0.49(5)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(5)	0.46(1)	0.46(1)
120	Fondazione	17-19	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.67(2)	0.49(1)	0.47(1)	0.46(1)
121	Fondazione	18-19	0.00	2.24(2)	1.64(1)	1.56(1)	1.54(1)
			475.00	0.91(2)	0.67(1)	0.64(1)	0.63(1)
			950.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
122	Fondazione	18-23	0.00	2.24(3)	1.64(2)	1.56(1)	1.54(1)
			152.50	2.27(3)	1.66(2)	1.58(1)	1.56(1)
			305.00	2.29(3) *	1.67(2) *	1.59(1) *	1.57(1) *
123	Fondazione	19-20	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			45.00	0.67(2)	0.50(1)	0.47(1)	0.47(1)
			90.00	0.68(2)	0.50(1)	0.47(1)	0.47(1)
124	Fondazione	19-20	0.00	0.68(2)	0.50(1)	0.47(1)	0.47(1)
			45.00	0.68(2)	0.50(1)	0.48(1)	0.47(1)
			90.00	0.69(2)	0.50(1)	0.48(1)	0.47(1)
125	Fondazione	19-20	0.00	0.69(2)	0.50(1)	0.48(1)	0.47(1)
			45.00	0.69(2)	0.51(1)	0.48(1)	0.48(1)
			90.00	0.70(2)	0.51(1)	0.49(1)	0.48(1)
126	Fondazione	19-20	0.00	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			45.00	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			90.00	0.70(2)	0.52(1)	0.49(1)	0.48(1)
127	Fondazione	19-24	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			38.13	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.47(1)	0.46(1)
128	Fondazione	19-24	0.00	0.66(2)	0.49(1)	0.47(1)	0.46(1)
			38.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.46(1)	0.46(1)
129	Fondazione	19-24	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.48(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.46(1)	0.46(1)
130	Fondazione	19-24	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.46(1)	0.46(1)
131	Fondazione	20-21	0.00	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			45.63	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			91.25	0.70(2)	0.52(1)	0.49(1)	0.48(1)
132	Fondazione	20-21	0.00	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			45.63	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			91.25	0.70(2)	0.51(1)	0.49(1)	0.48(1)
133	Fondazione	20-21	0.00	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			45.63	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			91.25	0.71(2)	0.52(1)	0.50(1)	0.49(1)
134	Fondazione	20-21	0.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
			45.63	0.72(2)	0.53(1)	0.50(1)	0.49(1)
			91.25	0.72(2)	0.53(1)	0.50(1)	0.50(1)
135	Fondazione	20-47	0.00	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			38.14	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			76.27	0.70(2)	0.51(1)	0.49(1)	0.48(1)
136	Fondazione	20-47	0.00	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			38.14	0.69(2)	0.51(1)	0.48(1)	0.47(1)
			76.27	0.68(2)	0.50(1)	0.47(1)	0.47(1)
137	Fondazione	20-47	0.00	0.68(2)	0.50(1)	0.47(1)	0.47(1)
			38.14	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.27	0.66(2)	0.49(1)	0.47(1)	0.46(1)
138	Fondazione	20-47	0.00	0.66(2)	0.49(1)	0.47(1)	0.46(1)
			38.14	0.66(2)	0.49(1)	0.46(1)	0.46(1)

			76.27	0.66(2)	0.49(1)	0.46(1)	0.46(1)
139	Fondazione	21-22	0.00	0.72(2)	0.53(1)	0.50(1)	0.50(1)
			41.25	0.72(2)	0.53(1)	0.51(1)	0.50(1)
			82.50	0.72(2)	0.53(1)	0.51(1)	0.50(1)
140	Fondazione	21-22	0.00	0.72(2)	0.53(5)	0.51(1)	0.50(1)
			41.25	0.72(2)	0.53(5)	0.51(1)	0.50(1)
			82.50	0.72(2)	0.53(5)	0.51(1)	0.50(1)
141	Fondazione	21-22	0.00	0.72(22)	0.53(5)	0.51(1)	0.50(1)
			40.63	0.72(22)	0.53(5)	0.51(1)	0.50(1)
			81.25	0.73(22)	0.53(5)	0.51(1)	0.50(1)
142	Fondazione	21-22	0.00	0.73(22)	0.53(5)	0.51(1)	0.50(1)
			40.63	0.74(22)	0.54(5)	0.52(1)	0.51(1)
			81.25	0.75(22)	0.55(5)	0.52(1)	0.52(1)
143	Fondazione	21-22	0.00	0.75(22)	0.55(21)	0.52(1)	0.52(1)
			40.63	0.77(22)	0.56(21)	0.54(1)	0.53(1)
			81.25	0.79(22)	0.58(21)	0.55(1)	0.55(1)
144	Fondazione	21-22	0.00	0.79(7)	0.58(21)	0.55(1)	0.55(1)
			40.63	0.82(7)	0.60(21)	0.57(1)	0.56(1)
			81.25	0.86(7)	0.62(21)	0.59(1)	0.58(1)
145	Fondazione	21-48	0.00	0.72(2)	0.53(1)	0.50(1)	0.50(1)
			38.14	0.72(2)	0.53(1)	0.50(1)	0.49(1)
			76.27	0.71(2)	0.52(1)	0.50(1)	0.49(1)
146	Fondazione	21-48	0.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
			38.14	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			76.27	0.69(2)	0.51(1)	0.48(1)	0.47(1)
147	Fondazione	21-48	0.00	0.69(2)	0.51(1)	0.48(1)	0.47(1)
			38.14	0.68(2)	0.50(1)	0.47(1)	0.47(1)
			76.27	0.67(2)	0.49(1)	0.47(1)	0.46(1)
148	Fondazione	21-48	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			38.14	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.27	0.67(2)	0.49(1)	0.47(1)	0.46(1)
149	Fondazione	22-31	0.00	0.86(7)	0.62(21)	0.59(1)	0.58(1)
			43.57	0.86(7)	0.62(21)	0.59(1)	0.58(1)
			87.14	0.86(7)	0.61(21)	0.58(1)	0.57(1)
150	Fondazione	22-31	0.00	0.86(9)	0.61(5)	0.58(1)	0.57(1)
			43.57	0.85(9)	0.60(5)	0.57(1)	0.57(1)
			87.14	0.85(9)	0.60(5)	0.57(1)	0.56(1)
151	Fondazione	22-31	0.00	0.85(9)	0.60(5)	0.57(1)	0.56(1)
			43.57	0.85(9)	0.59(5)	0.56(1)	0.55(1)
			87.14	0.85(9)	0.58(5)	0.56(1)	0.55(1)
152	Fondazione	22-31	0.00	0.85(9)	0.58(5)	0.56(1)	0.55(1)
			43.57	0.85(9)	0.58(5)	0.55(1)	0.55(1)
			87.14	0.87(9)	0.58(5)	0.55(1)	0.55(1)
153	Fondazione	22-31	0.00	0.87(9)	0.58(5)	0.55(1)	0.55(1)
			43.57	0.88(9)	0.59(5)	0.56(1)	0.55(1)
			87.14	0.90(9)	0.60(5)	0.56(1)	0.56(1)
154	Fondazione	22-31	0.00	0.90(9)	0.60(5)	0.56(1)	0.56(1)
			43.57	0.92(9)	0.60(5)	0.57(1)	0.56(1)
			87.14	0.94(9)	0.61(5)	0.58(1)	0.57(1)
155	Fondazione	22-31	0.00	0.94(9)	0.61(5)	0.58(1)	0.57(1)
			43.57	0.96(9)	0.61(5)	0.58(1)	0.57(1)
			87.14	0.96(9)	0.62(5)	0.58(1)	0.58(1)
156	Fondazione	23-24	0.00	2.29(2) *	1.67(1) *	1.59(1) *	1.57(1) *
			475.00	0.92(2)	0.68(1)	0.65(1)	0.64(1)
			950.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
157	Fondazione	23-25	0.00	2.29(3) *	1.67(2) *	1.59(1) *	1.57(1) *
			152.50	2.27(3)	1.66(2)	1.58(1)	1.55(1)
			305.00	2.23(3)	1.63(2)	1.55(1)	1.53(1)
158	Fondazione	24-26	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.46(1)	0.46(1)
159	Fondazione	24-26	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.66(2)	0.49(1)	0.46(1)	0.46(1)
160	Fondazione	24-26	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			76.25	0.67(2)	0.49(1)	0.47(1)	0.46(1)
161	Fondazione	24-26	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			38.13	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.25	0.67(2)	0.50(1)	0.47(1)	0.46(1)
162	Fondazione	24-47	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			44.06	0.67(2)	0.49(1)	0.47(1)	0.46(1)

			88.13	0.67(2)	0.49(1)	0.47(1)	0.46(1)
163	Fondazione	24-47	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			44.06	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			88.13	0.67(2)	0.49(1)	0.47(1)	0.46(1)
164	Fondazione	24-47	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			44.06	0.66(2)	0.49(1)	0.47(1)	0.46(1)
			88.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
165	Fondazione	24-47	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			44.06	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			88.13	0.66(2)	0.49(1)	0.46(1)	0.46(1)
166	Fondazione	25-26	0.00	2.23(2)	1.63(1)	1.55(1)	1.53(1)
			475.00	0.90(2)	0.67(1)	0.64(1)	0.63(1)
			950.00	0.67(2)	0.50(1)	0.47(1)	0.46(1)
167	Fondazione	25-34	0.00	2.23(3)	1.63(2)	1.55(1)	1.53(1)
			157.50	2.15(3)	1.57(2)	1.50(1)	1.48(1)
			315.00	2.03(3)	1.49(2)	1.42(1)	1.40(1)
168	Fondazione	26-27	0.00	0.67(2)	0.50(1)	0.47(1)	0.46(1)
			46.88	0.68(2)	0.50(1)	0.48(1)	0.47(1)
			93.75	0.69(2)	0.51(1)	0.48(1)	0.48(1)
169	Fondazione	26-27	0.00	0.69(2)	0.51(1)	0.48(1)	0.48(1)
			46.88	0.70(2)	0.52(1)	0.49(1)	0.48(1)
			93.75	0.71(2)	0.52(1)	0.50(1)	0.49(1)
170	Fondazione	26-27	0.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
			46.88	0.73(2)	0.53(1)	0.51(1)	0.50(1)
			93.75	0.74(2)	0.54(1)	0.52(1)	0.51(1)
171	Fondazione	26-27	0.00	0.74(2)	0.54(1)	0.52(1)	0.51(1)
			46.88	0.76(2)	0.56(1)	0.53(1)	0.52(1)
			93.75	0.77(2)	0.57(1)	0.54(1)	0.53(1)
172	Fondazione	26-35	0.00	0.67(2)	0.50(1)	0.47(1)	0.46(1)
			39.38	0.67(2)	0.50(1)	0.47(1)	0.47(1)
			78.75	0.67(2)	0.50(1)	0.47(1)	0.47(1)
173	Fondazione	26-35	0.00	0.67(2)	0.50(1)	0.47(1)	0.47(1)
			39.38	0.67(2)	0.50(1)	0.47(1)	0.47(1)
			78.75	0.68(2)	0.50(1)	0.47(1)	0.47(1)
174	Fondazione	26-35	0.00	0.68(2)	0.50(5)	0.47(1)	0.47(1)
			39.38	0.68(2)	0.50(5)	0.48(1)	0.47(1)
			78.75	0.69(2)	0.51(5)	0.48(1)	0.48(1)
175	Fondazione	26-35	0.00	0.69(2)	0.51(5)	0.48(1)	0.48(1)
			39.38	0.70(2)	0.51(5)	0.49(1)	0.48(1)
			78.75	0.70(2)	0.52(5)	0.50(1)	0.49(1)
176	Fondazione	27-28	0.00	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			35.00	0.78(2)	0.57(1)	0.54(1)	0.53(1)
			70.00	0.78(2)	0.58(1)	0.55(1)	0.54(1)
177	Fondazione	27-28	0.00	0.78(2)	0.58(1)	0.55(1)	0.54(1)
			35.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
			70.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
178	Fondazione	27-36	0.00	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.77(2)	0.57(1)	0.54(1)	0.53(1)
179	Fondazione	27-36	0.00	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.77(2)	0.57(1)	0.54(1)	0.53(1)
180	Fondazione	27-36	0.00	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.77(2)	0.57(1)	0.54(1)	0.53(1)
181	Fondazione	27-36	0.00	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			42.01	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			84.02	0.78(2)	0.58(1)	0.55(1)	0.54(1)
182	Fondazione	27-36	0.00	0.78(3)	0.58(2)	0.55(1)	0.54(1)
			42.01	0.79(3)	0.58(2)	0.56(1)	0.55(1)
			84.02	0.80(3)	0.59(2)	0.57(1)	0.56(1)
183	Fondazione	47-27	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			38.23	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.46	0.68(2)	0.50(1)	0.47(1)	0.47(1)
184	Fondazione	47-27	0.00	0.68(2)	0.50(1)	0.47(1)	0.47(1)
			38.23	0.69(2)	0.51(1)	0.48(1)	0.48(1)
			76.46	0.71(2)	0.52(1)	0.49(1)	0.49(1)
185	Fondazione	47-27	0.00	0.71(2)	0.52(1)	0.49(1)	0.49(1)
			38.23	0.72(2)	0.53(1)	0.51(1)	0.50(1)
			76.46	0.74(2)	0.55(1)	0.52(1)	0.51(1)
186	Fondazione	47-27	0.00	0.74(2)	0.55(1)	0.52(1)	0.51(1)
			38.23	0.76(2)	0.56(1)	0.53(1)	0.52(1)

			76.46	0.77(2)	0.57(1)	0.54(1)	0.53(1)
187	Fondazione	28-29	0.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
			48.75	0.79(2)	0.58(1)	0.55(1)	0.54(1)
			97.50	0.79(2)	0.58(1)	0.55(1)	0.54(1)
188	Fondazione	28-29	0.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
			48.75	0.78(2)	0.57(1)	0.54(1)	0.53(1)
			97.50	0.78(2)	0.57(1)	0.54(1)	0.53(1)
189	Fondazione	29-30	0.00	0.78(2)	0.57(1)	0.54(1)	0.53(1)
			35.00	0.77(2)	0.57(1)	0.54(1)	0.53(1)
			70.00	0.77(2)	0.56(1)	0.53(1)	0.53(1)
190	Fondazione	29-30	0.00	0.77(2)	0.56(5)	0.53(1)	0.53(1)
			35.00	0.76(2)	0.56(5)	0.53(1)	0.52(1)
			70.00	0.76(2)	0.56(5)	0.53(1)	0.52(1)
191	Fondazione	29-30	0.00	0.76(2)	0.56(5)	0.53(1)	0.52(1)
			35.00	0.76(2)	0.56(5)	0.53(1)	0.52(1)
			70.00	0.76(2)	0.56(5)	0.53(1)	0.52(1)
192	Fondazione	29-33	0.00	0.78(2)	0.57(1)	0.54(1)	0.53(1)
			35.09	0.78(2)	0.57(1)	0.54(1)	0.53(1)
			70.18	0.78(2)	0.57(1)	0.54(1)	0.54(1)
193	Fondazione	29-33	0.00	0.78(2)	0.57(1)	0.54(1)	0.54(1)
			35.09	0.78(2)	0.57(1)	0.54(1)	0.53(1)
			70.18	0.77(2)	0.57(1)	0.54(1)	0.53(1)
194	Fondazione	29-33	0.00	0.77(2)	0.57(5)	0.54(1)	0.53(1)
			35.09	0.77(2)	0.57(5)	0.54(1)	0.53(1)
			70.18	0.77(2)	0.57(5)	0.54(1)	0.53(1)
195	Fondazione	48-29	0.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			38.23	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			76.46	0.68(2)	0.50(1)	0.48(1)	0.47(1)
196	Fondazione	48-29	0.00	0.68(2)	0.50(1)	0.48(1)	0.47(1)
			38.23	0.70(2)	0.51(1)	0.49(1)	0.48(1)
			76.46	0.71(2)	0.52(1)	0.50(1)	0.49(1)
197	Fondazione	48-29	0.00	0.71(2)	0.52(1)	0.50(1)	0.49(1)
			38.23	0.73(2)	0.54(1)	0.51(1)	0.50(1)
			76.46	0.75(2)	0.55(1)	0.52(1)	0.51(1)
198	Fondazione	48-29	0.00	0.75(2)	0.55(1)	0.52(1)	0.51(1)
			38.23	0.76(2)	0.56(1)	0.53(1)	0.52(1)
			76.46	0.78(2)	0.57(1)	0.54(1)	0.53(1)
199	Fondazione	30-31	0.00	0.76(22)	0.56(5)	0.53(1)	0.52(1)
			49.17	0.76(22)	0.56(5)	0.53(1)	0.52(1)
			98.33	0.76(22)	0.56(5)	0.53(1)	0.52(1)
200	Fondazione	30-31	0.00	0.76(9)	0.56(5)	0.53(1)	0.52(1)
			49.17	0.77(9)	0.57(5)	0.54(1)	0.53(1)
			98.33	0.82(9)	0.58(5)	0.55(1)	0.54(1)
201	Fondazione	30-31	0.00	0.82(9)	0.58(5)	0.55(1)	0.54(1)
			49.17	0.89(9)	0.60(5)	0.57(1)	0.56(1)
			98.33	0.96(9)	0.62(5)	0.58(1)	0.58(1)
202	Fondazione	30-43	0.00	0.76(2)	0.56(5)	0.53(1)	0.52(1)
			45.00	0.75(2)	0.55(5)	0.52(1)	0.52(1)
			90.00	0.74(2)	0.55(5)	0.52(1)	0.51(1)
203	Fondazione	30-43	0.00	0.74(22)	0.55(5)	0.52(1)	0.51(1)
			45.00	0.73(22)	0.54(5)	0.51(1)	0.50(1)
			90.00	0.72(22)	0.53(5)	0.51(1)	0.50(1)
204	Fondazione	30-43	0.00	0.72(22)	0.53(5)	0.51(1)	0.50(1)
			45.00	0.72(22)	0.53(5)	0.50(1)	0.50(1)
			90.00	0.72(22)	0.53(5)	0.51(1)	0.50(1)
205	Fondazione	30-43	0.00	0.72(22)	0.53(21)	0.51(1)	0.50(1)
			45.00	0.73(22)	0.54(21)	0.51(1)	0.51(1)
			90.00	0.75(22)	0.55(21)	0.53(1)	0.52(1)
206	Fondazione	30-43	0.00	0.75(3)	0.55(21)	0.53(1)	0.52(1)
			45.00	0.78(3)	0.57(21)	0.55(1)	0.54(1)
			90.00	0.82(3)	0.60(21)	0.57(1)	0.56(1)
207	Fondazione	30-43	0.00	0.82(3)	0.60(21)	0.57(1)	0.56(1)
			45.00	0.86(3)	0.64(21)	0.60(1)	0.59(1)
			90.00	0.92(3)	0.68(21)	0.64(1)	0.63(1)
208	Fondazione	30-43	0.00	0.92(3)	0.68(21)	0.64(4)	0.63(1)
			45.00	0.98(3)	0.72(21)	0.68(4)	0.67(1)
			90.00	1.04(3)	0.77(21)	0.72(4)	0.71(1)
209	Fondazione	31-44	0.00	0.96(9)	0.62(5)	0.58(1)	0.58(1)
			45.00	0.96(9)	0.61(5)	0.58(1)	0.57(1)
			90.00	0.95(9)	0.60(5)	0.57(1)	0.56(1)
210	Fondazione	31-44	0.00	0.95(9)	0.60(21)	0.57(1)	0.56(1)
			45.00	0.94(9)	0.59(21)	0.56(1)	0.56(1)

			90.00	0.93(9)	0.59(21)	0.56(1)	0.55(1)
211	Fondazione	31-44	0.00	0.93(7)	0.59(21)	0.56(1)	0.55(1)
			45.00	0.94(7)	0.58(21)	0.55(1)	0.55(1)
			90.00	0.95(7)	0.59(21)	0.55(1)	0.55(1)
212	Fondazione	31-44	0.00	0.95(7)	0.59(21)	0.55(1)	0.55(1)
			45.00	0.98(7)	0.60(21)	0.56(1)	0.56(1)
			90.00	1.02(7)	0.61(21)	0.58(1)	0.57(1)
213	Fondazione	31-44	0.00	1.02(7)	0.61(21)	0.58(4)	0.57(1)
			45.00	1.08(7)	0.64(21)	0.60(4)	0.59(1)
			90.00	1.15(7)	0.67(21)	0.63(4)	0.62(1)
214	Fondazione	31-44	0.00	1.15(7)	0.67(21)	0.63(4)	0.62(1)
			45.00	1.23(7)	0.71(21)	0.66(4)	0.65(1)
			90.00	1.33(7)	0.75(21)	0.70(4)	0.69(1)
215	Fondazione	31-44	0.00	1.33(7)	0.75(21)	0.70(4)	0.69(1)
			45.00	1.43(7)	0.80(21)	0.75(4)	0.73(1)
			90.00	1.53(7)	0.85(21)	0.80(4)	0.78(1)
216	Fondazione	32-33	0.00	0.79(2)	0.58(1)	0.55(1)	0.55(1)
			35.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
			70.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
217	Fondazione	32-33	0.00	0.79(2)	0.58(1)	0.55(1)	0.54(1)
			35.00	0.78(2)	0.58(1)	0.55(1)	0.54(1)
			70.00	0.78(2)	0.57(1)	0.55(1)	0.54(1)
218	Fondazione	32-33	0.00	0.78(2)	0.57(5)	0.55(1)	0.54(1)
			35.00	0.77(2)	0.57(5)	0.54(1)	0.53(1)
			70.00	0.77(2)	0.57(5)	0.54(1)	0.53(1)
219	Fondazione	32-37	0.00	0.79(2)	0.58(1)	0.55(1)	0.55(1)
			35.00	0.79(2)	0.58(1)	0.56(1)	0.55(1)
			70.00	0.79(2)	0.59(1)	0.56(1)	0.55(1)
220	Fondazione	32-37	0.00	0.79(2)	0.59(1)	0.56(1)	0.55(1)
			35.00	0.80(2)	0.59(1)	0.56(1)	0.55(1)
			70.00	0.80(2)	0.59(1)	0.57(1)	0.56(1)
221	Fondazione	32-37	0.00	0.80(3)	0.59(21)	0.57(1)	0.56(1)
			35.00	0.81(3)	0.60(21)	0.57(1)	0.56(1)
			70.00	0.82(3)	0.60(21)	0.58(1)	0.57(1)
222	Fondazione	33-38	0.00	0.77(2)	0.57(5)	0.54(1)	0.53(1)
			35.00	0.77(2)	0.57(5)	0.54(1)	0.53(1)
			70.00	0.77(2)	0.57(5)	0.54(1)	0.53(1)
223	Fondazione	33-38	0.00	0.77(3)	0.57(21)	0.54(1)	0.53(1)
			35.00	0.77(3)	0.57(21)	0.54(1)	0.54(1)
			70.00	0.78(3)	0.58(21)	0.55(1)	0.54(1)
224	Fondazione	33-38	0.00	0.78(3)	0.58(21)	0.55(1)	0.54(1)
			35.00	0.80(3)	0.59(21)	0.56(1)	0.55(1)
			70.00	0.82(3)	0.60(21)	0.57(1)	0.56(1)
225	Fondazione	34-35	0.00	2.03(2)	1.49(5)	1.42(1)	1.40(1)
			475.00	0.87(2)	0.64(5)	0.61(1)	0.61(1)
			950.00	0.70(2)	0.52(5)	0.50(1)	0.49(1)
226	Fondazione	34-39	0.00	2.03(3)	1.49(2)	1.42(1)	1.40(1)
			157.50	1.85(3)	1.36(2)	1.29(1)	1.28(1)
			315.00	1.62(3)	1.19(2)	1.13(1)	1.12(1)
227	Fondazione	35-40	0.00	0.70(7)	0.52(21)	0.50(1)	0.49(1)
			165.30	0.76(7)	0.56(21)	0.54(1)	0.53(1)
			330.61	0.86(7)	0.63(21)	0.60(1)	0.59(1)
228	Fondazione	36-37	0.00	0.80(3)	0.59(2)	0.57(1)	0.56(1)
			37.50	0.81(3)	0.60(2)	0.57(1)	0.56(1)
			75.00	0.82(3)	0.60(2)	0.57(1)	0.57(1)
229	Fondazione	36-37	0.00	0.82(3)	0.60(21)	0.57(1)	0.57(1)
			37.50	0.82(3)	0.60(21)	0.58(1)	0.57(1)
			75.00	0.82(3)	0.60(21)	0.58(1)	0.57(1)
230	Fondazione	36-41	0.00	0.80(3)	0.59(21)	0.57(1)	0.56(1)
			35.09	0.82(3)	0.60(21)	0.58(1)	0.57(1)
			70.18	0.83(3)	0.62(21)	0.59(1)	0.58(1)
231	Fondazione	36-41	0.00	0.83(3)	0.62(21)	0.59(1)	0.58(1)
			35.09	0.85(3)	0.63(21)	0.60(1)	0.59(1)
			70.18	0.87(3)	0.65(21)	0.61(1)	0.60(1)
232	Fondazione	36-41	0.00	0.87(3)	0.65(21)	0.61(1)	0.60(1)
			35.09	0.90(3)	0.66(21)	0.63(1)	0.62(1)
			70.18	0.92(3)	0.68(21)	0.65(1)	0.64(1)
233	Fondazione	37-38	0.00	0.82(3)	0.60(21)	0.58(1)	0.57(1)
			35.00	0.82(3)	0.61(21)	0.58(1)	0.57(1)
			70.00	0.82(3)	0.60(21)	0.58(1)	0.57(1)
234	Fondazione	37-38	0.00	0.82(3)	0.60(21)	0.58(1)	0.57(1)
			35.00	0.82(3)	0.60(21)	0.58(1)	0.57(1)

			70.00	0.82(3)	0.60(21)	0.57(1)	0.57(1)
235	Fondazione	37-38	0.00	0.82(3)	0.60(21)	0.57(1)	0.57(1)
			35.00	0.82(3)	0.60(21)	0.57(1)	0.57(1)
			70.00	0.82(3)	0.60(21)	0.57(1)	0.56(1)
236	Fondazione	38-42	0.00	0.82(3)	0.60(21)	0.57(1)	0.56(1)
			35.09	0.84(3)	0.62(21)	0.59(1)	0.58(1)
			70.18	0.86(3)	0.64(21)	0.60(1)	0.60(1)
237	Fondazione	38-42	0.00	0.86(3)	0.64(21)	0.60(1)	0.60(1)
			35.09	0.89(3)	0.66(21)	0.62(1)	0.62(1)
			70.18	0.93(3)	0.68(21)	0.65(1)	0.64(1)
238	Fondazione	38-42	0.00	0.93(3)	0.68(21)	0.65(1)	0.64(1)
			35.09	0.97(3)	0.71(21)	0.67(1)	0.66(1)
			70.18	1.00(3)	0.74(21)	0.70(1)	0.69(1)
239	Fondazione	39-45	0.00	1.62(3)	1.19(2)	1.13(4)	1.12(1)
			180.62	1.27(3)	0.93(2)	0.88(4)	0.87(1)
			361.25	1.00(3)	0.73(2)	0.70(4)	0.68(1)
240	Fondazione	39-49	0.00	1.62(10)	1.19(1)	1.13(1)	1.12(1)
			375.07	0.86(10)	0.63(1)	0.61(1)	0.60(1)
			750.15	0.74(10)	0.53(1)	0.51(1)	0.50(1)
241	Fondazione	40-41	0.00	0.86(3)	0.63(21)	0.60(1)	0.59(1)
			180.16	0.90(3)	0.66(21)	0.62(1)	0.61(1)
			360.31	0.92(3)	0.68(21)	0.65(1)	0.64(1)
242	Fondazione	49-40	0.00	0.74(2)	0.53(1)	0.51(1)	0.50(1)
			36.67	0.74(2)	0.55(1)	0.53(1)	0.52(1)
			73.33	0.77(2)	0.57(1)	0.54(1)	0.54(1)
243	Fondazione	49-40	0.00	0.77(22)	0.57(21)	0.54(1)	0.54(1)
			36.67	0.79(22)	0.58(21)	0.56(1)	0.55(1)
			73.33	0.81(22)	0.60(21)	0.57(1)	0.57(1)
244	Fondazione	49-40	0.00	0.81(7)	0.60(21)	0.57(1)	0.57(1)
			36.67	0.83(7)	0.62(21)	0.59(1)	0.58(1)
			73.33	0.86(7)	0.63(21)	0.60(1)	0.59(1)
245	Fondazione	41-42	0.00	0.92(3)	0.68(21)	0.65(1)	0.64(1)
			41.25	0.93(3)	0.69(21)	0.65(1)	0.64(1)
			82.50	0.94(3)	0.69(21)	0.66(1)	0.65(1)
246	Fondazione	41-42	0.00	0.94(3)	0.69(21)	0.66(1)	0.65(1)
			41.25	0.95(3)	0.70(21)	0.66(1)	0.65(1)
			82.50	0.96(3)	0.71(21)	0.67(1)	0.66(1)
247	Fondazione	41-42	0.00	0.96(3)	0.71(21)	0.67(1)	0.66(1)
			41.25	0.97(3)	0.71(21)	0.67(1)	0.66(1)
			82.50	0.98(3)	0.72(21)	0.68(1)	0.67(1)
248	Fondazione	41-42	0.00	0.98(3)	0.72(21)	0.68(1)	0.67(1)
			41.25	0.99(3)	0.73(21)	0.69(1)	0.68(1)
			82.50	1.00(3)	0.74(21)	0.70(1)	0.69(1)
249	Fondazione	42-43	0.00	1.00(3)	0.74(21)	0.70(1)	0.69(1)
			35.00	1.01(3)	0.74(21)	0.70(1)	0.69(1)
			70.00	1.02(3)	0.75(21)	0.71(1)	0.69(1)
250	Fondazione	42-43	0.00	1.02(3)	0.75(21)	0.71(4)	0.69(1)
			35.00	1.02(3)	0.75(21)	0.71(4)	0.70(1)
			70.00	1.03(3)	0.76(21)	0.71(4)	0.70(1)
251	Fondazione	42-43	0.00	1.03(3)	0.76(21)	0.71(4)	0.70(1)
			35.00	1.04(3)	0.77(21)	0.72(4)	0.71(1)
			70.00	1.04(3)	0.77(21)	0.72(4)	0.71(1)
252	Fondazione	43-44	0.00	1.04(7)	0.77(21)	0.72(4)	0.71(1)
			49.17	1.05(7)	0.78(21)	0.73(4)	0.72(1)
			98.33	1.13(7)	0.79(21)	0.74(4)	0.73(1)
253	Fondazione	43-44	0.00	1.13(7)	0.79(21)	0.74(4)	0.73(1)
			49.17	1.21(7)	0.80(21)	0.75(4)	0.73(1)
			98.33	1.30(7)	0.82(21)	0.76(4)	0.75(1)
254	Fondazione	43-44	0.00	1.30(7)	0.82(21)	0.76(4)	0.75(1)
			49.17	1.41(7)	0.83(21)	0.78(4)	0.76(1)
			98.33	1.53(7)	0.85(21)	0.80(4)	0.78(1)
255	Fondazione	45-46	0.00	1.00(3)	0.73(2)	0.70(4)	0.68(1)
			45.17	0.91(3)	0.67(2)	0.64(4)	0.62(1)
			90.33	0.83(3)	0.61(2)	0.58(4)	0.56(1)
256	Fondazione	45-46	0.00	0.83(3)	0.61(2)	0.58(4)	0.56(1)
			45.17	0.75(3)	0.55(2)	0.53(4)	0.52(1)
			90.33	0.69(3)	0.51(2)	0.48(4)	0.47(1)
257	Fondazione	45-46	0.00	0.69(3)	0.51(2)	0.48(4)	0.47(1)
			45.17	0.64(3)	0.47(2)	0.45(4)	0.44(1)
			90.33	0.59(3)	0.44(2)	0.42(4)	0.41(1)
258	Fondazione	45-46	0.00	0.59(3)	0.44(2)	0.42(1)	0.41(1)
			45.17	0.56(3)	0.42(2)	0.40(1)	0.39(1)

			90.33	0.55(3)	0.40(2)	0.39(1)	0.38(1)
259	Fondazione	45-46	0.00	0.55(3)	0.40(2)	0.39(1)	0.38(1)
			45.17	0.54(3)	0.40(2)	0.39(1)	0.38(1)
			90.33	0.55(3)	0.41(2)	0.39(1)	0.39(1)
260	Fondazione	45-46	0.00	0.55(3)	0.41(21)	0.39(1)	0.39(1)
			45.17	0.57(3)	0.42(21)	0.41(1)	0.40(1)
			90.33	0.60(3)	0.44(21)	0.43(1)	0.42(1)
261	Fondazione	45-46	0.00	0.60(3)	0.44(21)	0.43(1)	0.42(1)
			45.17	0.64(3)	0.47(21)	0.45(1)	0.45(1)
			90.33	0.69(3)	0.51(21)	0.49(1)	0.48(1)
262	Fondazione	45-46	0.00	0.69(15)	0.51(21)	0.49(1)	0.48(1)
			45.17	0.75(15)	0.55(21)	0.53(1)	0.52(1)
			90.33	0.81(15)	0.60(21)	0.57(1)	0.56(1)
263	Fondazione	45-46	0.00	0.81(7)	0.60(21)	0.57(4)	0.56(1)
			45.17	0.89(7)	0.65(21)	0.62(4)	0.61(1)
			90.33	0.99(7)	0.70(21)	0.66(4)	0.66(1)
264	Fondazione	46-49	0.00	0.99(3)	0.70(21)	0.66(1)	0.66(1)
			44.66	0.91(3)	0.67(21)	0.64(1)	0.63(1)
			89.33	0.87(3)	0.65(21)	0.62(1)	0.61(1)
265	Fondazione	46-49	0.00	0.87(3)	0.65(2)	0.62(1)	0.61(1)
			44.66	0.84(3)	0.62(2)	0.59(1)	0.59(1)
			89.33	0.81(3)	0.60(2)	0.57(1)	0.57(1)
266	Fondazione	46-49	0.00	0.81(2)	0.60(1)	0.57(1)	0.57(1)
			44.66	0.78(2)	0.58(1)	0.56(1)	0.55(1)
			89.33	0.76(2)	0.56(1)	0.54(1)	0.53(1)
267	Fondazione	46-49	0.00	0.76(10)	0.56(1)	0.54(1)	0.53(1)
			44.66	0.74(10)	0.55(1)	0.52(1)	0.52(1)
			89.33	0.74(10)	0.53(1)	0.51(1)	0.50(1)
268	Fondazione	47-48	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			95.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
269	Fondazione	47-48	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			95.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
270	Fondazione	47-48	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			95.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
271	Fondazione	47-48	0.00	0.66(2)	0.49(1)	0.46(1)	0.46(1)
			47.50	0.67(2)	0.49(1)	0.47(1)	0.46(1)
			95.00	0.67(2)	0.49(1)	0.47(1)	0.46(1)

Tabella 42.II

Tensioni Terreno				
	SLU	**SLE**		
		Caratteristiche	**Frequenti**	**Quasi Permanenti**
Piastra	**σt [daN/cm²]**	**σt [daN/cm²]**	**σt [daN/cm²]**	**σt [daN/cm²]**
1	1.81(8)	0.85(21)	0.80(5)	0.79(1)

* valore massimo.

Descrizione del suolo di fondazione.

- Caratteristiche litostratigrafiche

L'analisi dei risultati ottenuti dalle indagini per la caratterizzazione del suolo di fondazione sono meglio indicati nella relazione geologico-tecnica allegata. Per quanto riguarda l'aspetto geologico a seguito il rilevamento di un significativo intorno della zona in esame si è riscontrata la presenza delle seguenti successioni litostratigrafiche nelle relative sezioni geologiche (colonne stratigrafiche):

Filo : filo fisso al quale appartiene la colonna stratigrafica;
Colonna : nome della colonna stratigrafica;
Strato : nome dello strato appartenente la colonna stratigrafica;
Descrizione : descrizione dello strato;

Filo	**Colonna**	**Strato**	**Descrizione**
1	Colonna 1	Sabbia con limo debo	

- Caratteristiche fisico meccaniche dei terreni di fondazione

Nell'ambito del progetto si è fatto uso delle seguenti colonne stratigrafiche:

Caratteristiche delle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
Filo : filo fisso al quale appartiene la colonna stratigrafica;
Impalcato : Impalcato al quale appartiene la colonna stratigrafica;
Falda : Presenza della falda;
Prof. Falda : Profondità della falda (se è presente);
Spicc. Fond. : Quota dell'estradosso della fondazione rispetto al piano campagna;
No. Strati : Numero degli strati della colonna stratigrafica.
RQD : (Rock Quality Designation)grado di fratturazione dell'ammasso roccioso in [0-1]

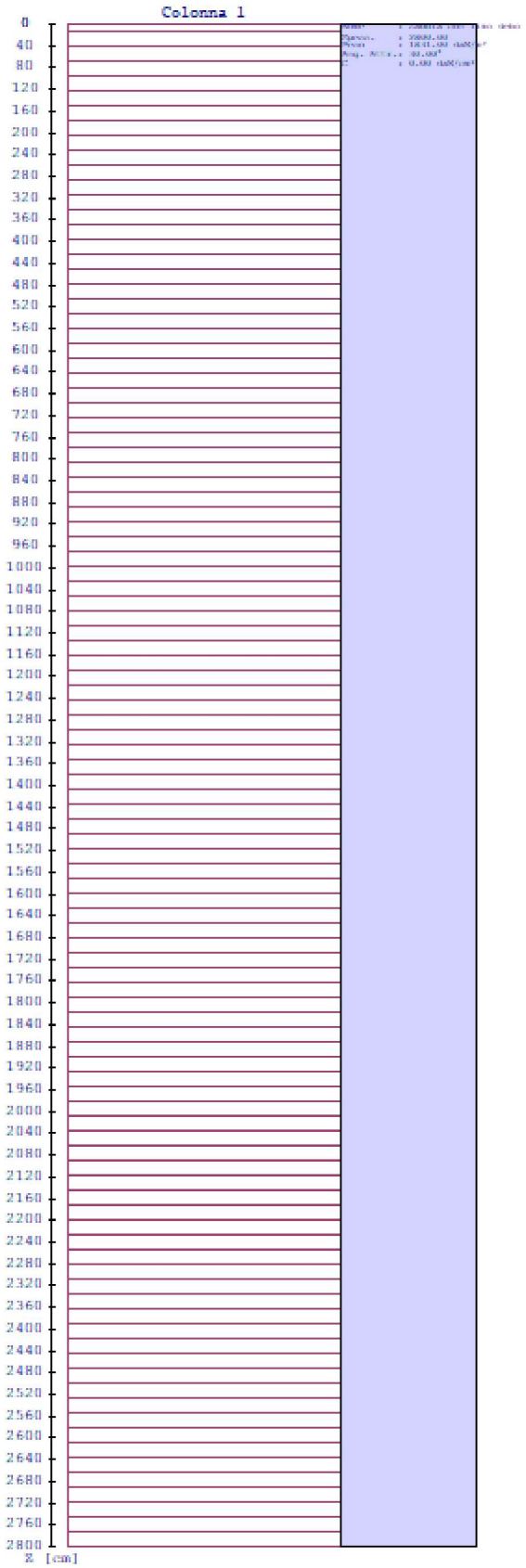
Filo	Colonna	Impalcato	Falda	Prof. Falda [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
2	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
3	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
4	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
5	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
6	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
7	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
8	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
9	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
10	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
11	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
12	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
13	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
14	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
15	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
16	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
17	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
18	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
19	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
20	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
21	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
22	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
23	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
24	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
25	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
26	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
27	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
28	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
29	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
30	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
31	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
32	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
33	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
34	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
35	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
36	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
37	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
38	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
39	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
40	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
41	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
42	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
43	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
44	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
45	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
46	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
47	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
48	Colonna 1	Fondazione	Non Presente	-	0.00	1	-
49	Colonna 1	Fondazione	Non Presente	-	0.00	1	-

Caratteristiche degli strati appartenenti alle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
Strato : nome dello strato appartenente la colonna stratigrafica;
Spess. : Spessore dello strato;
Peso : Peso dell'unità di volume dello strato;
Peso eff. : Peso dell'unità di volume efficace dello strato;
NSPT : Numero di colpi medio misurato nello strato;
Qc : Resistenza alla punta media misurata nello strato;
ϕ : Angolo di attrito del terreno;
C : Coesione drenata del terreno;
Cu : Coesione non drenata del terreno;
E : Modulo elastico del terreno;
G : Modulo di taglio del terreno;
ν_t : Coefficiente di Poisson;
E_{ed} : Modulo Edometrico;
OCR : Grado di sovraconsolidazione del terreno.

Colonna	Strato	Spess. [cm]	Peso [daN/m³]	Peso eff. [daN/m³]	NSPT	Qc [daN/cm²]	ϕ [°]	C [daN/cm²]	Cu [daN/cm²]	E [daN/cm²]	G [daN/cm²]	ν_t	E_{ed} [daN/cm²]	OCR
Colonna 1	Sabbia con limo debo	2800.0	1831.0	800.0	20	15.00	30.0	0.00	0.00	345.00	495.16	0.35	71.00	1.00

- **Sezioni Geologiche:**



- **Caratterizzazione sismica del suolo di fondazione:**

La categoria assunta per il suolo di fondazione per il sito in oggetto è: B

7.3 Relazione sulle fondazioni *(D.M. 17/01/2018)*

Scelta del tipo di fondazioni.

In funzione dei risultati ottenuti dalla campagna di indagini eseguite e della tipologia strutturale adottata per i lavori in oggetto, si è proceduto alla scelta delle tipologie di fondazione superficiali per distribuire i carichi trasmessi dalla sovrastruttura al terreno di fondazione ripartendoli il più possibile in modo uniforme sul suolo di sedime delle fondazioni stesse. La scelta della profondità del piano di posa ha permesso il superamento del suolo vegetale, della zona soggetta a gelo-disgelo e variazioni stagionali di umidità. La profondità del piano di posa delle fondazioni risulta tale da prevenire fenomeni di erosione o scalzamento.

Le dimensioni strutturali delle opere di fondazione, le tipologie usate e la loro ubicazione risultano descritte nella prima parte della presente relazione e vengono meglio evidenziate negli elaborati grafici allegati.

Le verifiche di sicurezza relative agli stati limite ultimi (SLU) ed agli stati limite d'esercizio (SLE) indagati risultano tali da non limitare l'uso della costruzione, la sua efficienza, la durabilità della struttura garantendo un grado di sicurezza ed un livello di prestazioni nel rispetto della normativa vigente in materia.

Ipotesi assunte ed analisi dei risultati nei riguardi del complesso terreno-opera di fondazione.

Tutte le analisi presentate si riferiscono studio del sottosuolo semplificando la situazione reale con criteri cautelativi, analizzando diverse possibili schematizzazioni ed adottando i risultati meno favorevoli mediante coefficienti parziali per i parametri geotecnici del terreno, coefficienti parziali per le azioni o per l'effetto delle azioni e coefficienti parziali di sicurezza da applicare alle resistenze caratteristiche.

Le analisi delle elaborazioni eseguite permette di evidenziare i seguenti livelli di sicurezza:

Riassunto risultati verifiche:

ELEMENTO	Tipo verifica	S Min	S Max
Travi di fondazione	Capacità portante SLU-SLV	1.46	5.48
	Capacità portante SLD	1.56	6.88
	Cedim. Diff. SLE Q. Perm.	7.22	-
Platee di fondazione	Capacità Portante SLU-SLV	4.24	4.24
	Capacità Portante SLD	3.51	3.51
	Cedim. Diff. SLE Q. Perm.	7.22	-

La caratterizzazione geologica da un lato, le caratteristiche dimensionali, strutturali e le configurazioni di carico dall'altro, hanno reso possibile effettuare valutazioni che hanno conto del comportamento complessivo delle strutture e delle interazioni terreno–fondazione.
Si rimanda alla Relazione Geologica-Tecnica redatta dal Dott. Geologo per prendere visione di ogni altra informazione relativa alla stratigrafia che caratterizza il suolo di fondazione.
I coefficienti di sicurezza per tutte le verifiche di resistenza eseguite sulle strutture di fondazione, sono riportate nella Relazione di Calcolo allegata.
Dalle verifiche eseguite su tutti gli elementi di fondazione risultano livelli di sicurezza accettabili e pertanto i lavori in oggetto si valutano realizzabili.
Per quanto sopra esposto, a seguito delle analisi geomorfologiche e dalle verifiche geotecniche svolte l'intervento in oggetto, nel rispetto delle disposizioni progettuali individuate, si ritiene perfettamente compatibile con le caratteristiche del sottosuolo ed attuabile nel rispetto delle Norme vigenti e delle esigenze della Committenza.
Si prescrive che in corso d'opera si debba riscontrare la rispondenza della caratterizzazione geotecnica assunta in progetto e la situazione reale e che la sistemazione esterna dovrà evitare infiltrazioni di acqua tale da variare le caratteristiche geotecniche del terreno di fondazione.

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