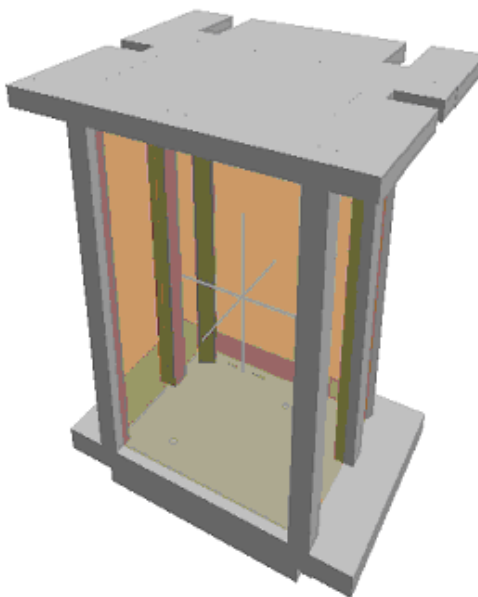


PROVINCIA : POTENZA

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



**Oggetto: Portale d'ingresso Chiesa di San Bartolomeo  
in località Piazzolla del Comune di Paterno (PZ).**

Committente:	Progettista:	Progettista Strutturale:	Direttore dei Lavori:
Parrrocchia S.Giovanni Evangelista	Geom. Giuseppe SANGIORGIO	Ing. Nicola DI GRAZIA	Ing. Nicola DI GRAZIA

# 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	: PATERNO
PROVINCIA	: POTENZA
Oggetto	: Portale d'ingresso Chiesa di San Bartolomeo in località Piazzolla Del Comune di Paterno (PZ).
Committente	: Parrocchia S.Giovanni Evangel
Indirizzo	:
Città	: PATERNO
PROVINCIA	: POTENZA
Telefono	:
Progettista	: geom. Giuseppe SANGIORGIO
Indirizzo	: contrada Raia Carbone
Città	: PATERNO
PROVINCIA	: POTENZA
Telefono	:
Progettista Strutturale	: Ing. Nicola DI GRAZIA
Indirizzo	:
Città	: MARSICONUOVO
PROVINCIA	: POTENZA
Telefono	:
Direttore dei Lavori	: Ing. Nicola DI GRAZIA
Indirizzo	:
Città	: MARSICONUOVO
PROVINCIA	: POTENZA
Telefono	:
Nome File	: portale

## 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/m <sup>2</sup>
- peso specifico	: daN/m <sup>3</sup>
- tensioni e resistenze	: daN/m <sup>2</sup>
- temperatura	: °C

I simboli adottati hanno il seguente significato:

q	: fattore di comportamento ;
R <sub>ck</sub>	: Resistenza caratteristica cubica a compressione del calcestruzzo;
f <sub>ck</sub>	: Resistenza caratteristica cilindrica a compressione del calcestruzzo;
E <sub>c</sub>	: Modulo elastico secante del calcestruzzo;
E <sub>ct</sub>	: Modulo elastico a trazione del calcestruzzo
f <sub>cd</sub>	: Resistenza di calcolo del calcestruzzo;
f <sub>ctk,0.05</sub>	: Resistenza caratteristica a trazione;
ν	: Coefficiente di Poisson;
α <sub>t</sub>	: Coefficiente di dilatazione termica;
ps	: peso specifico;
f <sub>yk</sub>	: Resistenza caratteristica di snervamento dell'acciaio;
f <sub>tk</sub>	: Resistenza caratteristica di rottura dell'acciaio;
f <sub>d</sub>	: resistenza di calcolo dell'acciaio;
A	: Superficie della sezione trasversale;
J <sub>x</sub>	: Momento di inerzia rispetto all'asse X;

$J_y$	: Momento di inerzia rispetto all'asse Y;
$J_{xy}$	: Momento di inerzia centrifugo rispetto agli assi X ed Y;
$J_t$	: 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;
$\Gamma_x$	: Fattore di partecipazione del modo i-esimo in direzione x;
$\Gamma_y$	: Fattore di partecipazione del modo i-esimo in direzione y;
$\Gamma_z$	: 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;
$M_{ts}$	: 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;
$M_{tR}$	: Momento Torcente resistente di calcolo;
$V_{RdXZ}$	: Taglio X-Z resistente di calcolo;
$V_{RdXY}$	: Taglio X-Y resistente di calcolo;
$\sigma_c$	: Tensioni del calcestruzzo;
$\sigma_s$	: 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 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 assegnare 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:

Imp. Reale	Torsioni Accidentali	
	$e_x$ [cm]	$e_y$ [cm]
1	23.0	14.5

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	86	109	916017326	170.0	150.7	170.1	149.5

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:

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

dove:  $[K]$  = matrice di rigidezza globale  
 $[M]$  = matrice delle masse globale  
 $\{a\}$  = autovettori (forme modali)  
 $\omega^2$  = 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:

$$\Gamma_i = \phi_i^T [M] d$$

dove:  $\phi_i$  = autovettori normalizzati relativi al modo i-esimo  
 $d$  = 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:

$$u = \phi_i \Gamma_i S_d(T_i) / \omega_i^2$$

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

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

$$E = \sqrt{(\sum_i \sum_j \rho_{ij} E_i E_j)}$$

dove:  $\rho_{ij}$  =  $(8\xi^2 (1 + \beta_{ij}) \beta_{ij}^{3/2}) / ((1 - \beta_{ij}^2)^2 + 4\xi^2 \beta_{ij} (1 + \beta_{ij}^2) + 8\xi^2 \beta_{ij}^2)$  coefficiente di correlazione tra il modo i-esimo ed il modo j-esimo;  
 $\xi$  = coefficiente di smorzamento viscoso;  
 $\beta_{ij}$  = 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**

Modo	Direzione X			Direzione Y		
	f [Hz]	T [s]	$\Delta x$ %	f [Hz]	T [s]	$\Delta y$ %
1	3.378	0.296	40.0	18.085	0.055	58.4
2	18.252	0.055	31.9	3.623	0.276	40.3
3	17.840	0.056	23.7	-	-	-
	Totale $\Delta x$ ( $\geq 85\%$ )		95.6	Totale $\Delta y$ ( $\geq 85\%$ )		98.7

## SLD-SLO

Modo	Direzione X			Direzione Y		
	f [Hz]	T [s]	$\Delta x$ %	f [Hz]	T [s]	$\Delta y$ %
1	18.037	0.055	44.4	18.108	0.055	57.6
2	4.365	0.229	41.8	4.431	0.226	41.5
	Totale $\Delta x$ ( $\geq 85\%$ )		86.2	Totale $\Delta y$ ( $\geq 85\%$ )		99.1

## 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
$\Delta t$	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

## 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		
		$\Psi_{0i}$	$\Psi_{1i}$	$\Psi_{2i}$	$\Psi_{0i}$	$\Psi_{1i}$	$\Psi_{2i}$
fondazione piano 1	Categoria A: Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
	Categoria H: Coperture	0.0	0.0	0.0	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		
		$\Psi_{0i}$	$\Psi_{1i}$	$\Psi_{2i}$	$\Psi_{0i}$	$\Psi_{1i}$	$\Psi_{2i}$
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*	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	0	0	0	0	0	0
2*	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$\Psi 0 \gamma Q_{ns}$	0	0	0	0	0
3*	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$-\Psi 0 \gamma Q_{ns}$	0	0	0	0	0
4*	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 0 \gamma Q_{ns}$	$\gamma Q_{ns}$	0	0	0	0	0
5*	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 0 \gamma Q_{ns}$	$-\gamma Q_{ns}$	0	0	0	0	0
6	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	1	0.30	0
7	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	1	0.30	0
8	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	1	-0.30	0
9	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	1	-0.30	0
10	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	-1	0.30	0
11	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	-1	0.30	0
12	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	-1	-0.30	0
13	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	-1	-0.30	0
14	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	0.30	1	0
15	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	0.30	1	0
16	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	-0.30	1	0
17	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	-0.30	1	0
18	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	0.30	-1	0
19	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	0.30	-1	0
20	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	-0.30	-1	0
21	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	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
1*	0.00	0.00	0.00	0.00	0.00
2*	0.00	0.00	0.00	0.00	0.00
3*	0.00	0.00	0.00	0.00	0.00
4*	0.00	0.00	0.00	0.00	0.00
5*	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00
U1	0.90	0.00	0.00	0.00	0.75
U2	0.90	0.00	0.00	0.00	1.50
U3	1.50	0.00	0.00	0.00	0.75

U4	0.00	0.90	0.00	0.00	0.75
U5	0.00	0.90	0.00	0.00	1.50
U6	0.00	1.50	0.00	0.00	0.75
U7	0.00	0.00	0.90	0.00	0.75
U8	0.00	0.00	0.90	0.00	1.50
U9	0.00	0.00	1.50	0.00	0.75
U10	0.00	0.00	0.00	0.90	0.75
U11	0.00	0.00	0.00	0.90	1.50
U12	0.00	0.00	0.00	1.50	0.75
U13	0.00	0.00	0.00	0.00	0.75
U14	0.00	0.00	0.00	0.00	1.50

\*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*	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	0	0	0	0	0	0
2*	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$\Psi 0 \gamma_{Qns}$	0	0	0	0	0
3*	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$-\Psi 0 \gamma_{Qns}$	0	0	0	0	0
4*	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi 0 \gamma_{Qns}$	$\gamma_{Qns}$	0	0	0	0	0
5*	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi 0 \gamma_{Qns}$	$-\gamma_{Qns}$	0	0	0	0	0
6	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	1	0.30	0
7	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	1	0.30	0
8	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	1	-0.30	0
9	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	1	-0.30	0
10	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	-1	0.30	0
11	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	-1	0.30	0
12	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	-1	-0.30	0
13	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	-1	-0.30	0
14	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	0.30	1	0
15	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	0.30	1	0
16	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	-0.30	1	0
17	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	-0.30	1	0
18	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	0.30	-1	0
19	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	0.30	-1	0
20	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	-0.30	-1	0
21	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	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
1*	0.00	0.00	0.00	0.00	0.00
2*	0.00	0.00	0.00	0.00	0.00
3*	0.00	0.00	0.00	0.00	0.00
4*	0.00	0.00	0.00	0.00	0.00
5*	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00

15	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00
U1	0.90	0.00	0.00	0.00	0.75
U2	0.90	0.00	0.00	0.00	1.50
U3	1.50	0.00	0.00	0.00	0.75
U4	0.00	0.90	0.00	0.00	0.75
U5	0.00	0.90	0.00	0.00	1.50
U6	0.00	1.50	0.00	0.00	0.75
U7	0.00	0.00	0.90	0.00	0.75
U8	0.00	0.00	0.90	0.00	1.50
U9	0.00	0.00	1.50	0.00	0.75
U10	0.00	0.00	0.00	0.90	0.75
U11	0.00	0.00	0.00	0.90	1.50
U12	0.00	0.00	0.00	1.50	0.75
U13	0.00	0.00	0.00	0.00	0.75
U14	0.00	0.00	0.00	0.00	1.50

\*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. 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	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	0	0	0	0	0	0
2	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$\Psi 0 \gamma Q_{ns}$	0	0	0	0	0
3	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$-\Psi 0 \gamma Q_{ns}$	0	0	0	0	0
4	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 0 \gamma Q_{ns}$	$\gamma Q_{ns}$	0	0	0	0	0
5	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 0 \gamma Q_{ns}$	$-\gamma Q_{ns}$	0	0	0	0	0
6	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	1	0.30	0
7	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	1	0.30	0
8	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	1	-0.30	0
9	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	1	-0.30	0
10	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	-1	0.30	0
11	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	-1	0.30	0
12	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	1	0	-1	-0.30	0
13	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	-1	0	-1	-0.30	0
14	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	0.30	1	0
15	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	0.30	1	0
16	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	-0.30	1	0
17	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	-0.30	1	0
18	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	0.30	-1	0
19	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	0.30	-1	0
20	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	1	-0.30	-1	0
21	$\gamma G_s$	$\gamma G_{2s}$	$\Psi 2 \gamma Q_s$	0	0	-1	-0.30	-1	0

Comb.	Condizione				
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00

12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00

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	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	0	0	0	0	0	0
2	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$\Psi 0 \gamma_{Qns}$	0	0	0	0	0
3	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$-\Psi 0 \gamma_{Qns}$	0	0	0	0	0
4	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi 0 \gamma_{Qns}$	$\gamma_{Qns}$	0	0	0	0	0
5	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi 0 \gamma_{Qns}$	$-\gamma_{Qns}$	0	0	0	0	0
6	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	1	0.30	0
7	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	1	0.30	0
8	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	1	-0.30	0
9	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	1	-0.30	0
10	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	-1	0.30	0
11	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	-1	0.30	0
12	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	1	0	-1	-0.30	0
13	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	-1	0	-1	-0.30	0
14	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	0.30	1	0
15	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	0.30	1	0
16	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	-0.30	1	0
17	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	-0.30	1	0
18	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	0.30	-1	0
19	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	0.30	-1	0
20	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	1	-0.30	-1	0
21	$\gamma_{Gs}$	$\gamma_{G2s}$	$\Psi 2 \gamma_{Qs}$	0	0	-1	-0.30	-1	0

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

I coefficienti utilizzati assumono i seguenti valori:

ELEMENTO	SLV						SLD					
	$\gamma_{G1ns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$\gamma_{G1s}$	$\gamma_{G2s}$	$\gamma_{Qs}$	$\gamma_{G1ns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$\gamma_{G1s}$	$\gamma_{G2s}$	$\gamma_{Qs}$
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
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

**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:

Comb.	Elementi della Struttura			
	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$\Psi_0\gamma_{Qns}$
2	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\gamma_{Qns}$	$-\Psi_0\gamma_{Qns}$
3	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi_0\gamma_{Qns}$	$\gamma_{Qns}$
4	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi_0\gamma_{Qns}$	$-\gamma_{Qns}$
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
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
U1	0.60	0.00	0.00	0.00	0.50
U2	0.60	0.00	0.00	0.00	0.50
U3	1.00	0.00	0.00	0.00	0.50
U4	0.60	0.00	0.00	0.00	1.00
U5	0.00	0.60	0.00	0.00	0.50
U6	0.00	0.60	0.00	0.00	0.50
U7	0.00	1.00	0.00	0.00	0.50
U8	0.00	0.60	0.00	0.00	1.00
U9	0.00	0.00	0.60	0.00	0.50

U10	0.00	0.00	0.60	0.00	0.50
U11	0.00	0.00	1.00	0.00	0.50
U12	0.00	0.00	0.60	0.00	1.00
U13	0.00	0.00	0.00	0.60	0.50
U14	0.00	0.00	0.00	0.60	0.50
U15	0.00	0.00	0.00	1.00	0.50
U16	0.00	0.00	0.00	0.60	1.00
U17	0.60	0.00	0.00	0.00	0.50
U18	0.60	0.00	0.00	0.00	0.50
U19	1.00	0.00	0.00	0.00	0.50
U20	0.60	0.00	0.00	0.00	1.00
U21	0.00	0.60	0.00	0.00	0.50
U22	0.00	0.60	0.00	0.00	0.50
U23	0.00	1.00	0.00	0.00	0.50
U24	0.00	0.60	0.00	0.00	1.00
U25	0.00	0.00	0.60	0.00	0.50
U26	0.00	0.00	0.60	0.00	0.50
U27	0.00	0.00	1.00	0.00	0.50
U28	0.00	0.00	0.60	0.00	1.00
U29	0.00	0.00	0.00	0.60	0.50
U30	0.00	0.00	0.00	0.60	0.50
U31	0.00	0.00	0.00	1.00	0.50
U32	0.00	0.00	0.00	0.60	1.00
U33	0.00	0.00	0.00	0.00	0.50
U34	0.00	0.00	0.00	0.00	0.50
U35	0.00	0.00	0.00	0.00	1.00
U36	0.00	0.00	0.00	0.00	0.50
U37	0.00	0.00	0.00	0.00	0.50
U38	0.00	0.00	0.00	0.00	1.00

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma Q_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$\Psi 0 \gamma Q_{ns}$
2	$\gamma Q_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$-\Psi 0 \gamma Q_{ns}$
3	$\gamma Q_{ns}$	$\gamma G_{2ns}$	$\Psi 0 \gamma Q_{ns}$	$\gamma Q_{ns}$
4	$\gamma Q_{ns}$	$\gamma G_{2ns}$	$\Psi 0 \gamma Q_{ns}$	$-\gamma Q_{ns}$
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

<b>U35</b>	1.00	1.00	0.70	0.60
<b>U36</b>	1.00	1.00	1.00	-0.60
<b>U37</b>	1.00	1.00	0.70	-1.00
<b>U38</b>	1.00	1.00	0.70	-0.60

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

Elementi di fondazione A2				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
<b>1</b>	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$\Psi_0 \gamma Q_{ns}$
<b>2</b>	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\gamma Q_{ns}$	$-\Psi_0 \gamma Q_{ns}$
<b>3</b>	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi_0 \gamma Q_{ns}$	$\gamma Q_{ns}$
<b>4</b>	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi_0 \gamma Q_{ns}$	$-\gamma Q_{ns}$
<b>U1</b>	1.00	1.00	1.00	0.60
<b>U2</b>	1.00	1.00	0.70	1.00
<b>U3</b>	1.00	1.00	0.70	0.60
<b>U4</b>	1.00	1.00	0.70	0.60
<b>U5</b>	1.00	1.00	1.00	0.60
<b>U6</b>	1.00	1.00	0.70	1.00
<b>U7</b>	1.00	1.00	0.70	0.60
<b>U8</b>	1.00	1.00	0.70	0.60
<b>U9</b>	1.00	1.00	1.00	0.60
<b>U10</b>	1.00	1.00	0.70	1.00
<b>U11</b>	1.00	1.00	0.70	0.60
<b>U12</b>	1.00	1.00	0.70	0.60
<b>U13</b>	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
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
U1	0.60	0.00	0.00	0.00	0.50
U2	0.60	0.00	0.00	0.00	0.50
U3	1.00	0.00	0.00	0.00	0.50
U4	0.60	0.00	0.00	0.00	1.00
U5	0.00	0.60	0.00	0.00	0.50
U6	0.00	0.60	0.00	0.00	0.50
U7	0.00	1.00	0.00	0.00	0.50
U8	0.00	0.60	0.00	0.00	1.00
U9	0.00	0.00	0.60	0.00	0.50
U10	0.00	0.00	0.60	0.00	0.50
U11	0.00	0.00	1.00	0.00	0.50
U12	0.00	0.00	0.60	0.00	1.00
U13	0.00	0.00	0.00	0.60	0.50
U14	0.00	0.00	0.00	0.60	0.50
U15	0.00	0.00	0.00	1.00	0.50
U16	0.00	0.00	0.00	0.60	1.00
U17	0.60	0.00	0.00	0.00	0.50
U18	0.60	0.00	0.00	0.00	0.50
U19	1.00	0.00	0.00	0.00	0.50
U20	0.60	0.00	0.00	0.00	1.00
U21	0.00	0.60	0.00	0.00	0.50
U22	0.00	0.60	0.00	0.00	0.50
U23	0.00	1.00	0.00	0.00	0.50
U24	0.00	0.60	0.00	0.00	1.00
U25	0.00	0.00	0.60	0.00	0.50
U26	0.00	0.00	0.60	0.00	0.50
U27	0.00	0.00	1.00	0.00	0.50
U28	0.00	0.00	0.60	0.00	1.00
U29	0.00	0.00	0.00	0.60	0.50
U30	0.00	0.00	0.00	0.60	0.50
U31	0.00	0.00	0.00	1.00	0.50
U32	0.00	0.00	0.00	0.60	1.00
U33	0.00	0.00	0.00	0.00	0.50
U34	0.00	0.00	0.00	0.00	0.50
U35	0.00	0.00	0.00	0.00	1.00
U36	0.00	0.00	0.00	0.00	0.50
U37	0.00	0.00	0.00	0.00	0.50
U38	0.00	0.00	0.00	0.00	1.00



## Combinazioni Frequenti:

Elementi della Struttura				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi1\gamma_{Qns}$	$\Psi2\gamma_{Qns}$
2	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi1\gamma_{Qns}$	$-\Psi2\gamma_{Qns}$
3	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi2\gamma_{Qns}$	$\Psi1\gamma_{Qns}$
4	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi2\gamma_{Qns}$	$-\Psi1\gamma_{Qns}$
U1	1.00	1.00	0.30	0.00
U2	1.00	1.00	0.30	0.00
U3	1.00	1.00	0.30	0.00
U4	1.00	1.00	0.30	0.00
U5	1.00	1.00	0.30	0.00
U6	1.00	1.00	0.30	0.00

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

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi1\gamma_{Qns}$	$\Psi2\gamma_{Qns}$
2	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi1\gamma_{Qns}$	$-\Psi2\gamma_{Qns}$
3	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi2\gamma_{Qns}$	$\Psi1\gamma_{Qns}$
4	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi2\gamma_{Qns}$	$-\Psi1\gamma_{Qns}$
U1	1.00	1.00	0.30	0.00
U2	1.00	1.00	0.30	0.00
U3	1.00	1.00	0.30	0.00
U4	1.00	1.00	0.30	0.00
U5	1.00	1.00	0.30	0.00
U6	1.00	1.00	0.30	0.00

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

Elementi di fondazione A2				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi1\gamma_{Qns}$	$\Psi2\gamma_{Qns}$
2	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi1\gamma_{Qns}$	$-\Psi2\gamma_{Qns}$
3	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi2\gamma_{Qns}$	$\Psi1\gamma_{Qns}$
4	$\gamma_{Gns}$	$\gamma_{G2ns}$	$\Psi2\gamma_{Qns}$	$-\Psi1\gamma_{Qns}$
U1	1.00	1.00	0.30	0.00
U2	1.00	1.00	0.30	0.00

U3	1.00	1.00	0.30	0.00
U4	1.00	1.00	0.30	0.00
U5	1.00	1.00	0.30	0.00
U6	1.00	1.00	0.30	0.00

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

Combinazioni quasi permanenti :

Elementi della Struttura				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 2 \gamma Q_{ns}$	$\Psi 2 \gamma Q_{ns}$
2	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 2 \gamma Q_{ns}$	$-\Psi 2 \gamma Q_{ns}$

Comb.	Condizione				
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 2 \gamma Q_{ns}$	$\Psi 2 \gamma Q_{ns}$
2	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 2 \gamma Q_{ns}$	$-\Psi 2 \gamma Q_{ns}$

Comb.	Condizione				
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00

Elementi di fondazione A2				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 2 \gamma Q_{ns}$	$\Psi 2 \gamma Q_{ns}$
2	$\gamma G_{ns}$	$\gamma G_{2ns}$	$\Psi 2 \gamma Q_{ns}$	$-\Psi 2 \gamma Q_{ns}$

Comb.	Condizione				
	Vento (+X)	Vento (-X)	Vento (+Y)	Vento (-Y)	Neve
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00

I coefficienti utilizzati assumono i seguenti valori:

SLE	Caratteristiche										Q. Permanenti				
ELEMENTO	$\gamma G_{ns}$	$\gamma Q_{ns}$	$\gamma I$	$\gamma EG$	$\gamma EQ$	$\gamma G_{ns}$	$\gamma Q_{ns}$	$\gamma I$	$\gamma EG$	$\gamma EQ$	$\gamma G_{ns}$	$\gamma Q_{ns}$	$\gamma I$	$\gamma EG$	$\gamma EQ$
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'involuppo.

## 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:

- Pilastrì

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

- PressoTensioFlessione Deviata
- Taglio
- Stabilità
- Stato tensionale

- Travi

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

- PressoTensioFlessione
- Taglio
- Deformabilità
- Stato tensionale
- Fessurazione

- Travi di fondazione

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

- PressoTensioFlessione
- Taglio
- Stato tensionale
- Fessurazione

Le singole verifiche vengono descritte qui di seguito:

- PressoTensioFlessione Deviata

Le sollecitazioni che vengono considerate in tale verifica sono: Sforzo Normale, Momento Flettente X-Z, Momento Flettente X-Y.

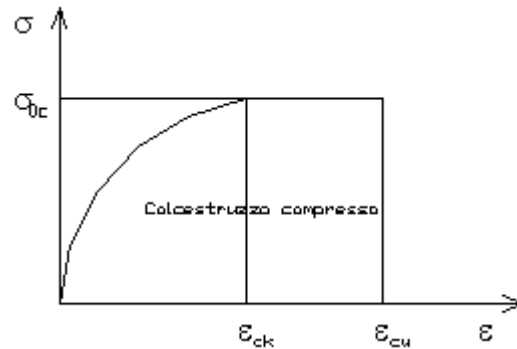
La verifica di resistenza è soddisfatta se la sollecitazione determinata dalla condizione considerata cade all'interno del dominio di sicurezza determinato, attraverso la conoscenza:

- 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:



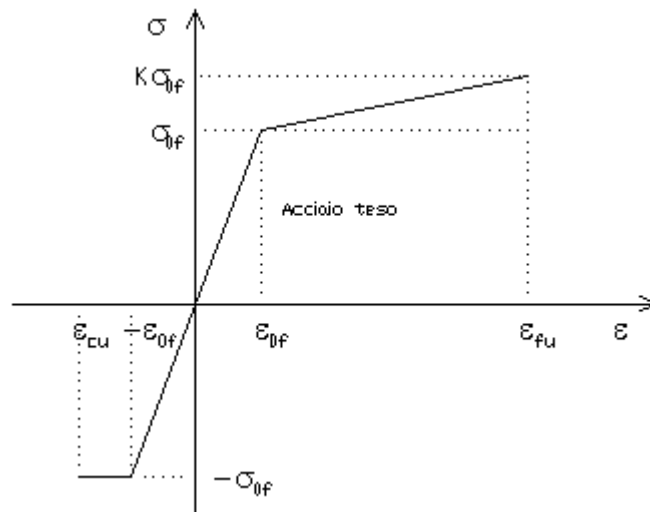
dove:  $\varepsilon_{ck} = 0.002$ ;  
 $\varepsilon_{cu} = 0.0035$ ;  
 $\sigma_{0c} = 0.85 \cdot 0.83 \cdot R_{ck} / \gamma_c$ ;  
 $R_{ck}$  = resistenza caratteristica del calcestruzzo;  
 $\gamma_{m,c}$  = coefficiente di materiale del calcestruzzo;

Le equazioni che descrivono il diagramma sono:

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

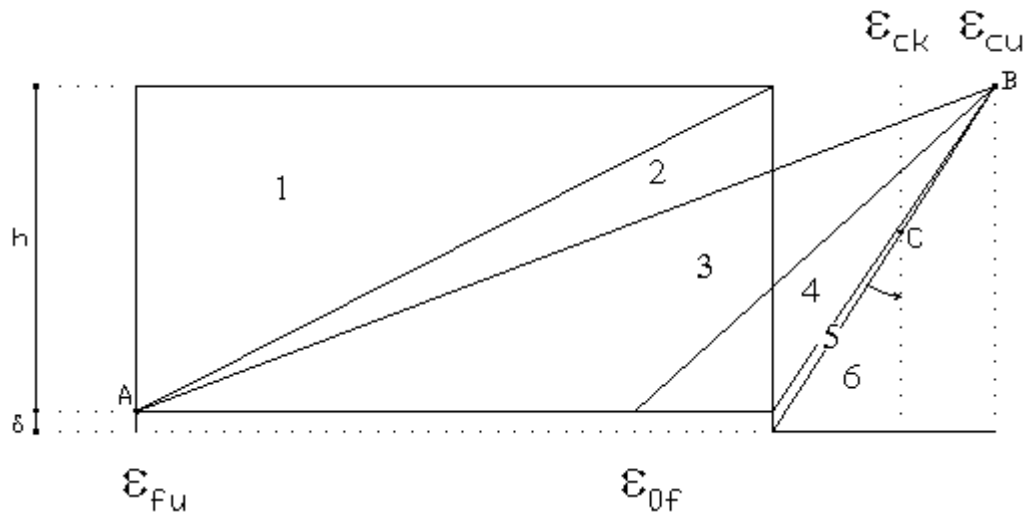
$$\varepsilon_{ck} < \varepsilon < \varepsilon_{cu} : s(\sigma) = \sigma_{0c};$$

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



dove:  $\varepsilon_{0f} = \sigma_{0f} / E$ ;  
 $E$  = Modulo di elasticità dell'acciaio;  
 $\sigma_{0f}$  = resistenza di calcolo dell'acciaio;  
 $k$  = rapporto di sovrarresistenza (se è pari a 1 il comportamento è bilineare elastico-perfettamente plastico);  
 $f_{yk}$  = Resistenza caratteristica dell'acciaio;  
 $\gamma_m$  = coefficiente di sicurezza dell'acciaio;  
 $\varepsilon_{fu}$  = deformazione ultima dell'acciaio;  
 $\varepsilon_{cu}$  = 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 a  $\epsilon_{fu}$ . 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  $-\infty$  a 0. È 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  $\epsilon_{fu}$  e dalla rotazione del diagramma attorno al punto (A). La deformazione specifica del calcestruzzo varia da 0 al valore massimo del calcestruzzo compresso ( $\epsilon_{cu}$ ) 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  $\epsilon_{cu}$ . 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  $\epsilon_{cu}$ . 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  $\epsilon_{cu}$ . 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  $\epsilon_{cu}$  e  $\epsilon_{ck}$ . Le rette di deformazione specifica appartengono ad un fascio passante per (C) e la distanza dell'asse neutro varia fra 0 e  $-\infty$ . 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;
- $V_{Rsd} = 0.9 d (A_{SW} / s) f_{yd} (\text{ctg}\alpha + \text{ctg}\theta) \sin\alpha$ ;
- $V_{Rcd} = 0.9 d b_w \alpha_c f'_{cd} (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$ ;
- $d$  : 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,  $\mu^*, pl$ .

La formula utilizzata, contenuta sia nella Circolare 7/2019 sia nell'EC8 - Parte 3, è la seguente:

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

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 ( $|M_{02}| \geq |M_{01}|$ ).

La snellezza della colonna da confrontare con  $\lambda_{lim}$  è pari a:

$$\lambda = \lambda_0 / i$$

$\lambda_0$  è la lunghezza libera d'inflessione definita in base ai vincoli di estremità ed  $i$  il raggio d'inerzia della 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  $e_2 := 0.222 e_{fy} l_0^2/h$ .

#### - 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/mm<sup>2</sup>;
- $A_{ct}$  : area del calcestruzzo in zona tesa subito prima della fessurazione;
- $\sigma_s$  : 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:

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

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

La quantità  $\epsilon_{sm}$  si ottiene dalla seguente espressione:

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

dove:

- $\sigma_s$  : tensione dell'acciaio teso calcolata a sezione fessurata;
- $E_s$  : modulo elastico dell'acciaio;
- $\sigma_{sr}$  : tensione dell'acciaio teso calcolata nella sezione per una condizione di carico che induce alla prima fessurazione;
- $\beta_1$  : coefficiente di aderenza delle barre. Assume valore 0.5 per barre lisce e 1 per barre ad aderenza migliorata;
- $\beta_2$  : 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:

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

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;
- $\phi$  : 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  $\zeta$  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  $x_i$ . La freccia relativa alla sezione  $x_j$  è pari a:

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

dove:

$\varphi_A$  : rotazione dell'estremo iniziale dell'elemento;  
 $l$  : lunghezza dell'elemento;  
 $\Delta x$  : lunghezza del concio;  
 $\theta_i$  : 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 cerniere plastiche nella trave e prodotte dai momenti resistenti delle due sezioni di plasticizzazione (generalmente quelle di estremità) amplificati del fattore di sovrarresistenza.

Il fattore di sovrarresistenza ( $\gamma_{Rd}$ ) 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 sovrarresistenza, in accordo con la formula:

$$\sum M_{C,Rd} \geq \gamma_{Rd} \sum M_{b,Rd}$$

dove:

$\gamma_{Rd} = 1.30$  per le strutture in CD"A";

$\gamma_{Rd} = 1.30$  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:

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

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 indicazioni del punto 7.2.5. In particolare viene applicato un fattore di sovrarresistenza rispetto alle azioni sollecitanti trasferite dagli elementi soprastanti, 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 irregolare 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 sovrarresistenza utilizzati nel presente calcolo sono:

Impalcato	Fatt. Sovr.
1	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

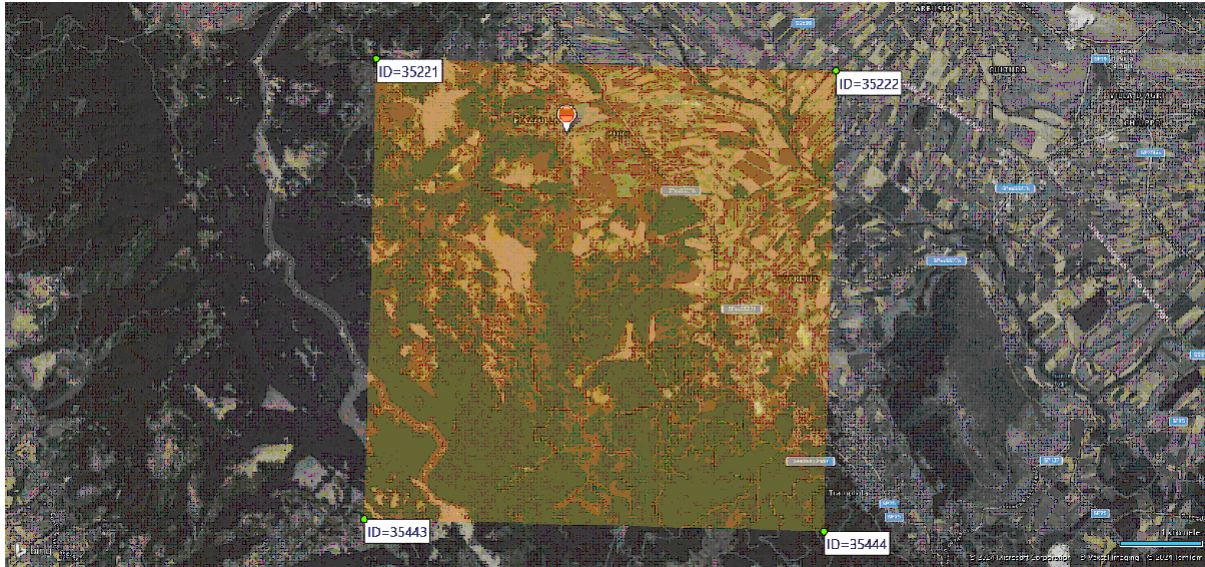
### 3.1 Dati Generali

Numero Impalcati : 1  
 Numero delle tipologie di sezioni trasversali usate : 5  
 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	6

piano 1	0.00	430.00	430.00	430.00	6	12
---------	------	--------	--------	--------	---	----

Coordinate (Datum WGS84) del sito : Latitudine = 40.3535° - Longitudine = 15.7469°  
 Coordinate (Datum ED50) del sito : Latitudine = 40.3545° - Longitudine = 15.7477°

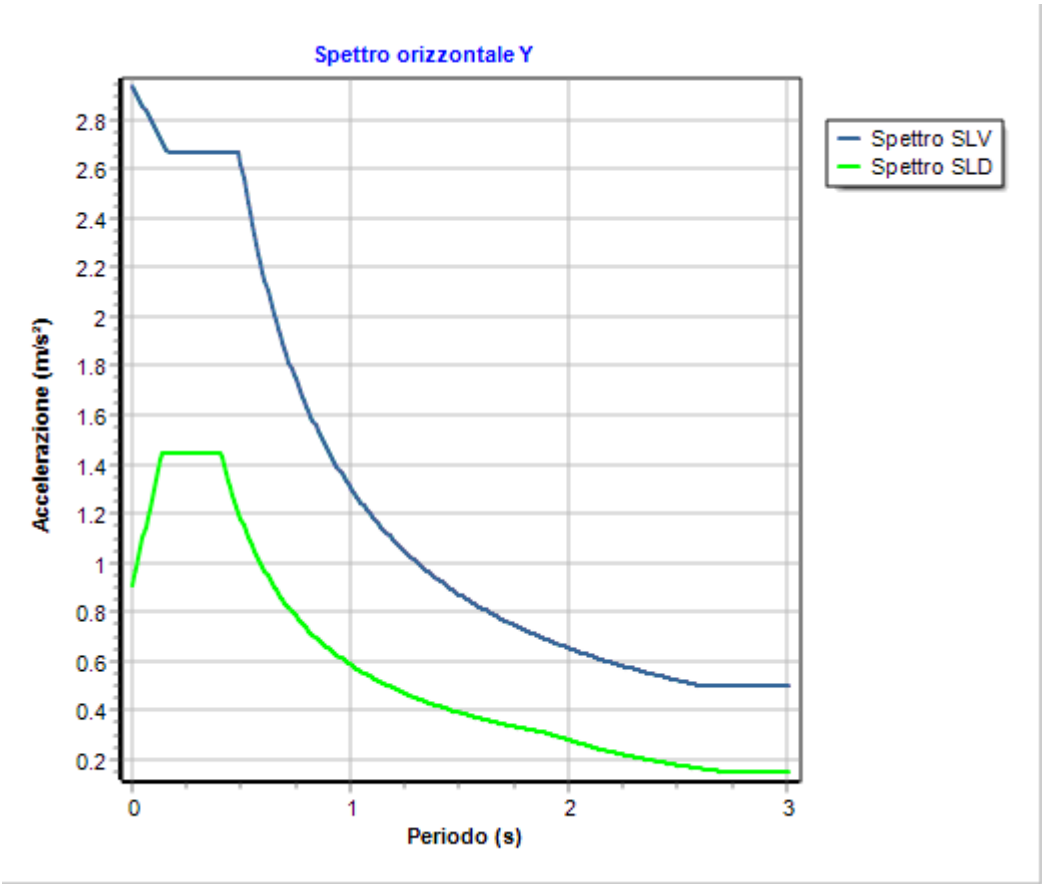
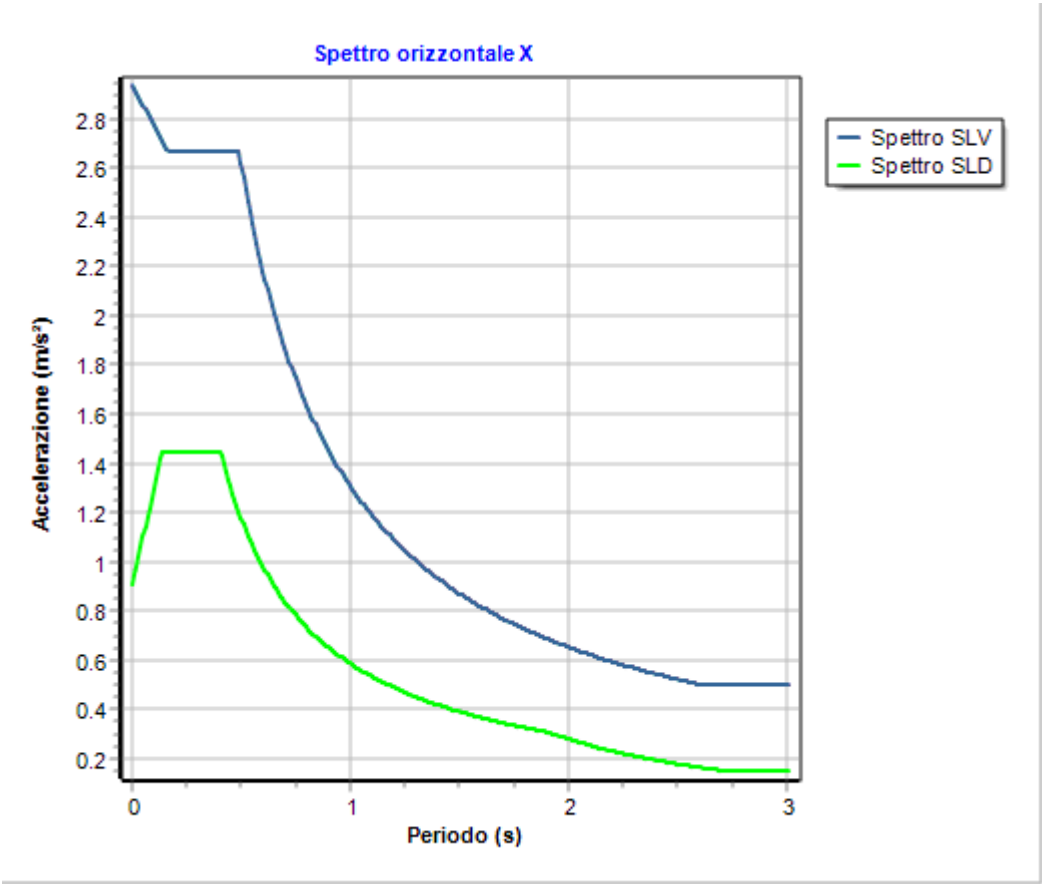


Identificativi e coordinate (Datum ED50) dei punti che includono il sito		
Numero punto	Latitudine [°]	Longitudine [°]
35221	40.3629	15.7205
35222	40.3616	15.7861
35443	40.3129	15.7188
35444	40.3116	15.7844

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

	Parametri dello spettro di risposta orizzontale							
	SLV		SLC		SLD		SLO	
Tempo di ritorno	475		975		50		30	
Accelerazione sismica	0.257		0.349		0.077		0.057	
Coefficiente Fo	2.290		2.345		2.388		2.412	
Periodo T <sub>c</sub> *	0.364		0.390		0.289		0.276	
Coefficiente S <sub>s</sub>	1.16		1.07		1.20		1.20	
Coefficiente di amplificazione topografica St	1.00		1.00		1.00		1.00	
Prodotto S <sub>s</sub> · St	1.16		1.07		1.20		1.20	
Periodo T <sub>B</sub>	0.16		0.17		0.14		0.13	
Periodo T <sub>C</sub>	0.49		0.52		0.41		0.39	
Periodo T <sub>D</sub>	2.63		3.00		1.91		1.83	
Coefficiente η	x	y	x	y	x	y	x	y
	0.397	0.397	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)

: 2.52

FaTA e-version - Vers 36.0.3

Fattore di comportamento direzione y (qy)	: 2.52
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	: 10
Modulo di omogeneizzazione (per SLE)	: 15
Classe di servizio per le strutture in legno	: 2
Coeff. di riduzione per rigidità fessurata:	
SLV-SLC	
Pilastr	
Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale
Travi	
Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale
Pareti	
Nel Piano	: 1.00
Fuori Piano	: 1.00
Platee	
Nel Piano	: 1.00
Fuori Piano	: 1.00
SLD-SLO	
Pilastr	
Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale
Travi	
Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale
Pareti	
Nel Piano	: 1.00
Fuori Piano	: 1.00
Platee	
Nel Piano	: 1.00
Fuori Piano	: 1.00
Delta termico	
Slv	: 0.50
Sle	: 0.75
Copriferro Travi di Fondazione	: 3.00 cm
Copriferro Travi di Elevazione in C.A.	: 3.00 cm
Copriferro Pilastr in C.A.	: 3.00 cm
Copriferro Solai	: 3.00 cm
Copriferro Piastre di Fondazione	: 3.00 cm
Copriferro Piastre di Elevazione	: 3.00 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

Nom e	Classe	Rck [daN/c m²]	v	ps [daN/ m³]	αt [1/°C]	Ec [daN/c m²]	FC	γm,c	Ect/E c	fck [daN/ cm²]	fcm [daN/c m²]	fcd SLU [daN/c]	fctd SLU [daN/c]	fcd SLD [daN/c]	fctd SLD [daN/c]	fctk,0.0 5 [daN/c]	fctm [daN/c m²]	εc2 [%]	εcu2 [%]
----------	--------	----------------------	---	--------------------	-----------	---------------------	----	------	------------	----------------------	----------------------	-----------------------	------------------------	-----------------------	------------------------	--------------------------	-----------------------	---------	-------------

C25/30	C25/30	300	0.15	2500	1.0E-005	314758.1	-	1.50	0.50	250.0	-	m <sup>2</sup> 141.7	m <sup>2</sup> 12.0	m <sup>2</sup> 212.5	m <sup>2</sup> 18.0	m <sup>2</sup> 18.0	25.6	2.00	3.50
--------	--------	-----	------	------	----------	----------	---	------	------	-------	---	-------------------------	------------------------	-------------------------	------------------------	------------------------	------	------	------

**c - Acciaio per C.A.**

Nome	Tipo	$\gamma_m$	FC	Es [daN/cm <sup>2</sup> ]	fyk [daN/cm <sup>2</sup> ]	ftk [daN/cm <sup>2</sup> ]	fd SLU [daN/cm <sup>2</sup> ]	fd SLD [daN/cm <sup>2</sup> ]	fd SLE [daN/cm <sup>2</sup> ]	k	$\epsilon_{ud}$ [%]
<b>B450C</b>	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 [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
2	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
3	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
4	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
5	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
6	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
7	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
8	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
11	Colonna 1	fondazione	Presente	200.00	-120.00	3	-
12	Colonna 1	fondazione	Presente	200.00	-120.00	3	-

**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;  
 $\phi$  : 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;  
 $\nu_t$  : Coefficiente di Poisson;  
 $E_{ed}$  : Modulo Edometrico;  
 OCR : Grado di sovraconsolidazione del terreno.

Colonna	Strato	Spess. [cm]	Peso [daN/m <sup>3</sup> ]	Peso eff. [daN/m <sup>3</sup> ]	NSPT T	Qc [daN/cm <sup>2</sup> ]	$\phi$ [°]	C [daN/cm <sup>2</sup> ]	Cu [daN/cm <sup>2</sup> ]	E [daN/cm <sup>2</sup> ]	G [daN/cm <sup>2</sup> ]	$\nu_t$	$E_{ed}$ [daN/cm <sup>2</sup> ]	OC R
<b>Colonna 1</b>	terreno agrario	100.0	1850.0	850.0	1	-	25.0	0.00	0.09	15.00	93.00	0.35	7.00	1.00

	Argilla e argilla	620.0	2250.0	1250.0	14	-	27.0	0.09	0.94	140.00	775.00	0.33	64.00	1.00
	Sabbie con ghiaie	3000.0	2220.0	1220.0	25	-	27.0	0.17	1.70	250.00	1080.00	0.32	115.00	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	305	525	-

- Analisi dei Carichi -

<b>piano 1</b>
----------------

#### Solai

Tipologia solaio prevalente: SLC\_16+5( LATERO CEMENTO )

Altezza pignatta	16.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza soletina collaborante	5.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	100.0 daN/m²

**Peso Proprio Solaio: 305 daN/m²**

#### Balconi

Tipologia balcone prevalente: BCA\_H 21 CM( BALCONE IN C.A. )

**Peso Proprio Solaio: 525 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	200	200	200	160	1088
piano 1	200	200	200	160	1088

- Analisi dei Carichi -

<b>fondazione</b>
-------------------

#### Influenza Tramezzi

Il peso proprio degli elementi divisorii interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisorii interni con  $300 < G2 \leq 400$  daN/m (D.M. 17/01/2018)

#### Tamponature

Tipologia tamponatura prevalente: Tamp\_4 (Tamponatura rigidamente connessa)

FaTA e-version - Vers 36.0.3

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m <sup>3</sup>
Mattone forato	30.0 cm	800.0 daN/m <sup>3</sup>
intonaco	2.0 cm	0.0 daN/m <sup>3</sup>

Peso proprio tamponatura: 272.0 daN/m<sup>2</sup>

**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

**Influenza Tramezzi**

Il peso proprio degli elementi divisorii interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisorii interni con  $300 < G2 \leq 400$  daN/m (D.M. 17/01/2018)

### 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/m <sup>2</sup> ]		
	Solai	Balconi	Scale
fondazione	200	400	400
piano 1	200	400	400

### 3.4.4 Pesi Impalcati.

Ai fini della valutazione dei pesi "W" a livello dei vari impalcato, 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 Q<sub>k</sub> moltiplicati per una aliquota  $\Psi_{2i}$  (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	$\Psi_{2i}$
fondazione	Categoria A: Ambienti ad uso residenziale	0.3
piano 1	Categoria H: Coperture	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	$\Psi_{2i}$
C2	Balconi, ballatoi e scale	0.6

Imp. Reale	G1 [daN]	G2 [daN]	$\Psi_2 \cdot Q_k$ [daN]	W (SLV-SLD) [daN]
0	15887.31	14860.16	828.00	31575.47
1	11632.83	5505.21	1753.84	18891.87

### 3.4.5 Azione del Vento.

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

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

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:

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

$c_a$  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:  $p_i = q_b \cdot C_e \cdot C_{pi} \cdot C_d$

$q_r = 54.24$  daN/mq è la pressione cinetica di riferimento valutata con l'espressione:

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

essendo:

$v_r(T_R)$  la velocità di riferimento del vento (in m/s);

$\rho$  la densità dell'aria assunta pari a 1.25 daN/m<sup>3</sup>.

$C_e$ ..... = 1.71 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.

$C_d$ ..... = 1.00 è il coefficiente dinamico

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

essendo:

$C_f$ ..... = 0.01 il coefficiente d'attrito

Nel caso in esame la zona selezionata è la **3: Toscana, Marche, Umbria, Lazio, Abruzzo, Molise, Campania, Puglia, Basilicata, Calabria (esclusa la provincia di Reggio Calabria.)**

Il fabbricato si trova sulla terraferma ad una distanza di **26.0 Km** dalla costa e ad un'altezza di **622.00 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 **liscia**.

La classe di rugosità del terreno è la **C**: "Aree con ostacoli diffusi(alberi, case, muri, recinzioni,...); aree con rugosità non riconducibile alle classi A, B, D."

Il coefficiente di esposizione  $C_e$ , funzione dell'altezza della costruzione  $z = 3.50$  mt sul suolo, della rugosità, della topografia del terreno, e dell'esposizione del sito ove sorge la costruzione, è dato dalla formula:

$$C_e(z_{min}) = K_r^2 \cdot C_t \cdot \ln(z_{min}/z_0) \cdot [7 + C_t \cdot \ln(z_{min}/z_0)] \text{ valida per } z < z_{min}.$$

Dove:  $K_r$ ..... = 0.200;

$z_0$ ..... = 0.100;

$z_{min}$ ... = 5.000;

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

$C_t$ ..... = 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  $\leq 33\%$  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:

	$C_{pe}$	$P_e$ [daN/m <sup>2</sup> ]	$C_{pi}$	$P_i$ [daN/m <sup>2</sup> ]
<b>Falda sopra vento</b>	-0.40	-37.05	0.80	74.09
<b>Falda sottovento</b>	-0.40	-37.05	0.80	74.09
<b>Parete sottovento</b>	-0.40	-37.05	0.80	74.09

L'azione tangente  $p_f$  parallela alla direzione del vento e' pari a 0.93 [daN/m<sup>2</sup>].

### 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:

$$q_s = \mu_i \cdot q_{sk} \cdot C_e \cdot C_t$$

Dove:  $q_s$  è il carico cercato;

$\mu_i$  è il coefficiente di forma della copertura;

$q_{sk}$  è il valore di riferimento del carico neve al suolo riferito ad un periodo di ritorno di 50 anni.

$C_e$  è il coefficiente di esposizione che viene utilizzato per modificare il carico neve in funzione delle caratteristiche dell'area in cui sorge l'opera;

$C_t$  è il coefficiente termico;

$C_e = 1.0$  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).

$C_t = 1.0$

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  $q_{sk}$  si è fatto riferimento alla seguente espressione :

$$q_{sk} = 100 \cdot 0.51 [1 + (a_s/481)^2] \text{ daN/m}^2$$

valida per:

- Zona 3

Agrigento, Brindisi, Cagliari, Caltanissetta, Carbonia-Iglesias, Caserta, Catania, Catanzaro, Cosenza, Crotone, Enna, Grosseto, Latina, Lecce, Livorno, Matera, Medio Campidano, Messina, Napoli, Nuoro, Ogliastra, Olbia Tempio, Oristano, Palermo, Pisa, Potenza, Ragusa, Reggio Calabria, Roma, Salerno, Sassari, Siena, Siracusa, Taranto, Terni, Trapani, Vibo Valentia, Viterbo.

- quota ' $a_s$ ' del suolo sul livello del mare  $>200\text{m}$  .

L'altezza sul livello del mare della costruzione è di **622 mt** per cui il valore di riferimento del carico neve al suolo ( $q_{sk}$ ) è: **136.28 daN/m<sup>2</sup>**.

Si assume che la neve non sia impedita di scivolare.

Il tipo di copertura del fabbricato è : **Ad una falda**

FaTA e-version - Vers 36.0.3

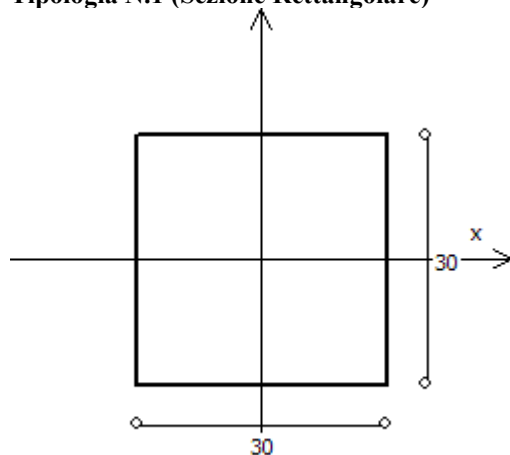
con un angolo di **0** gradi sessagesimali.  
 Il coefficiente di forma  $\mu_l$  vale **0.80**.

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

$$\mu_l \cdot q_{sk} \cdot C_e \cdot C_t = 109.03 \text{ daN/m}^2$$

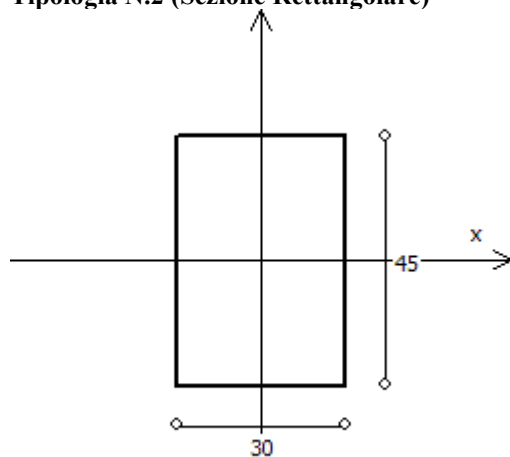
### 3.5 Elenco e Caratteristiche delle sezioni trasversali.

#### Tipologia N.1 (Sezione Rettangolare)



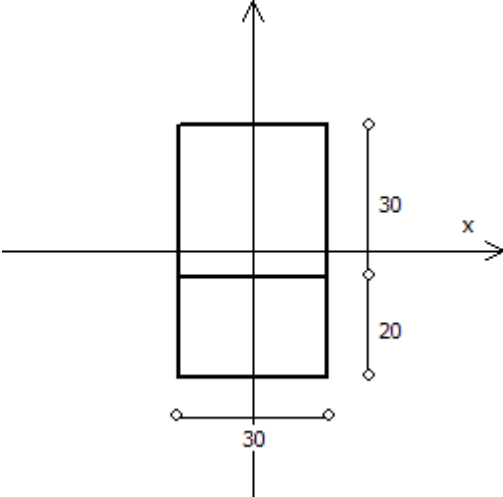
A	= 900 cm <sup>2</sup>
J <sub>x</sub>	= 67500 cm <sup>4</sup>
J <sub>y</sub>	= 67500 cm <sup>4</sup>
J <sub>t</sub>	= 113860 cm <sup>4</sup>
Materiale	= C25/30
Peso	= 225 daN/m

#### Tipologia N.2 (Sezione Rettangolare)



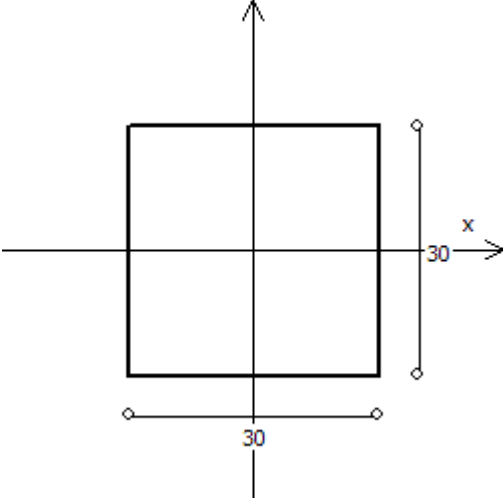
A	= 1350 cm <sup>2</sup>
J <sub>x</sub>	= 227813 cm <sup>4</sup>
J <sub>y</sub>	= 101250 cm <sup>4</sup>
J <sub>t</sub>	= 235710 cm <sup>4</sup>
Materiale	= C25/30
Peso	= 338 daN/m

**Tipologia N.3 (Sezione di Fondazione)**



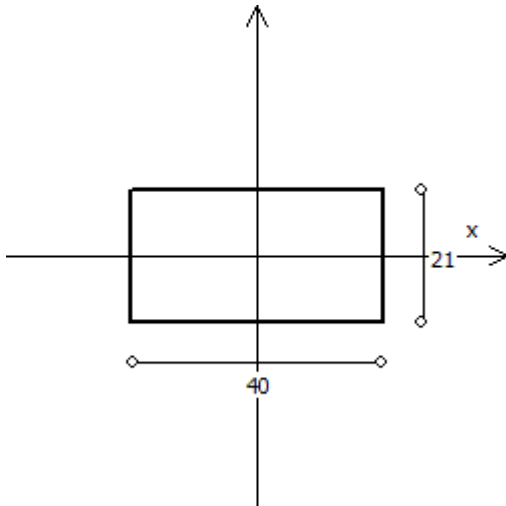
A	= 900 cm <sup>2</sup>
Jx	= 67500 cm <sup>4</sup>
Jy	= 67500 cm <sup>4</sup>
Jt	= 100710 cm <sup>4</sup>
Materiale	= C25/30
Peso	= 225 daN/ml

**Tipologia N.4 (Sezione Rettangolare)**



A	= 900 cm <sup>2</sup>
Jx	= 67500 cm <sup>4</sup>
Jy	= 67500 cm <sup>4</sup>
Jt	= 113860 cm <sup>4</sup>
Materiale	= C25/30
Peso	= 225 daN/m

**Tipologia N.5 (Sezione Rettangolare)**



A = 840 cm<sup>2</sup>  
 Jx = 30870 cm<sup>4</sup>  
 Jy = 112000 cm<sup>4</sup>  
 Jt = 82833 cm<sup>4</sup>  
 Materiale = C25/30  
 Peso = 210 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	15.00	0.00	0.00	0.00	8
2	325.00	0.00	0.00	0.00	8
3	15.00	165.00	0.00	0.00	5
4	325.00	165.00	0.00	0.00	5
5	35.00	270.00	0.00	30.00	3
6	305.00	270.00	0.00	-30.00	1
7	-60.00	0.00	0.00	0.00	7
8	400.00	0.00	0.00	0.00	9
9	-60.00	270.00	0.00	0.00	1
10	400.00	270.00	0.00	0.00	3
11	-60.00	300.00	0.00	0.00	1
12	400.00	300.00	0.00	0.00	3
13	15.00	-30.00	0.00	0.00	8
14	325.00	-30.00	0.00	0.00	8

#### 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	15.0	15.0	0.0	fondazione	CR2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
2	325.0	15.0	0.0	fondazione	CR3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
3	15.0	165.0	0.0	fondazione	CR4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
4	325.0	165.0	0.0	fondazione	CR5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
5	33.3	243.0	0.0	fondazione	CR6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
6	306.7	243.0	0.0	fondazione	CR7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
7	-60.0	300.0	-15.0	fondazione	CR1 0	np	np	np	np	np	np	0.00	0.00	0.00	0.00
8	400.0	300.0	-15.0	fondazione	CR1 1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
9	400.0	0.0	-15.0	fondazione	CR9	np	np	np	np	np	np	0.00	0.00	0.00	0.00
10	-60.0	0.0	-15.0	fondazione	CR8	np	np	np	np	np	np	0.00	0.00	0.00	0.00
11	15.0	15.0	-15.0	fondazione	CR2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
12	325.0	15.0	-15.0	fondazione	CR3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
13	15.0	165.0	-15.0	fondazione	CR4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
14	325.0	165.0	-15.0	fondazione	CR5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
15	33.3	243.0	-15.0	fondazione	CR6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
16	306.7	243.0	-15.0	fondazione	CR7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
17	32.0	300.0	-15.0	fondazione	CR2 4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
18	124.0	300.0	-15.0	fondazione	CR2 5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
19	216.0	300.0	-15.0	fondazione	CR2 6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
20	308.0	300.0	-15.0	fondazione	CR2 7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
21	400.0	200.0	-15.0	fondazione	CR2 8	np	np	np	np	np	np	0.00	0.00	0.00	0.00
22	400.0	100.0	-15.0	fondazione	CR2 9	np	np	np	np	np	np	0.00	0.00	0.00	0.00
23	308.0	0.0	-15.0	fondazione	CR3 0	np	np	np	np	np	np	0.00	0.00	0.00	0.00
24	216.0	0.0	-15.0	fondazione	CR3 1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
25	124.0	0.0	-15.0	fondazione	CR3 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
26	32.0	0.0	-15.0	fondazione	CR3 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
27	-60.0	100.0	-15.0	fondazione	CR3 4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
28	-60.0	200.0	-15.0	fondazione	CR3 5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
29	92.5	15.0	-15.0	fondazione	CR3 6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
30	170.0	15.0	-15.0	fondazione	CR3 7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
31	247.5	15.0	-15.0	fondazione	CR3 8	np	np	np	np	np	np	0.00	0.00	0.00	0.00

32	15.0	90.0	-15.0	fondazione	CR3 9	np	np	np	np	np	np	0.00	0.00	0.00	0.00
33	325.0	90.0	-15.0	fondazione	CR4 0	np	np	np	np	np	np	0.00	0.00	0.00	0.00
34	124.4	243.0	-15.0	fondazione	CR4 1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
35	215.6	243.0	-15.0	fondazione	CR4 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
36	307.4	271.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
37	-22.5	95.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
38	-22.5	182.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
39	316.5	7.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
40	154.8	91.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
41	139.6	167.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
42	231.0	271.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
43	190.2	271.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
44	-22.5	36.7	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
45	-16.4	241.8	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
46	260.0	7.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
47	358.7	23.6	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
48	361.2	46.2	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
49	354.5	234.6	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
50	354.0	268.7	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
51	230.7	166.5	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
52	239.6	90.7	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
53	89.5	90.7	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
54	87.2	166.4	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
55	30.0	15.0	-15.0	fondazione	CR2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
56	310.0	15.0	-15.0	fondazione	CR3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
57	15.0	30.0	-15.0	fondazione	CR2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
58	15.0	150.0	-15.0	fondazione	CR4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
59	325.0	30.0	-15.0	fondazione	CR3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
60	325.0	150.0	-15.0	fondazione	CR5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
61	15.7	180.0	-15.0	fondazione	CR4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
62	15.7	243.4	-15.0	fondazione	CR6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
63	324.3	180.0	-15.0	fondazione	CR5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
64	324.3	243.4	-15.0	fondazione	CR7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
65	43.7	255.0	-15.0	fondazione	CR6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
66	296.3	255.0	-15.0	fondazione	CR7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
67	30.0	20.0	419.5	piano 1	CR1 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
68	310.0	20.0	419.5	piano 1	CR1 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
69	15.0	30.0	415.0	piano 1	CR1 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
70	15.0	150.0	415.0	piano 1	CR1 4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
71	-60.0	20.0	419.5	piano 1	CR1 8	np	np	np	np	np	np	0.00	0.00	0.00	0.00
72	0.0	20.0	419.5	piano 1	CR1 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
73	15.0	0.0	419.5	piano 1	CR1 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
74	15.0	-30.0	419.5	piano 1	CR2 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
75	325.0	30.0	415.0	piano 1	CR1 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
76	325.0	150.0	415.0	piano 1	CR1 5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
77	340.0	20.0	419.5	piano 1	CR1 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
78	400.0	20.0	419.5	piano 1	CR1 9	np	np	np	np	np	np	0.00	0.00	0.00	0.00
79	325.0	0.0	419.5	piano 1	CR1 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
80	325.0	-30.0	419.5	piano 1	CR2 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
81	15.7	180.0	415.0	piano 1	CR1 4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
82	15.7	243.4	415.0	piano 1	CR1 6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
83	324.3	180.0	415.0	piano 1	CR1 5	np	np	np	np	np	np	0.00	0.00	0.00	0.00

84	324.3	243.4	415.0	piano 1	CR1 7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
85	46.5	250.0	419.5	piano 1	CR1 6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
86	293.5	250.0	419.5	piano 1	CR1 7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
87	-60.0	250.0	419.5	piano 1	CR2 0	np	np	np	np	np	np	0.00	0.00	0.00	0.00
88	11.9	250.0	419.5	piano 1	CR1 6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
89	328.1	250.0	419.5	piano 1	CR1 7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
90	400.0	250.0	419.5	piano 1	CR2 1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
91	15.0	15.0	400.0	piano 1	CR1 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
92	325.0	15.0	400.0	piano 1	CR1 3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
93	15.0	165.0	400.0	piano 1	CR1 4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
94	325.0	165.0	400.0	piano 1	CR1 5	np	np	np	np	np	np	0.00	0.00	0.00	0.00
95	33.3	243.0	400.0	piano 1	CR1 6	np	np	np	np	np	np	0.00	0.00	0.00	0.00
96	306.7	243.0	400.0	piano 1	CR1 7	np	np	np	np	np	np	0.00	0.00	0.00	0.00
97	124.4	255.0	-15.0	fondazione	CR4 1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
98	215.6	255.0	-15.0	fondazione	CR4 2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

Tabella dei Nodi di Concio Rigido:

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]
CR2	18.8	18.8	-11.3	fondazione	-	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR3	321.3	18.7	-11.3	fondazione	-	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR4	15.2	165.0	-11.3	fondazione	-	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR5	324.8	165.0	-11.3	fondazione	-	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR6	31.5	246.1	-11.3	fondazione	-	np	np	np	np	np	np	4.77	0.00	0.00	0.00
CR7	308.5	246.1	-11.3	fondazione	-	np	np	np	np	np	np	4.77	0.00	0.00	0.00
CR8	-60.0	0.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR9	400.0	0.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR10	-60.0	300.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR11	400.0	300.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR12	15.0	17.0	414.7	piano 1	M1	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR13	325.0	17.0	414.7	piano 1	M1	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR14	15.2	165.0	410.0	piano 1	M1	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR15	324.8	165.0	410.0	piano 1	M1	np	np	np	np	np	np	6.88	0.00	0.00	0.00
CR16	26.9	246.6	413.5	piano 1	M1	np	np	np	np	np	np	10.33	0.00	0.00	0.00
CR17	313.1	246.6	413.5	piano 1	M1	np	np	np	np	np	np	10.33	0.00	0.00	0.00
CR18	-60.0	20.0	419.5	piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR19	400.0	20.0	419.5	piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR20	-60.0	250.0	419.5	piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR21	400.0	250.0	419.5	piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR22	15.0	-30.0	419.5	piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR23	325.0	-30.0	419.5	piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR24	32.0	300.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR25	124.0	300.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR26	216.0	300.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR27	308.0	300.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR28	400.0	200.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR29	400.0	100.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR30	308.0	0.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR31	216.0	0.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR32	124.0	0.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR33	32.0	0.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR34	-60.0	100.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR35	-60.0	200.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
CR36	92.5	15.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

<b>CR37</b>	170.0	15.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
<b>CR38</b>	247.5	15.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
<b>CR39</b>	15.0	90.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
<b>CR40</b>	325.0	90.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
<b>CR41</b>	124.4	249.0	-15.0	fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
<b>CR42</b>	215.6	249.0	-15.0	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	170.00	151.87	414.43

### 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/c m³]	Kwt [daN/c m³]	Estremo In.						Estremo Fin.					
										SpoX	SpoY	SpoZ	RotX	RotY	RotZ	SpoX	SpoY	SpoZ	RotX	RotY	RotZ
1	1, 2	55	29	Trave Fond.	3	62.50	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
2	1, 2	29	30	Trave Fond.	3	77.50	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
3	1, 2	30	31	Trave Fond.	3	77.50	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
4	1, 2	31	56	Trave Fond.	3	62.50	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
5	1, 3	57	32	Trave Fond.	3	60.00	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
6	1, 3	32	58	Trave Fond.	3	60.00	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
7	2, 4	59	33	Trave Fond.	3	60.00	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, 4	33	60	Trave Fond.	3	60.00	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	3, 5	61	62	Trave Fond.	3	63.37	fondazione	5.00	2.50	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	4, 6	63	64	Trave Fond.	3	63.37	fondazione	5.00	2.50	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	5, 6	65	97	Trave Fond.	3	80.76	fondazione	5.00	2.50	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	5, 6	97	98	Trave Fond.	3	91.16	fondazione	5.00	2.50	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	5, 6	98	66	Trave Fond.	3	80.76	fondazione	5.00	2.50	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	1, 2	67	68	Trave Elev.	5	280.00	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
15	1, 3	69	70	Trave Elev.	4	120.00	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
16	7, 1	71	72	Trave Elev.	5	60.00	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
17	1, 13	73	74	Trave Elev.	5	30.00	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
18	2, 4	75	76	Trave Elev.	4	120.00	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
19	2, 8	77	78	Trave Elev.	5	60.00	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
20	2, 14	79	80	Trave Elev.	5	30.00	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
21	3, 5	81	82	Trave Elev.	4	63.37	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
22	4, 6	83	84	Trave Elev.	4	63.37	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
23	5, 6	85	86	Trave Elev.	5	246.91	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
24	9, 5	87	88	Trave Elev.	5	71.91	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
25	6, 10	89	90	Trave Elev.	5	71.91	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
26	1	91	1	Pilastro	1	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
27	2	92	2	Pilastro	1	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
28	3	93	3	Pilastro	1	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
29	4	94	4	Pilastro	1	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
30	5	95	5	Pilastro	2	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
31	6	96	6	Pilastro	2	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

### 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	fondazione	11, 12, 8, 7	30.00	Platea Cls	41	C25/30	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  $\alpha_A$ , 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.
14	piano 1	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-23.63	-23.63
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-24.00	-24.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-18.00	-18.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	4.91	4.91
15	piano 1	1, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	94.50	94.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	66.00	66.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	-19.62	-19.62
16	piano 1	7, 1	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-23.63	-23.62
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-24.00	-24.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-18.00	-18.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	4.91	4.91
18	piano 1	2, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-94.50	-94.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-66.00	-66.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-72.00	-72.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	19.62	19.62
19	piano 1	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-23.63	-23.62
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-24.00	-24.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-18.00	-18.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	4.91	4.91
21	piano 1	3, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	94.50	94.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	66.00	66.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	-19.62	-19.62
22	piano 1	4, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-94.50	-94.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-66.00	-66.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-72.00	-72.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	19.62	19.62
23	piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	262.50	262.50

			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	150.00	150.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	200.00	200.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	-54.51	-54.51
24	piano 1	9, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	262.50	262.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	150.00	150.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	200.00	200.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	-54.51	-54.51
25	piano 1	6, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	262.50	262.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	150.00	150.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	200.00	200.00
			Neve	0.00	0.00	0.00	0.00	0.00	0.00	-54.51	-54.51

### 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	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (-Y)	0.00	0.00	-27.81	-27.81	0.00	0.00
2	fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (-Y)	0.00	0.00	-27.81	-27.81	0.00	0.00
3	fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (-Y)	0.00	0.00	-27.81	-27.81	0.00	0.00
4	fondazione	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (-Y)	0.00	0.00	-27.81	-27.81	0.00	0.00
5	fondazione	1, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1088.00	-1088.00
			Vento (-X)	-13.68	-13.68	0.00	0.00	0.00	0.00
6	fondazione	1, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1088.00	-1088.00
			Vento (-X)	-13.68	-13.68	0.00	0.00	0.00	0.00
7	fondazione	2, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1088.00	-1088.00
			Vento (+X)	0.00	0.00	13.68	13.68	0.00	0.00
8	fondazione	2, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1088.00	-1088.00
			Vento (+X)	0.00	0.00	13.68	13.68	0.00	0.00
9	fondazione	3, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1069.09	-1069.09
			Vento (-X)	-3.45	-12.93	0.00	0.00	0.00	0.00
10	fondazione	4, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1069.09	-1069.09
			Vento (+X)	0.00	0.00	3.45	12.93	0.00	0.00
11	fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (+Y)	0.00	0.00	25.70	25.70	0.00	0.00
12	fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (+Y)	0.00	0.00	25.70	25.70	0.00	0.00
13	fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1112.48	-1112.48
			Vento (+Y)	0.00	0.00	25.70	25.70	0.00	0.00
14	piano 1	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-367.50	-367.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-254.00	-254.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-200.00	-200.00

			Vento (-Y)	0.00	0.00	-27.81	-27.81	0.00	0.00
			Neve	0.00	0.00	0.00	0.00	-32.71	-32.71
15	piano 1	1, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-967.00	-967.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-782.00	-782.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-580.00	-580.00
			Vento (-X)	-13.68	-13.68	0.00	0.00	0.00	0.00
			Neve	0.00	0.00	0.00	0.00	-65.42	-65.42
16	piano 1	7, 1	Car. Perm. G1	0.00	0.00	0.00	0.00	-367.50	-367.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-254.00	-254.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-200.00	-200.00
			Neve	0.00	0.00	0.00	0.00	-32.71	-32.71
17	piano 1	1, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-210.00	-210.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-144.00	-144.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
18	piano 1	2, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-967.00	-967.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-782.00	-782.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-580.00	-580.00
			Vento (+X)	0.00	0.00	13.68	13.68	0.00	0.00
			Neve	0.00	0.00	0.00	0.00	-65.42	-65.42
19	piano 1	2, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-367.50	-367.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-254.00	-254.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-200.00	-200.00
			Neve	0.00	0.00	0.00	0.00	-32.71	-32.71
20	piano 1	2, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-210.00	-210.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-144.00	-144.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
21	piano 1	3, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-963.95	-963.95
			Car. Perm. G2	0.00	0.00	0.00	0.00	-778.40	-778.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-578.00	-578.00
			Vento (-X)	-3.45	-12.94	0.00	0.00	0.00	0.00
			Vento (+Y)	0.00	0.00	3.45	12.94	0.00	0.00
			Neve	0.00	0.00	0.00	0.00	-65.42	-65.42
22	piano 1	4, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-963.95	-963.95
			Car. Perm. G2	0.00	0.00	0.00	0.00	-778.40	-778.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-578.00	-578.00
			Vento (+X)	0.00	0.00	3.45	12.94	0.00	0.00
			Vento (+Y)	0.00	0.00	3.45	12.94	0.00	0.00
			Neve	0.00	0.00	0.00	0.00	-65.42	-65.42
23	piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-735.00	-735.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-394.00	-394.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-480.00	-480.00
			Vento (+Y)	0.00	0.00	25.70	25.70	0.00	0.00
			Neve	0.00	0.00	0.00	0.00	-109.03	-109.03
24	piano 1	9, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-735.00	-735.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-394.00	-394.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-480.00	-480.00
			Neve	0.00	0.00	0.00	0.00	-109.03	-109.03
25	piano 1	6, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-735.00	-735.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-394.00	-394.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-480.00	-480.00
			Neve	0.00	0.00	0.00	0.00	-109.03	-109.03
26	piano 1	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Vento (-X)	-12.58	-19.24	0.00	0.00	0.00	0.00
			Vento (-Y)	0.00	0.00	-25.00	-33.58	0.00	0.00
27	piano 1	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Vento (+X)	0.00	0.00	12.58	19.24	0.00	0.00
			Vento (-Y)	0.00	0.00	-25.00	-33.58	0.00	0.00
28	piano 1	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Vento (-X)	-20.03	-30.63	0.00	0.00	0.00	0.00
			Vento (+Y)	0.00	0.00	7.46	11.39	0.00	0.00
29	piano 1	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Vento (+X)	0.00	0.00	20.03	30.63	0.00	0.00
			Vento (+Y)	0.00	0.00	7.46	11.39	0.00	0.00
30	piano 1	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-337.50	-337.50
			Vento (-X)	-7.35	-11.41	0.00	0.00	0.00	0.00
			Vento (+Y)	0.00	0.00	30.84	42.96	0.00	0.00
31	piano 1	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-337.50	-337.50
			Vento (+X)	0.00	0.00	7.35	11.41	0.00	0.00
			Vento (+Y)	0.00	0.00	30.84	42.96	0.00	0.00

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	fondazio ne	11, 12, 8, 7	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	fondazio ne	11, 12, 8, 7	Car. Permanenti G1	0.00	0.00	-750.00
			Car. Permanenti G2	0.00	0.00	-360.00
			Car. d'Esercizio	0.00	0.00	-200.00

### 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  
 $\Delta t$  : delta termico costante applicato all'elemento.  
 $\Delta t_{XY}$  : delta termico a farfalla nel piano XY applicato all'elemento.  
 $h_{XY}$  : altezza di riferimento del delta termico nel piano XY applicato all'elemento.  
 $\Delta t_{XZ}$  : 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	$\Delta t$ [°C]	$\Delta t_{XY}$ [°C]	$h_{XY}$ [cm]	$\Delta t_{XZ}$ [°C]	$h_{XZ}$ [cm]
1	fondazione	1, 2	10.0	0.0	30.0	0.0	50.0
2	fondazione	1, 2	10.0	0.0	30.0	0.0	50.0
3	fondazione	1, 2	10.0	0.0	30.0	0.0	50.0
4	fondazione	1, 2	10.0	0.0	30.0	0.0	50.0
5	fondazione	1, 3	10.0	0.0	30.0	0.0	50.0
6	fondazione	1, 3	10.0	0.0	30.0	0.0	50.0
7	fondazione	2, 4	10.0	0.0	30.0	0.0	50.0
8	fondazione	2, 4	10.0	0.0	30.0	0.0	50.0
9	fondazione	3, 5	10.0	0.0	30.0	0.0	50.0
10	fondazione	4, 6	10.0	0.0	30.0	0.0	50.0
11	fondazione	5, 6	10.0	0.0	30.0	0.0	50.0
12	fondazione	5, 6	10.0	0.0	30.0	0.0	50.0
13	fondazione	5, 6	10.0	0.0	30.0	0.0	50.0
14	piano 1	1, 2	15.0	0.0	40.0	0.0	21.0
15	piano 1	1, 3	15.0	0.0	30.0	0.0	30.0
16	piano 1	7, 1	15.0	0.0	40.0	0.0	21.0
17	piano 1	1, 13	15.0	0.0	40.0	0.0	21.0

18	piano 1	2, 4	15.0	0.0	30.0	0.0	30.0
19	piano 1	2, 8	15.0	0.0	40.0	0.0	21.0
20	piano 1	2, 14	15.0	0.0	40.0	0.0	21.0
21	piano 1	3, 5	15.0	0.0	30.0	0.0	30.0
22	piano 1	4, 6	15.0	0.0	30.0	0.0	30.0
23	piano 1	5, 6	15.0	0.0	40.0	0.0	21.0
24	piano 1	9, 5	15.0	0.0	40.0	0.0	21.0
25	piano 1	6, 10	15.0	0.0	40.0	0.0	21.0
26	piano 1	1	15.0	0.0	30.0	0.0	30.0
27	piano 1	2	15.0	0.0	30.0	0.0	30.0
28	piano 1	3	15.0	0.0	30.0	0.0	30.0
29	piano 1	4	15.0	0.0	30.0	0.0	30.0
30	piano 1	5	15.0	0.0	30.0	0.0	45.0
31	piano 1	6	15.0	0.0	30.0	0.0	45.0

## Platee

Platee : numero della platea  
 Imp. : impalcato al quale appartiene la platea  
 Fili : fili fissi ai quali appartiene la platea  
 $\Delta t$  : salto termico applicato all'elemento.

Platea	Imp.	Fili	$\Delta t$ [°C]
1	fondazione	11, 12, 8, 7	10.0

## 4 Risultati di Calcolo.

### 4.1 Risultati Condizioni.

Asta : numerazione interna dell'asta.  
 Imp. : impalcato al quale appartiene l'asta considerata.  
 Fili : fili fissi ai quali appartiene l'asta considerata.  
 Nodo : numerazione interna del nodo.  
 Nodo Vinc. : numerazione interna del nodo vincolato.  
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.

Cinematismi nodali : valore dello spostamento. Per le azioni sismiche è riferito allo spettro elastico:  
 $V_x$  : traslazione X rispetto al sistema di riferimento globale.  
 $V_y$  : traslazione Y rispetto al sistema di riferimento globale.  
 $V_z$  : Traslazione Z rispetto al sistema di riferimento globale.  
 $R_x$  : rotazione attorno all'asse X del sistema di riferimento globale.  
 $R_y$  : rotazione attorno all'asse Y del sistema di riferimento globale.  
 $R_z$  : rotazione attorno all'asse Z del sistema di riferimento globale.

Sollecitazioni:  
 $N$  : valore dello Sforzo Normale nel punto considerato.  
 $M_T$  : valore del Momento Torcente nel punto considerato.  
 $M_{XZ}$  : valore del Momento Flettente X-Z nel punto considerato.  
 $T_{XZ}$  : valore del Taglio X-Z nel punto considerato.  
 $M_{XY}$  : valore del Momento Flettente X-Y nel punto considerato.  
 $T_{XY}$  : valore del Taglio X-Y nel punto considerato.

Reazioni:  
 $R_x$  : reazione vincolare in direzione X (riferimento globale);  
 $R_y$  : reazione vincolare in direzione Y (riferimento globale);  
 $R_z$  : reazione vincolare in direzione Z (riferimento globale);  
 $R_{fx}$  : reazione vincolare intorno ad X (riferimento globale);  
 $R_{fy}$  : reazione vincolare intorno ad Y (riferimento globale);  
 $R_{fz}$  : reazione vincolare intorno ad Z (riferimento globale).

Parete/Piastra : numerazione dei fili fissi per impalcato della parete/piastra intesa come insieme di elementi bidimensionali;  
 Sollecitazioni:  
 N1-1 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 1 nel punto considerato;  
 N2-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 2 in direzione 2 nel punto considerato;  
 N1-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 2 nel punto considerato;  
 M1-1 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 1 nel punto considerato;  
 M2-2 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 2 nel punto considerato;  
 M1-2 : valore dello Momento Torcente sulle faccie nel punto considerato;  
 T1-3 : valore del Taglio sulla faccia di normale parallela all'asse 1 in direzione 3 nel punto considerato;  
 T2-3 : valore del Taglio sulla faccia di normale parallela all'asse 2 in direzione 3 nel punto considerato;

Modo:

f : valore della frequenza del modo i-esimo;  
 T : valore del periodo del modo i-esimo;  
 G<sub>x</sub> : valore del coefficiente di partecipazione del modo i-esimo;

#### 4.1.1 Risultati Condizioni (Carichi Permanenti - G1).

##### 4.1.1.1 Cinematismi nodali SLU

Tabella 1.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0007	0.0001	-0.0318	0.000010	0.000046	0.000000
2	0.0007	0.0001	-0.0318	0.000010	-0.000045	0.000000
3	-0.0005	0.0006	-0.0352	0.000041	0.000030	0.000000
4	0.0005	0.0006	-0.0352	0.000041	-0.000031	0.000000
5	-0.0005	0.0004	-0.0374	0.000026	0.000036	0.000000
6	0.0005	0.0004	-0.0374	0.000027	-0.000036	0.000000
7	0.0000	0.0000	-0.0401	0.000019	0.000009	0.000000
8	0.0000	0.0000	-0.0401	0.000020	-0.000009	0.000000
9	0.0000	0.0000	-0.0340	0.000007	-0.000024	0.000000
10	0.0000	0.0000	-0.0340	0.000007	0.000022	0.000000
11	0.0000	0.0000	-0.0318	0.000010	0.000046	0.000000
12	0.0000	0.0000	-0.0318	0.000010	-0.000045	0.000000
13	0.0000	0.0000	-0.0352	0.000041	0.000030	0.000000
14	0.0000	0.0000	-0.0352	0.000041	-0.000031	0.000000
15	0.0000	0.0000	-0.0374	0.000026	0.000036	0.000000
16	0.0000	0.0000	-0.0374	0.000027	-0.000036	0.000000
17	0.0000	0.0000	-0.0383	0.000012	0.000031	0.000000
18	0.0000	0.0000	-0.0355	0.000027	0.000029	0.000000
19	0.0000	0.0000	-0.0355	0.000025	-0.000030	0.000000
20	0.0000	0.0000	-0.0384	0.000018	-0.000031	0.000000
21	0.0000	0.0000	-0.0378	0.000026	-0.000010	0.000000
22	0.0000	0.0000	-0.0354	0.000023	-0.000028	0.000000
23	0.0000	0.0000	-0.0308	0.000012	-0.000050	0.000000
24	0.0000	0.0000	-0.0268	0.000024	-0.000028	0.000000
25	0.0000	0.0000	-0.0268	0.000022	0.000028	0.000000
26	0.0000	0.0000	-0.0308	0.000012	0.000051	0.000000
27	0.0000	0.0000	-0.0354	0.000022	0.000028	0.000000
28	0.0000	0.0000	-0.0378	0.000029	0.000015	0.000000
29	0.0000	0.0000	-0.0283	0.000018	0.000041	0.000000
30	0.0000	0.0000	-0.0266	0.000024	0.000001	0.000000
31	0.0000	0.0000	-0.0282	0.000019	-0.000041	0.000000
32	0.0000	0.0000	-0.0328	0.000021	0.000037	0.000000
33	0.0000	0.0000	-0.0327	0.000022	-0.000037	0.000000
34	0.0000	0.0000	-0.0338	0.000031	0.000031	0.000000
35	0.0000	0.0000	-0.0339	0.000031	-0.000032	0.000000
36	0.0000	0.0000	-0.0379	0.000017	-0.000032	0.000000
37	0.0000	0.0000	-0.0342	0.000023	0.000031	0.000000
38	0.0000	0.0000	-0.0367	0.000032	0.000018	0.000000
39	0.0000	0.0000	-0.0313	0.000011	-0.000049	0.000000

40	0.0000	0.0000	-0.0286	0.000028	0.000007	0.000000
41	0.0000	0.0000	-0.0311	0.000033	0.000016	0.000000
42	0.0000	0.0000	-0.0353	0.000027	-0.000035	0.000000
43	0.0000	0.0000	-0.0342	0.000029	-0.000013	0.000000
44	0.0000	0.0000	-0.0333	0.000009	0.000029	0.000000
45	0.0000	0.0000	-0.0384	0.000025	0.000013	0.000000
46	0.0000	0.0000	-0.0286	0.000018	-0.000041	0.000000
47	0.0000	0.0000	-0.0331	0.000010	-0.000031	0.000000
48	0.0000	0.0000	-0.0334	0.000011	-0.000030	0.000000
49	0.0000	0.0000	-0.0382	0.000027	-0.000012	0.000000
50	0.0000	0.0000	-0.0390	0.000019	-0.000016	0.000000
51	0.0000	0.0000	-0.0319	0.000036	-0.000035	0.000000
52	0.0000	0.0000	-0.0297	0.000029	-0.000032	0.000000
53	0.0000	0.0000	-0.0301	0.000027	0.000035	0.000000
54	0.0000	0.0000	-0.0326	0.000036	0.000040	0.000000
55	0.0000	0.0000	-0.0311	0.000010	0.000046	0.000000
56	0.0000	0.0000	-0.0311	0.000010	-0.000045	0.000000
57	0.0000	0.0000	-0.0319	0.000010	0.000046	0.000000
58	0.0000	0.0000	-0.0346	0.000041	0.000030	0.000000
59	0.0000	0.0000	-0.0319	0.000010	-0.000045	0.000000
60	0.0000	0.0000	-0.0346	0.000041	-0.000031	0.000000
61	0.0000	0.0000	-0.0358	0.000041	0.000030	0.000000
62	0.0000	0.0000	-0.0380	0.000026	0.000036	0.000000
63	0.0000	0.0000	-0.0358	0.000041	-0.000031	0.000000
64	0.0000	0.0000	-0.0381	0.000027	-0.000036	0.000000
65	0.0000	0.0000	-0.0373	0.000026	0.000036	0.000000
66	0.0000	0.0000	-0.0374	0.000027	-0.000036	0.000000
67	0.0000	0.0193	-0.0353	0.000047	-0.000055	0.000000
68	0.0000	0.0194	-0.0352	0.000047	0.000055	-0.000001
69	-0.0002	0.0190	-0.0349	0.000047	-0.000055	0.000000
70	-0.0002	0.0190	-0.0369	0.000006	-0.000015	0.000000
71	0.0000	0.0192	-0.0310	0.000044	-0.000041	0.000000
72	0.0000	0.0192	-0.0336	0.000047	-0.000055	0.000000
73	0.0001	0.0192	-0.0335	0.000047	-0.000055	0.000000
74	0.0001	0.0192	-0.0321	0.000046	-0.000055	0.000000
75	0.0003	0.0192	-0.0349	0.000047	0.000055	-0.000001
76	0.0002	0.0192	-0.0368	0.000007	0.000015	-0.000001
77	0.0000	0.0194	-0.0336	0.000047	0.000055	-0.000001
78	0.0000	0.0195	-0.0309	0.000044	0.000041	-0.000001
79	0.0000	0.0194	-0.0335	0.000047	0.000055	-0.000001
80	0.0001	0.0194	-0.0321	0.000046	0.000055	-0.000001
81	-0.0002	0.0190	-0.0371	0.000006	-0.000015	0.000000
82	-0.0002	0.0191	-0.0396	0.000086	-0.000029	-0.000001
83	0.0001	0.0192	-0.0371	0.000007	0.000015	-0.000001
84	0.0001	0.0192	-0.0397	0.000087	0.000029	0.000000
85	-0.0001	0.0195	-0.0411	0.000086	-0.000029	-0.000001
86	0.0000	0.0196	-0.0411	0.000087	0.000029	0.000000
87	-0.0001	0.0194	-0.0405	0.000146	0.000018	-0.000001
88	-0.0001	0.0194	-0.0401	0.000086	-0.000029	-0.000001
89	0.0000	0.0196	-0.0401	0.000087	0.000029	0.000000
90	0.0000	0.0196	-0.0406	0.000147	-0.000018	0.000000
91	-0.0010	0.0183	-0.0342	0.000047	-0.000055	0.000000
92	0.0011	0.0185	-0.0342	0.000047	0.000055	-0.000001
93	-0.0004	0.0190	-0.0370	0.000006	-0.000015	0.000000
94	0.0004	0.0191	-0.0369	0.000007	0.000015	-0.000001
95	-0.0006	0.0178	-0.0401	0.000086	-0.000029	-0.000001
96	0.0005	0.0179	-0.0401	0.000087	0.000029	0.000000
97	0.0000	0.0000	-0.0342	0.000031	0.000031	0.000000
98	0.0000	0.0000	-0.0343	0.000031	-0.000032	0.000000

## 4.1.1.2 Sollecitazioni SLU

Tabella 2.I

Asta	Imp.	Fili	Sollecitazioni						
			X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	4.04	18.44	36.96	-219.16	0.21	0.56
			31	4.03	18.45	-20.08	-147.05	0.02	0.62

			63	4.03	18.45	-55.64	-81.68	-0.18	0.68
2	fondazion e	1, 2	0	3.02	11.05	-81.70	-119.65	-0.18	-0.25
			39	3.02	11.05	-113.66	-46.49	-0.10	-0.17
			78	3.02	11.05	-118.38	21.66	-0.04	-0.09
3	fondazion e	1, 2	0	2.73	-8.49	-121.01	-33.45	-0.04	0.03
			39	2.73	-8.49	-120.88	34.50	-0.07	0.11
			78	2.73	-8.49	-93.66	107.22	-0.13	0.19
4	fondazion e	1, 2	0	4.17	-21.73	-68.30	134.26	-0.13	-0.35
			31	4.17	-21.73	-16.35	199.35	-0.03	-0.29
			63	4.17	-21.73	57.01	271.35	0.05	-0.23
5	fondazion e	1, 3	0	-7.00	-19.86	2.64	-196.98	-0.10	-0.22
			30	-7.06	-19.86	-44.95	-120.06	-0.04	-0.22
			60	-7.11	-19.86	-69.21	-41.33	0.03	-0.22
6	fondazion e	1, 3	0	-2.62	-15.38	-61.06	-81.63	0.03	0.06
			30	-2.68	-15.38	-73.39	-0.03	0.02	0.06
			60	-2.73	-15.37	-60.65	85.74	0.00	0.06
7	fondazion e	2, 4	0	-6.90	18.76	13.73	-238.11	0.22	0.44
			30	-6.95	18.75	-46.21	-161.33	0.09	0.44
			60	-7.01	18.75	-82.89	-82.84	-0.05	0.44
8	fondazion e	2, 4	0	-3.59	12.88	-61.93	-77.68	-0.05	-0.02
			30	-3.65	12.88	-73.11	3.69	-0.04	-0.02
			60	-3.70	12.87	-59.28	89.29	-0.04	-0.02
9	fondazion e	3, 5	0	-16.66	12.65	37.07	-23.59	-0.17	-0.66
			32	-16.73	12.65	45.60	78.33	0.04	-0.66
			63	-16.79	12.65	87.27	185.47	0.25	-0.65
10	fondazion e	4, 6	0	-15.84	-8.94	19.41	20.92	0.32	1.28
			32	-15.91	-8.94	42.02	122.77	-0.08	1.27
			63	-15.97	-8.94	97.80	230.10	-0.48	1.27
11	fondazion e	5, 6	0	-9.34	9.42	79.21	-318.30	-0.77	-1.64
			40	-9.33	9.43	-22.69	-188.08	-0.12	-1.55
			81	-9.33	9.43	-73.98	-67.52	0.48	-1.46
12	fondazion e	5, 6	0	-7.78	-0.80	-126.83	-128.02	0.03	-0.14
			46	-7.78	-0.80	-155.81	0.02	0.07	-0.05
			91	-7.78	-0.80	-126.78	128.26	0.07	0.05
13	fondazion e	5, 6	0	-10.04	-6.30	-71.14	72.33	0.62	1.92
			40	-10.04	-6.30	-17.81	193.37	-0.17	2.01
			81	-10.06	-6.30	86.35	324.19	-1.00	2.10
14	piano l	1, 2	0	-8.27	-33.10	-201.92	514.29	-0.79	-0.37
			140	-8.27	-0.02	157.93	-0.21	-0.27	-0.37
			280	-8.27	33.05	-202.51	-514.71	0.26	-0.37
15	piano l	1, 3	0	26.70	108.07	69.13	393.82	1.14	-0.17
			60	26.70	51.37	131.36	-186.38	1.24	-0.17
			120	26.70	-5.33	-154.53	-766.58	1.34	-0.17
16	piano l	7, 1	0	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	7.09	-16.54	-110.25	0.00	0.00
			60	0.00	14.18	-66.15	-220.50	0.00	0.00
17	piano l	1, 13	0	0.00	0.00	-9.45	63.00	0.00	0.00
			15	0.00	0.00	-2.36	31.50	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
18	piano l	2, 4	0	28.19	-107.46	70.15	389.78	-0.44	0.88
			60	28.19	-50.76	129.96	-190.42	-0.97	0.88
			120	28.19	5.94	-158.36	-770.62	-1.49	0.88
19	piano l	2, 8	0	0.00	-14.18	-66.15	220.50	0.00	0.00
			30	0.00	-7.09	-16.54	110.25	0.00	0.00
			60	0.00	0.00	0.00	0.00	0.00	0.00
20	piano l	2, 14	0	0.00	0.00	-9.45	63.00	0.00	0.00
			15	0.00	0.00	-2.36	31.50	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
21	piano l	3, 5	0	62.63	-3.34	-183.87	-67.07	0.12	12.12
			32	62.63	-33.29	-253.51	-372.50	-3.72	12.12
			63	62.63	-63.23	-419.93	-677.94	-7.56	12.12



22	piano l	4, 6	0	63.94	3.12	-187.06	-54.46	-0.70	-12.13
			32	63.94	33.07	-252.70	-359.90	3.15	-12.13
			63	63.94	63.01	-415.13	-665.33	6.99	-12.13
23	piano l	5, 6	0	39.35	324.29	-351.82	908.23	0.14	-0.57
			123	39.35	0.23	209.33	0.85	0.84	-0.57
			247	39.35	-323.84	-349.71	-906.53	1.54	-0.57
24	piano l	9, 5	0	0.00	0.00	0.00	0.00	0.00	0.00
			36	0.00	-94.38	-47.50	-264.25	0.00	0.00
			72	0.00	-188.75	-190.01	-528.51	0.00	0.00
25	piano l	6, 10	0	0.00	188.75	-190.01	528.51	0.00	0.00
			36	0.00	94.38	-47.50	264.25	0.00	0.00
			72	0.00	0.00	0.00	0.00	0.00	0.00
26	piano l	1	0	-1259.11	-0.15	-34.06	27.07	70.13	8.44
			200	-1709.11	-0.15	20.08	27.07	53.26	8.44
			400	-2159.11	-0.15	74.22	27.07	36.39	8.44
27	piano l	2	0	-1255.49	-0.21	-35.55	27.81	-71.29	-9.15
			200	-1705.49	-0.21	20.08	27.81	-52.99	-9.15
			400	-2155.49	-0.21	75.70	27.81	-34.70	-9.15
28	piano l	3	0	-767.02	0.12	-90.32	35.93	-0.47	-12.28
			200	-1217.02	0.12	-18.46	35.93	24.10	-12.28
			400	-1667.02	0.12	53.40	35.93	48.67	-12.28
29	piano l	4	0	-783.66	-0.42	-89.70	35.75	1.10	13.01
			200	-1233.66	-0.42	-18.19	35.75	-24.91	13.01
			400	-1683.66	-0.42	53.31	35.75	-50.93	13.01
30	piano l	5	0	-2215.93	-0.65	171.28	-67.36	83.82	7.45
			200	-2890.93	-0.65	36.56	-67.36	68.93	7.45
			400	-3565.93	-0.65	-98.16	-67.36	54.03	7.45
31	piano l	6	0	-2201.62	-0.10	174.49	-69.47	-85.79	-8.68
			200	-2876.62	-0.10	35.55	-69.47	-68.43	-8.68
			400	-3551.62	-0.10	-103.40	-69.47	-51.07	-8.68

#### 4.1.1.3 Piastre SLU

Tabella 3.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	-0.251	-0.286	-0.135	-390.270	224.580	-144.904	8.939	11.500

#### 4.1.2 Risultati Condizioni (Carichi Permanenti - G2).

##### 4.1.2.1 Cinematismi nodali SLU

Tabella 4.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0000	-0.0005	-0.0280	-0.000033	-0.000002	0.000000
2	0.0000	-0.0005	-0.0280	-0.000033	0.000002	0.000000
3	0.0000	-0.0002	-0.0243	-0.000013	-0.000003	0.000000
4	0.0000	-0.0002	-0.0243	-0.000013	0.000003	0.000000
5	0.0000	-0.0002	-0.0233	-0.000015	-0.000003	0.000000
6	0.0000	-0.0002	-0.0234	-0.000014	0.000003	0.000000
7	0.0000	0.0000	-0.0208	-0.000020	-0.000021	0.000000
8	0.0000	0.0000	-0.0208	-0.000019	0.000021	0.000000
9	0.0000	0.0000	-0.0276	-0.000031	0.000016	0.000000
10	0.0000	0.0000	-0.0276	-0.000031	-0.000018	0.000000
11	0.0000	0.0000	-0.0280	-0.000033	-0.000002	0.000000
12	0.0000	0.0000	-0.0280	-0.000033	0.000002	0.000000
13	0.0000	0.0000	-0.0243	-0.000013	-0.000003	0.000000
14	0.0000	0.0000	-0.0243	-0.000013	0.000003	0.000000
15	0.0000	0.0000	-0.0233	-0.000015	-0.000003	0.000000
16	0.0000	0.0000	-0.0234	-0.000014	0.000003	0.000000
17	0.0000	0.0000	-0.0222	-0.000020	-0.000009	0.000000
18	0.0000	0.0000	-0.0226	-0.000010	0.000002	0.000000
19	0.0000	0.0000	-0.0227	-0.000009	-0.000003	0.000000
20	0.0000	0.0000	-0.0223	-0.000018	0.000009	0.000000
21	0.0000	0.0000	-0.0227	-0.000019	0.000021	0.000000

22	0.0000	0.0000	-0.0248	-0.000023	0.000013	0.000000
23	0.0000	0.0000	-0.0285	-0.000034	0.000000	0.000000
24	0.0000	0.0000	-0.0283	-0.000039	-0.000004	0.000000
25	0.0000	0.0000	-0.0283	-0.000039	0.000004	0.000000
26	0.0000	0.0000	-0.0285	-0.000034	0.000001	0.000000
27	0.0000	0.0000	-0.0248	-0.000024	-0.000011	0.000000
28	0.0000	0.0000	-0.0227	-0.000017	-0.000017	0.000000
29	0.0000	0.0000	-0.0279	-0.000038	0.000005	0.000000
30	0.0000	0.0000	-0.0276	-0.000040	0.000000	0.000000
31	0.0000	0.0000	-0.0278	-0.000038	-0.000005	0.000000
32	0.0000	0.0000	-0.0257	-0.000027	-0.000002	0.000000
33	0.0000	0.0000	-0.0256	-0.000026	0.000002	0.000000
34	0.0000	0.0000	-0.0231	-0.000004	0.000004	0.000000
35	0.0000	0.0000	-0.0231	-0.000004	-0.000005	0.000000
36	0.0000	0.0000	-0.0228	-0.000018	0.000007	0.000000
37	0.0000	0.0000	-0.0253	-0.000023	-0.000009	0.000000
38	0.0000	0.0000	-0.0236	-0.000017	-0.000014	0.000000
39	0.0000	0.0000	-0.0282	-0.000033	0.000000	0.000000
40	0.0000	0.0000	-0.0249	-0.000030	0.000002	0.000000
41	0.0000	0.0000	-0.0234	-0.000010	0.000005	0.000000
42	0.0000	0.0000	-0.0230	-0.000009	-0.000003	0.000000
43	0.0000	0.0000	-0.0229	-0.000007	-0.000002	0.000000
44	0.0000	0.0000	-0.0270	-0.000032	-0.000012	0.000000
45	0.0000	0.0000	-0.0227	-0.000017	-0.000017	0.000000
46	0.0000	0.0000	-0.0281	-0.000037	-0.000003	0.000000
47	0.0000	0.0000	-0.0274	-0.000031	0.000011	0.000000
48	0.0000	0.0000	-0.0267	-0.000030	0.000011	0.000000
49	0.0000	0.0000	-0.0230	-0.000017	0.000017	0.000000
50	0.0000	0.0000	-0.0223	-0.000019	0.000017	0.000000
51	0.0000	0.0000	-0.0237	-0.000010	-0.000011	0.000000
52	0.0000	0.0000	-0.0252	-0.000028	-0.000009	0.000000
53	0.0000	0.0000	-0.0253	-0.000028	0.000009	0.000000
54	0.0000	0.0000	-0.0239	-0.000011	0.000010	0.000000
55	0.0000	0.0000	-0.0280	-0.000033	-0.000002	0.000000
56	0.0000	0.0000	-0.0280	-0.000033	0.000002	0.000000
57	0.0000	0.0000	-0.0275	-0.000033	-0.000002	0.000000
58	0.0000	0.0000	-0.0245	-0.000013	-0.000003	0.000000
59	0.0000	0.0000	-0.0275	-0.000033	0.000002	0.000000
60	0.0000	0.0000	-0.0245	-0.000013	0.000003	0.000000
61	0.0000	0.0000	-0.0241	-0.000013	-0.000003	0.000000
62	0.0000	0.0000	-0.0232	-0.000015	-0.000003	0.000000
63	0.0000	0.0000	-0.0241	-0.000013	0.000003	0.000000
64	0.0000	0.0000	-0.0233	-0.000014	0.000003	0.000000
65	0.0000	0.0000	-0.0231	-0.000015	-0.000003	0.000000
66	0.0000	0.0000	-0.0232	-0.000014	0.000003	0.000000
67	0.0000	-0.0040	-0.0296	-0.000007	-0.000023	0.000000
68	0.0000	-0.0038	-0.0295	-0.000007	0.000024	-0.000001
69	-0.0001	-0.0039	-0.0291	-0.000007	-0.000023	0.000000
70	-0.0001	-0.0039	-0.0258	-0.000032	0.000003	0.000000
71	0.0000	-0.0039	-0.0279	-0.000011	-0.000014	0.000000
72	0.0000	-0.0039	-0.0289	-0.000007	-0.000023	0.000000
73	0.0000	-0.0040	-0.0293	-0.000007	-0.000023	0.000000
74	0.0000	-0.0040	-0.0296	-0.000008	-0.000023	0.000000
75	0.0001	-0.0038	-0.0291	-0.000007	0.000024	-0.000001
76	0.0000	-0.0038	-0.0258	-0.000031	-0.000003	-0.000001
77	0.0000	-0.0038	-0.0288	-0.000007	0.000024	-0.000001
78	0.0000	-0.0038	-0.0278	-0.000010	0.000014	-0.000001
79	0.0000	-0.0038	-0.0293	-0.000007	0.000024	-0.000001
80	0.0000	-0.0038	-0.0295	-0.000007	0.000024	-0.000001
81	-0.0001	-0.0039	-0.0249	-0.000032	0.000003	0.000000
82	-0.0001	-0.0039	-0.0242	0.000015	-0.000006	-0.000001
83	0.0000	-0.0038	-0.0249	-0.000031	-0.000003	-0.000001
84	0.0000	-0.0038	-0.0243	0.000016	0.000006	0.000000
85	-0.0001	-0.0038	-0.0245	0.000015	-0.000006	-0.000001
86	-0.0001	-0.0037	-0.0246	0.000016	0.000006	0.000000
87	-0.0001	-0.0039	-0.0253	0.000050	0.000019	-0.000001
88	-0.0001	-0.0038	-0.0243	0.000015	-0.000006	-0.000001
89	-0.0001	-0.0037	-0.0244	0.000016	0.000006	0.000000
90	-0.0001	-0.0037	-0.0253	0.000050	-0.000019	0.000000
91	-0.0004	-0.0038	-0.0292	-0.000007	-0.000023	0.000000
92	0.0005	-0.0037	-0.0292	-0.000007	0.000024	-0.000001
93	0.0000	-0.0034	-0.0253	-0.000032	0.000003	0.000000

<b>94</b>	-0.0001	-0.0033	-0.0254	-0.000031	-0.000003	-0.000001
<b>95</b>	-0.0002	-0.0041	-0.0243	0.000015	-0.000006	-0.000001
<b>96</b>	0.0000	-0.0040	-0.0244	0.000016	0.000006	0.000000
<b>97</b>	0.0000	0.0000	-0.0230	-0.000004	0.000004	0.000000
<b>98</b>	0.0000	0.0000	-0.0231	-0.000004	-0.000005	0.000000

#### 4.1.2.2 Sollecitazioni SLU

Tabella 5.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
<b>1</b>	fondazion e	1, 2	0	8.78	-12.48	27.17	130.09	-0.01	0.16
			31	8.77	-12.48	34.04	-86.15	-0.05	0.11
			63	8.76	-12.48	-26.73	-302.86	-0.08	0.06
<b>2</b>	fondazion e	1, 2	0	7.23	-2.06	-40.45	251.31	-0.08	0.02
			39	7.23	-2.06	4.72	-18.30	-0.07	-0.04
			78	7.23	-2.06	-54.72	-288.61	-0.04	-0.10
<b>3</b>	fondazion e	1, 2	0	7.02	3.14	-54.52	285.85	-0.04	0.06
			39	7.02	3.14	3.84	15.47	-0.05	0.00
			78	7.02	3.14	-42.45	-254.31	-0.04	-0.06
<b>4</b>	fondazion e	1, 2	0	8.65	11.02	-31.53	319.62	-0.05	0.16
			31	8.66	11.02	34.45	102.73	-0.09	0.11
			63	8.67	11.02	32.73	-113.68	-0.11	0.06
<b>5</b>	fondazion e	1, 3	0	-5.20	0.15	-19.96	131.11	-0.02	0.11
			30	-5.15	0.15	-11.23	-73.64	-0.05	0.10
			60	-5.09	0.15	-64.57	-282.56	-0.08	0.10
<b>6</b>	fondazion e	1, 3	0	-2.48	-2.52	-58.66	174.88	-0.08	-0.02
			30	-2.43	-2.52	-38.00	-37.63	-0.08	-0.02
			60	-2.38	-2.52	-81.52	-252.89	-0.07	-0.02
<b>7</b>	fondazion e	2, 4	0	-5.15	-0.08	-17.98	114.87	0.12	0.11
			30	-5.09	-0.08	-14.16	-90.09	0.09	0.11
			60	-5.04	-0.08	-72.46	-299.21	0.06	0.11
<b>8</b>	fondazion e	2, 4	0	-3.00	2.42	-59.93	184.71	0.05	0.01
			30	-2.95	2.42	-36.34	-27.91	0.05	0.01
			60	-2.90	2.42	-76.96	-243.19	0.05	0.01
<b>9</b>	fondazion e	3, 5	0	-10.98	-0.11	-28.88	264.33	-0.07	-0.62
			32	-10.93	-0.11	19.23	39.09	0.12	-0.62
			63	-10.88	-0.11	-4.33	-188.14	0.32	-0.62
<b>10</b>	fondazion e	4, 6	0	-10.32	0.12	-38.07	288.71	0.19	1.09
			32	-10.27	0.12	17.78	63.57	-0.15	1.09
			63	-10.22	0.13	2.01	-163.40	-0.49	1.09
<b>11</b>	fondazion e	5, 6	0	-1.55	19.29	-8.97	272.03	-0.52	-0.90
			40	-1.55	19.29	38.51	-36.79	-0.15	-0.95
			81	-1.55	19.29	-38.74	-346.02	0.25	-1.01
<b>12</b>	fondazion e	5, 6	0	-0.35	-0.82	-74.42	350.98	0.08	0.03
			46	-0.35	-0.82	5.84	1.17	0.08	-0.04
			91	-0.35	-0.82	-73.32	-348.45	0.12	-0.11
<b>13</b>	fondazion e	5, 6	0	-1.97	-17.11	-34.88	345.85	0.34	1.34
			40	-1.97	-17.11	42.39	37.06	-0.19	1.28
			81	-1.97	-17.11	-4.87	-271.22	-0.69	1.23
<b>14</b>	piano l	1, 2	0	-25.37	-33.48	-149.35	355.41	-1.32	-0.27
			140	-25.37	0.12	99.30	-0.19	-0.94	-0.27
			280	-25.37	33.72	-149.88	-355.79	-0.56	-0.27
<b>15</b>	piano l	1, 3	0	17.99	74.13	38.41	321.64	2.11	3.38
			60	17.99	34.53	90.64	-147.56	0.08	3.38
			120	17.99	-5.07	-138.65	-616.76	-1.95	3.38

16	piano l	7, 1	0	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	7.20	-11.43	-76.20	0.00	0.00
			60	0.00	14.40	-45.72	-152.40	0.00	0.00
17	piano l	1, 13	0	0.00	0.00	-6.48	43.20	0.00	0.00
			15	0.00	0.00	-1.62	21.60	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
18	piano l	2, 4	0	18.81	-74.02	38.41	320.69	-1.60	-2.99
			60	18.81	-34.42	90.07	-148.51	0.19	-2.99
			120	18.81	5.18	-139.79	-617.71	1.98	-2.99
19	piano l	2, 8	0	0.00	-14.40	-45.72	152.40	0.00	0.00
			30	0.00	-7.20	-11.43	76.20	0.00	0.00
			60	0.00	0.00	0.00	0.00	0.00	0.00
20	piano l	2, 14	0	0.00	0.00	-6.48	43.20	0.00	0.00
			15	0.00	0.00	-1.62	21.60	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
21	piano l	3, 5	0	40.43	-0.88	-151.36	143.70	-2.65	3.39
			32	40.43	-21.80	-144.90	-102.95	-3.72	3.39
			63	40.43	-42.71	-216.60	-349.59	-4.79	3.39
22	piano l	4, 6	0	40.94	1.02	-152.48	150.26	2.33	-2.90
			32	40.94	21.93	-143.95	-96.39	3.25	-2.90
			63	40.94	42.85	-213.56	-343.03	4.16	-2.90
23	piano l	5, 6	0	1.07	185.34	-196.46	487.15	1.42	-0.46
			123	1.07	0.16	104.70	0.75	1.99	-0.46
			247	1.07	-185.02	-194.61	-485.66	2.56	-0.46
24	piano l	9, 5	0	0.00	0.00	0.00	0.00	0.00	0.00
			36	0.00	-53.93	-25.46	-141.65	0.00	0.00
			72	0.00	-107.86	-101.86	-283.31	0.00	0.00
25	piano l	6, 10	0	0.00	107.86	-101.86	283.31	0.00	0.00
			36	0.00	53.93	-25.46	141.65	0.00	0.00
			72	0.00	0.00	0.00	0.00	0.00	0.00
26	piano l	1	0	-872.66	-0.01	-22.86	18.26	55.52	21.99
			200	-872.66	-0.01	13.66	18.26	11.54	21.99
			400	-872.66	-0.01	50.18	18.26	-32.44	21.99
27	piano l	2	0	-872.08	-0.27	-23.22	18.53	-56.15	-22.39
			200	-872.08	-0.27	13.85	18.53	-11.38	-22.39
			400	-872.08	-0.27	50.92	18.53	33.40	-22.39
28	piano l	3	0	-760.45	0.02	-54.89	22.45	-3.14	0.00
			200	-760.45	0.02	-10.00	22.45	-3.13	0.00
			400	-760.45	0.02	34.90	22.45	-3.13	0.00
29	piano l	4	0	-767.96	-0.24	-54.11	22.14	3.07	-0.08
			200	-767.96	-0.24	-9.83	22.14	3.24	-0.08
			400	-767.96	-0.24	34.45	22.14	3.41	-0.08
30	piano l	5	0	-1120.06	-0.87	111.58	-33.46	58.13	21.99
			200	-1120.06	-0.87	44.67	-33.46	14.14	21.99
			400	-1120.06	-0.87	-22.25	-33.46	-29.84	21.99
31	piano l	6	0	-1112.00	0.32	114.08	-34.94	-58.47	-22.29
			200	-1112.00	0.32	44.19	-34.94	-13.88	-22.29
			400	-1112.00	0.32	-25.69	-34.94	30.70	-22.29

#### 4.1.2.3 Piastre SLU

Tabella 6.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm] 	M2-2 [daNcm/cm] 	M1-2 [daNcm/cm] 	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.280	-0.198	-0.115	159.123	-154.988	-75.749	-3.682	-5.927

#### 4.1.3 Risultati Condizioni (Carichi d'Esercizio).

##### 4.1.3.1 Cinematismi nodali SLU

Tabella 7.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0002	0.0002	-0.0072	0.000015	0.000014	0.000000
2	0.0002	0.0002	-0.0072	0.000015	-0.000014	0.000000
3	-0.0001	0.0004	-0.0100	0.000026	0.000009	0.000000

4	0.0001	0.0004	-0.0100	0.000026	-0.000010	0.000000
5	-0.0002	0.0003	-0.0116	0.000020	0.000012	0.000000
6	0.0002	0.0003	-0.0117	0.000020	-0.000012	0.000000
7	0.0000	0.0000	-0.0132	0.000018	0.000002	0.000000
8	0.0000	0.0000	-0.0132	0.000018	-0.000002	0.000000
9	0.0000	0.0000	-0.0078	0.000013	-0.000008	0.000000
10	0.0000	0.0000	-0.0078	0.000013	0.000007	0.000000
11	0.0000	0.0000	-0.0072	0.000015	0.000014	0.000000
12	0.0000	0.0000	-0.0072	0.000015	-0.000014	0.000000
13	0.0000	0.0000	-0.0100	0.000026	0.000009	0.000000
14	0.0000	0.0000	-0.0100	0.000026	-0.000010	0.000000
15	0.0000	0.0000	-0.0116	0.000020	0.000012	0.000000
16	0.0000	0.0000	-0.0117	0.000020	-0.000012	0.000000
17	0.0000	0.0000	-0.0126	0.000015	0.000011	0.000000
18	0.0000	0.0000	-0.0116	0.000019	0.000010	0.000000
19	0.0000	0.0000	-0.0115	0.000019	-0.000011	0.000000
20	0.0000	0.0000	-0.0126	0.000017	-0.000011	0.000000
21	0.0000	0.0000	-0.0112	0.000020	-0.000003	0.000000
22	0.0000	0.0000	-0.0093	0.000019	-0.000009	0.000000
23	0.0000	0.0000	-0.0067	0.000015	-0.000015	0.000000
24	0.0000	0.0000	-0.0056	0.000019	-0.000008	0.000000
25	0.0000	0.0000	-0.0056	0.000018	0.000008	0.000000
26	0.0000	0.0000	-0.0067	0.000015	0.000015	0.000000
27	0.0000	0.0000	-0.0093	0.000018	0.000009	0.000000
28	0.0000	0.0000	-0.0112	0.000021	0.000005	0.000000
29	0.0000	0.0000	-0.0062	0.000017	0.000012	0.000000
30	0.0000	0.0000	-0.0057	0.000019	0.000000	0.000000
31	0.0000	0.0000	-0.0061	0.000017	-0.000012	0.000000
32	0.0000	0.0000	-0.0083	0.000017	0.000011	0.000000
33	0.0000	0.0000	-0.0083	0.000017	-0.000011	0.000000
34	0.0000	0.0000	-0.0104	0.000020	0.000011	0.000000
35	0.0000	0.0000	-0.0104	0.000020	-0.000011	0.000000
36	0.0000	0.0000	-0.0121	0.000016	-0.000011	0.000000
37	0.0000	0.0000	-0.0088	0.000018	0.000010	0.000000
38	0.0000	0.0000	-0.0107	0.000023	0.000006	0.000000
39	0.0000	0.0000	-0.0070	0.000015	-0.000015	0.000000
40	0.0000	0.0000	-0.0072	0.000020	0.000002	0.000000
41	0.0000	0.0000	-0.0087	0.000021	0.000005	0.000000
42	0.0000	0.0000	-0.0112	0.000019	-0.000013	0.000000
43	0.0000	0.0000	-0.0108	0.000020	-0.000005	0.000000
44	0.0000	0.0000	-0.0079	0.000014	0.000009	0.000000
45	0.0000	0.0000	-0.0119	0.000020	0.000004	0.000000
46	0.0000	0.0000	-0.0062	0.000017	-0.000012	0.000000
47	0.0000	0.0000	-0.0077	0.000014	-0.000010	0.000000
48	0.0000	0.0000	-0.0081	0.000014	-0.000009	0.000000
49	0.0000	0.0000	-0.0118	0.000021	-0.000003	0.000000
50	0.0000	0.0000	-0.0124	0.000018	-0.000005	0.000000
51	0.0000	0.0000	-0.0090	0.000022	-0.000011	0.000000
52	0.0000	0.0000	-0.0075	0.000020	-0.000009	0.000000
53	0.0000	0.0000	-0.0076	0.000020	0.000010	0.000000
54	0.0000	0.0000	-0.0092	0.000022	0.000012	0.000000
55	0.0000	0.0000	-0.0070	0.000015	0.000014	0.000000
56	0.0000	0.0000	-0.0070	0.000015	-0.000014	0.000000
57	0.0000	0.0000	-0.0074	0.000015	0.000014	0.000000
58	0.0000	0.0000	-0.0096	0.000026	0.000009	0.000000
59	0.0000	0.0000	-0.0074	0.000015	-0.000014	0.000000
60	0.0000	0.0000	-0.0096	0.000026	-0.000010	0.000000
61	0.0000	0.0000	-0.0104	0.000026	0.000009	0.000000
62	0.0000	0.0000	-0.0119	0.000020	0.000012	0.000000
63	0.0000	0.0000	-0.0103	0.000026	-0.000010	0.000000
64	0.0000	0.0000	-0.0119	0.000020	-0.000012	0.000000
65	0.0000	0.0000	-0.0117	0.000020	0.000012	0.000000
66	0.0000	0.0000	-0.0118	0.000020	-0.000012	0.000000
67	0.0000	0.0147	-0.0086	0.000032	-0.000021	0.000000
68	0.0000	0.0147	-0.0086	0.000032	0.000021	0.000000
69	-0.0001	0.0145	-0.0086	0.000032	-0.000021	0.000000
70	-0.0001	0.0145	-0.0103	0.000010	-0.000001	0.000000
71	0.0000	0.0147	-0.0070	0.000029	-0.000014	0.000000
72	0.0000	0.0147	-0.0080	0.000032	-0.000021	0.000000
73	0.0000	0.0147	-0.0077	0.000032	-0.000021	0.000000
74	0.0000	0.0147	-0.0067	0.000032	-0.000021	0.000000
75	0.0001	0.0146	-0.0086	0.000032	0.000021	0.000000

76	0.0001	0.0146	-0.0103	0.000010	0.000001	0.000000
77	0.0000	0.0147	-0.0080	0.000032	0.000021	0.000000
78	0.0000	0.0147	-0.0070	0.000029	0.000014	0.000000
79	0.0000	0.0147	-0.0077	0.000032	0.000021	0.000000
80	0.0000	0.0147	-0.0067	0.000032	0.000021	0.000000
81	-0.0001	0.0145	-0.0106	0.000010	-0.000001	0.000000
82	-0.0001	0.0145	-0.0128	0.000066	-0.000013	-0.000001
83	0.0001	0.0146	-0.0106	0.000010	0.000001	0.000000
84	0.0001	0.0146	-0.0128	0.000066	0.000013	0.000000
85	0.0000	0.0149	-0.0136	0.000066	-0.000013	-0.000001
86	0.0000	0.0149	-0.0136	0.000066	0.000013	0.000000
87	0.0000	0.0148	-0.0139	0.000112	0.000018	-0.000001
88	0.0000	0.0148	-0.0132	0.000066	-0.000013	-0.000001
89	0.0000	0.0149	-0.0132	0.000066	0.000013	0.000000
90	0.0000	0.0149	-0.0139	0.000112	-0.000018	0.000000
91	-0.0004	0.0140	-0.0081	0.000032	-0.000021	0.000000
92	0.0004	0.0141	-0.0081	0.000032	0.000021	0.000000
93	-0.0001	0.0144	-0.0105	0.000010	-0.000001	0.000000
94	0.0001	0.0144	-0.0105	0.000010	0.000001	0.000000
95	-0.0003	0.0136	-0.0130	0.000066	-0.000013	-0.000001
96	0.0002	0.0136	-0.0130	0.000066	0.000013	0.000000
97	0.0000	0.0000	-0.0106	0.000020	0.000011	0.000000
98	0.0000	0.0000	-0.0107	0.000020	-0.000011	0.000000

#### 4.1.3.2 Sollecitazioni SLU

Tabella 8.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	3.12	4.87	7.58	-69.31	0.10	0.29
			31	3.12	4.87	-9.06	-37.50	0.00	0.34
			63	3.12	4.87	-16.07	-7.70	-0.11	0.38
2	fondazione	1, 2	0	2.64	3.46	-22.44	-46.88	-0.11	-0.16
			39	2.64	3.46	-33.82	-12.21	-0.06	-0.10
			78	2.64	3.46	-32.09	21.02	-0.03	-0.04
3	fondazione	1, 2	0	2.44	-2.75	-32.83	-24.73	-0.03	0.02
			39	2.44	-2.74	-36.01	8.43	-0.05	0.08
			78	2.44	-2.74	-26.11	42.98	-0.09	0.13
4	fondazione	1, 2	0	3.11	-6.00	-19.57	23.07	-0.09	-0.27
			31	3.11	-6.00	-7.77	52.81	-0.01	-0.23
			63	3.12	-6.00	13.64	84.59	0.05	-0.18
5	fondazione	1, 3	0	-4.60	-6.36	9.91	-84.33	-0.08	-0.16
			30	-4.64	-6.36	-10.27	-49.89	-0.03	-0.16
			60	-4.68	-6.36	-19.81	-13.43	0.02	-0.16
6	fondazione	1, 3	0	-1.47	-4.78	-14.07	-82.01	0.02	0.12
			30	-1.52	-4.78	-32.92	-43.24	-0.01	0.12
			60	-1.56	-4.78	-39.73	-1.69	-0.05	0.12
7	fondazione	2, 4	0	-4.44	6.07	12.35	-95.35	0.11	0.21
			30	-4.48	6.07	-11.14	-60.96	0.04	0.22
			60	-4.53	6.07	-24.01	-24.57	-0.02	0.22
8	fondazione	2, 4	0	-2.11	3.80	-14.64	-78.02	-0.03	-0.10
			30	-2.15	3.80	-32.30	-39.32	0.01	-0.10
			60	-2.19	3.80	-37.94	2.19	0.04	-0.11
9	fondazione	3, 5	0	-12.07	6.64	8.72	2.13	-0.13	-0.62
			32	-12.12	6.64	17.40	53.27	0.07	-0.62
			63	-12.17	6.64	42.87	108.00	0.26	-0.62
10	fondazione	4, 6	0	-11.73	-5.41	1.61	18.92	0.18	0.79
			32	-11.77	-5.41	15.61	70.03	-0.07	0.79
			63	-11.82	-5.41	46.39	124.81	-0.32	0.79

11	fondazion e	5, 6	0	-4.78	1.19	36.75	-145.89	-0.58	-1.18
			40	-4.77	1.19	-8.02	-76.45	-0.12	-1.12
			81	-4.77	1.19	-25.45	-10.43	0.32	-1.05
12	fondazion e	5, 6	0	-3.33	-0.17	-40.74	-72.02	0.05	-0.10
			46	-3.33	-0.17	-57.17	-0.38	0.08	-0.03
			91	-3.33	-0.17	-41.08	71.32	0.08	0.04
13	fondazion e	5, 6	0	-4.92	-0.14	-25.00	12.89	0.37	1.19
			40	-4.92	-0.14	-6.55	79.05	-0.13	1.25
			81	-4.92	-0.14	39.32	148.70	-0.65	1.32
14	piano l	1, 2	0	-6.83	-25.21	-115.71	279.93	-0.29	-0.12
			140	-6.83	-0.01	80.19	-0.07	-0.12	-0.12
			280	-6.83	25.19	-115.90	-280.07	0.05	-0.12
15	piano l	1, 3	0	17.72	70.28	40.44	230.66	0.58	0.19
			60	17.72	27.08	74.44	-117.34	0.47	0.19
			120	17.72	-16.12	-100.37	-465.34	0.35	0.19
16	piano l	7, 1	0	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	5.40	-9.00	-60.00	0.00	0.00
			60	0.00	10.80	-36.00	-120.00	0.00	0.00
17	piano l	1, 13	0	0.00	0.00	-3.60	24.00	0.00	0.00
			15	0.00	0.00	-0.90	12.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
18	piano l	2, 4	0	18.27	-70.08	40.86	229.21	-0.34	0.06
			60	18.27	-26.88	73.98	-118.79	-0.38	0.06
			120	18.27	16.32	-101.69	-466.79	-0.41	0.06
19	piano l	2, 8	0	0.00	-10.80	-36.00	120.00	0.00	0.00
			30	0.00	-5.40	-9.00	60.00	0.00	0.00
			60	0.00	0.00	0.00	0.00	0.00	0.00
20	piano l	2, 14	0	0.00	0.00	-3.60	24.00	0.00	0.00
			15	0.00	0.00	-0.90	12.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
21	piano l	3, 5	0	45.23	-6.81	-118.08	-103.81	-0.37	7.28
			32	45.23	-29.62	-179.99	-286.96	-2.68	7.28
			63	45.23	-52.43	-299.93	-470.10	-4.98	7.28
22	piano l	4, 6	0	45.81	6.75	-119.08	-99.58	0.19	-7.27
			32	45.81	29.56	-179.65	-282.73	2.49	-7.27
			63	45.81	52.37	-298.25	-465.87	4.80	-7.27
23	piano l	5, 6	0	18.76	246.97	-234.21	592.84	1.16	-0.19
			123	18.76	0.06	131.90	0.26	1.39	-0.19
			247	18.76	-246.85	-233.55	-592.31	1.62	-0.19
24	piano l	9, 5	0	0.00	0.00	0.00	0.00	0.00	0.00
			36	0.00	-71.91	-31.02	-172.57	0.00	0.00
			72	0.00	-143.81	-124.09	-345.15	0.00	0.00
25	piano l	6, 10	0	0.00	143.81	-124.09	345.15	0.00	0.00
			36	0.00	71.91	-31.02	172.57	0.00	0.00
			72	0.00	0.00	0.00	0.00	0.00	0.00
26	piano l	1	0	-654.59	-0.04	-26.38	17.84	32.11	6.64
			200	-654.59	-0.04	9.30	17.84	18.83	6.64
			400	-654.59	-0.04	44.98	17.84	5.55	6.64
27	piano l	2	0	-653.28	-0.06	-26.94	18.15	-32.50	-6.88
			200	-653.28	-0.06	9.35	18.15	-18.73	-6.88
			400	-653.28	-0.06	45.64	18.15	-4.96	-6.88
28	piano l	3	0	-361.53	0.06	-63.54	27.52	-9.01	-7.09
			200	-361.53	0.06	-8.50	27.52	5.17	-7.09
			400	-361.53	0.06	46.53	27.52	19.36	-7.09
29	piano l	4	0	-367.21	-0.15	-63.44	27.54	9.20	7.33
			200	-367.21	-0.15	-8.36	27.54	-5.45	7.33
			400	-367.21	-0.15	46.72	27.54	-20.11	7.33
30	piano l	5	0	-1408.09	-0.53	139.57	-44.75	60.86	12.58
			200	-1408.09	-0.53	50.07	-44.75	35.70	12.58
			400	-1408.09	-0.53	-39.44	-44.75	10.54	12.58
31	piano l	6	0	-1403.33	0.31	140.70	-45.58	-61.61	-13.05
			200	-1403.33	0.31	49.55	-45.58	-35.51	-13.05
			400	-1403.33	0.31	-41.60	-45.58	-9.40	-13.05

## 4.1.3.3 Piastre SLU

Tabella 9.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.118	-0.199	-0.108	-139.765	84.517	-52.896	2.718	-4.202

#### 4.1.4 Risultati Condizioni (Delta Termico).

##### 4.1.4.1 Cinematismi nodali SLU

Tabella 10.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0149	-0.0125	0.0000	-0.000001	0.000002	0.000002
2	0.0150	-0.0125	0.0000	-0.000001	-0.000002	-0.000002
3	-0.0152	0.0018	0.0000	0.000000	0.000002	0.000020
4	0.0152	0.0017	0.0000	0.000000	-0.000002	-0.000020
5	-0.0134	0.0092	0.0000	0.000002	0.000002	-0.000006
6	0.0134	0.0092	0.0000	0.000002	-0.000002	0.000006
7	-0.0226	0.0151	-0.0002	0.000001	0.000001	0.000000
8	0.0226	0.0151	-0.0002	0.000001	-0.000001	0.000000
9	0.0223	-0.0144	-0.0002	-0.000001	-0.000001	0.000000
10	-0.0223	-0.0144	-0.0002	-0.000001	0.000001	0.000000
11	-0.0149	-0.0125	0.0000	-0.000001	0.000002	0.000002
12	0.0149	-0.0125	0.0000	-0.000001	-0.000002	-0.000002
13	-0.0151	0.0017	0.0000	0.000000	0.000002	0.000020
14	0.0151	0.0017	0.0000	0.000000	-0.000002	-0.000020
15	-0.0134	0.0092	0.0000	0.000002	0.000002	-0.000006
16	0.0134	0.0092	0.0000	0.000002	-0.000002	0.000006
17	-0.0136	0.0150	-0.0001	0.000001	0.000001	0.000000
18	-0.0046	0.0153	0.0000	0.000001	0.000001	0.000000
19	0.0046	0.0153	0.0000	0.000001	-0.000001	0.000000
20	0.0136	0.0150	-0.0001	0.000001	-0.000002	0.000000
21	0.0227	0.0052	-0.0001	0.000001	-0.000001	0.000000
22	0.0227	-0.0045	-0.0001	0.000000	-0.000001	0.000000
23	0.0134	-0.0141	0.0000	-0.000001	-0.000001	0.000000
24	0.0047	-0.0145	0.0000	-0.000001	0.000000	0.000000
25	-0.0047	-0.0144	0.0000	-0.000001	0.000000	0.000000
26	-0.0134	-0.0141	0.0000	-0.000001	0.000001	0.000000
27	-0.0227	-0.0046	-0.0001	0.000000	0.000001	0.000000
28	-0.0227	0.0052	-0.0001	0.000001	0.000001	0.000000
29	-0.0078	-0.0128	0.0000	-0.000001	0.000000	0.000005
30	0.0000	-0.0130	0.0000	-0.000001	0.000000	0.000000
31	0.0078	-0.0129	0.0000	-0.000001	0.000000	-0.000005
32	-0.0152	-0.0054	0.0000	0.000000	0.000001	-0.000013
33	0.0152	-0.0054	0.0000	0.000000	-0.000001	0.000012
34	-0.0045	0.0096	0.0001	0.000001	0.000000	-0.000014
35	0.0045	0.0096	0.0001	0.000001	0.000000	0.000014
36	0.0135	0.0121	-0.0001	0.000001	-0.000002	0.000000
37	-0.0190	-0.0050	0.0000	0.000000	0.000001	0.000000
38	-0.0189	0.0035	-0.0001	0.000001	0.000001	0.000000
39	0.0141	-0.0133	0.0000	-0.000001	-0.000002	0.000000
40	-0.0015	-0.0055	0.0001	-0.000001	0.000000	0.000000
41	-0.0029	0.0021	0.0001	0.000000	0.000000	0.000000
42	0.0060	0.0124	0.0000	0.000001	-0.000001	0.000000
43	0.0020	0.0124	0.0000	0.000001	0.000000	0.000000
44	-0.0188	-0.0106	-0.0001	-0.000001	0.000001	0.000000
45	-0.0183	0.0093	-0.0001	0.000001	0.000001	0.000000
46	0.0089	-0.0135	0.0000	-0.000001	-0.000001	0.000000
47	0.0183	-0.0119	-0.0001	-0.000001	-0.000001	0.000000
48	0.0187	-0.0097	-0.0001	-0.000001	-0.000001	0.000000
49	0.0181	0.0086	-0.0001	0.000001	-0.000001	0.000000
50	0.0181	0.0119	-0.0001	0.000001	-0.000001	0.000000
51	0.0059	0.0020	0.0001	0.000000	0.000000	0.000000
52	0.0067	-0.0054	0.0001	0.000000	0.000000	0.000000
53	-0.0078	-0.0054	0.0001	0.000000	0.000001	0.000000
54	-0.0080	0.0020	0.0001	0.000000	0.000001	0.000000
55	-0.0149	-0.0125	0.0000	-0.000001	0.000002	0.000002
56	0.0149	-0.0125	0.0000	-0.000001	-0.000002	-0.000002
57	-0.0149	-0.0125	0.0000	-0.000001	0.000002	0.000002
58	-0.0154	0.0017	0.0000	0.000000	0.000002	0.000020



59	0.0149	-0.0125	0.0000	-0.000001	-0.000002	-0.000002
60	0.0154	0.0017	0.0000	0.000000	-0.000002	-0.000020
61	-0.0148	0.0017	0.0000	0.000000	0.000002	0.000020
62	-0.0134	0.0091	-0.0001	0.000002	0.000002	-0.000006
63	0.0148	0.0017	0.0000	0.000000	-0.000002	-0.000020
64	0.0134	0.0091	-0.0001	0.000002	-0.000002	0.000006
65	-0.0134	0.0093	0.0000	0.000002	0.000002	-0.000006
66	0.0134	0.0093	0.0000	0.000002	-0.000002	0.000006
67	-0.0210	-0.0162	0.0602	-0.000004	0.000016	0.000008
68	0.0210	-0.0162	0.0602	-0.000004	-0.000016	-0.000008
69	-0.0208	-0.0160	0.0600	-0.000004	0.000016	0.000008
70	-0.0195	0.0020	0.0601	0.000003	0.000015	0.000012
71	-0.0300	-0.0154	0.0588	-0.000004	0.000016	0.000008
72	-0.0210	-0.0159	0.0597	-0.000004	0.000016	0.000008
73	-0.0211	-0.0160	0.0599	-0.000004	0.000016	0.000008
74	-0.0214	-0.0205	0.0597	-0.000004	0.000016	0.000008
75	0.0208	-0.0160	0.0600	-0.000004	-0.000016	-0.000008
76	0.0195	0.0020	0.0601	0.000003	-0.000015	-0.000012
77	0.0210	-0.0159	0.0597	-0.000004	-0.000016	-0.000008
78	0.0300	-0.0154	0.0588	-0.000004	-0.000016	-0.000008
79	0.0211	-0.0160	0.0599	-0.000004	-0.000016	-0.000008
80	0.0214	-0.0205	0.0597	-0.000004	-0.000016	-0.000008
81	-0.0191	0.0020	0.0600	0.000003	0.000015	0.000012
82	-0.0185	0.0115	0.0597	0.000006	0.000015	0.000006
83	0.0191	0.0020	0.0600	0.000003	-0.000015	-0.000012
84	0.0185	0.0115	0.0597	0.000006	-0.000015	-0.000006
85	-0.0185	0.0113	0.0601	0.000006	0.000015	0.000006
86	0.0185	0.0113	0.0601	0.000006	-0.000015	-0.000006
87	-0.0293	0.0120	0.0585	0.000006	0.000015	0.000006
88	-0.0185	0.0115	0.0596	0.000006	0.000015	0.000006
89	0.0185	0.0115	0.0596	0.000006	-0.000015	-0.000006
90	0.0293	0.0120	0.0585	0.000006	-0.000015	-0.000006
91	-0.0207	-0.0160	0.0599	-0.000004	0.000016	0.000008
92	0.0207	-0.0160	0.0599	-0.000004	-0.000016	-0.000008
93	-0.0191	0.0019	0.0600	0.000003	0.000015	0.000012
94	0.0191	0.0019	0.0600	0.000003	-0.000015	-0.000012
95	-0.0183	0.0113	0.0600	0.000006	0.000015	0.000006
96	0.0183	0.0113	0.0600	0.000006	-0.000015	-0.000006
97	-0.0047	0.0096	0.0001	0.000001	0.000000	-0.000014
98	0.0047	0.0096	0.0001	0.000001	0.000000	0.000014

#### 4.1.4.2 Sollecitazioni SLU

Tabella 11.I

Asta	Imp.	Fili	X [cm]	N [daN]	Sollecitazioni				
					Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	2030.72	0.67	-5.62	-4.22	22.05	32.00
			31	1999.97	0.67	-2.32	-4.22	7.46	61.43
			63	1977.58	0.67	-0.30	-4.33	-16.39	91.30
2	fondazione	1, 2	0	74.55	-0.01	-1.21	-3.66	-16.14	-48.24
			39	57.62	-0.01	-0.12	-3.84	-4.71	-10.70
			78	52.00	-0.01	-0.81	-4.04	-7.87	27.06
3	fondazione	1, 2	0	20.08	-0.02	-0.73	4.05	-7.87	-28.04
			39	25.74	-0.02	-0.05	3.85	-4.33	9.73
			78	42.70	-0.02	-1.14	3.68	-15.39	47.29
4	fondazione	1, 2	0	2014.35	-0.58	-0.28	4.48	-15.62	-84.92
			31	2036.76	-0.58	-2.26	4.38	6.23	-55.00
			63	2067.55	-0.58	-5.51	4.38	18.80	-25.49
5	fondazione	1, 3	0	2608.99	-0.69	-4.75	-2.58	-29.36	9.42
			30	2584.91	-0.69	-1.91	-2.52	-27.17	-24.09
			60	2568.82	-0.69	-0.25	-2.52	-14.87	-58.02
6	fondazione	1, 3	0	2673.35	0.51	-0.72	-2.52	-15.30	-222.96

			30	2665.26	0.51	-0.27	-2.54	56.77	-257.68
			60	2665.18	0.51	-1.02	-2.56	139.34	-292.74
7	fondazione	2, 4	0	2669.64	0.62	-4.47	-3.04	26.53	-19.51
			30	2645.52	0.62	-1.76	-2.98	27.36	14.01
			60	2629.41	0.62	-0.23	-2.98	18.09	47.92
8	fondazione	2, 4	0	2665.44	-0.45	-0.67	-2.99	18.75	231.81
			30	2657.34	-0.45	-0.36	-3.01	-55.98	266.49
			60	2657.26	-0.45	-1.25	-3.03	-141.19	301.54
9	fondazione	3, 5	0	2272.58	0.58	-3.70	8.25	120.61	544.20
			32	2281.08	0.58	-2.36	8.28	-46.35	510.01
			63	2298.31	0.58	-2.29	8.46	-202.83	477.88
10	fondazione	4, 6	0	2262.91	-0.71	-3.87	8.96	-123.00	-550.14
			32	2271.39	-0.71	-2.31	8.99	45.84	-515.95
			63	2288.61	-0.71	-2.02	9.18	204.19	-483.81
11	fondazione	5, 6	0	1208.18	-0.79	-4.99	-6.12	37.38	136.88
			40	1174.14	-0.79	-2.36	-6.20	-12.19	108.63
			81	1153.34	-0.79	-1.79	-6.48	-50.30	80.00
12	fondazione	5, 6	0	408.64	-0.02	-1.02	0.32	38.17	34.69
			46	400.64	-0.02	0.24	-0.05	29.98	1.07
			91	408.67	-0.02	-1.07	-0.43	37.19	-32.53
13	fondazione	5, 6	0	1137.80	0.81	-1.84	6.23	-49.53	-77.92
			40	1158.62	0.81	-2.51	5.93	-12.26	-106.53
			81	1192.67	0.81	-5.25	5.84	36.47	-134.75
14	piano l	1, 2	0	-14.99	0.00	-5.57	0.00	-9.93	0.01
			140	-14.99	0.00	-5.57	0.00	-9.95	0.01
			280	-14.99	0.00	-5.57	0.00	-9.97	0.01
15	piano l	1, 3	0	-4.62	-0.76	-8.57	3.97	10.28	10.59
			60	-4.62	-0.76	-6.19	3.97	3.93	10.59
			120	-4.62	-0.76	-3.81	3.97	-2.43	10.59
16	piano l	7, 1	0	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
			60	0.00	0.00	0.00	0.00	0.00	0.00
17	piano l	1, 13	0	0.00	0.00	0.00	0.00	0.00	0.00
			15	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
18	piano l	2, 4	0	-4.63	0.74	-8.53	3.92	-10.26	-10.59
			60	-4.63	0.74	-6.18	3.92	-3.90	-10.59
			120	-4.63	0.74	-3.83	3.92	2.45	-10.59
19	piano l	2, 8	0	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
			60	0.00	0.00	0.00	0.00	0.00	0.00
20	piano l	2, 14	0	0.00	0.00	0.00	0.00	0.00	0.00
			15	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
21	piano l	3, 5	0	-5.37	0.20	-5.48	0.02	-7.05	9.40
			32	-5.37	0.20	-5.48	0.02	-10.03	9.40
			63	-5.37	0.20	-5.47	0.02	-13.00	9.40
22	piano l	4, 6	0	-5.38	-0.19	-5.51	0.03	7.03	-9.38
			32	-5.38	-0.19	-5.51	0.03	10.00	-9.38
			63	-5.38	-0.19	-5.50	0.03	12.97	-9.38
23	piano l	5, 6	0	2.92	0.00	-5.92	0.00	-9.07	0.00
			123	2.92	0.00	-5.93	0.00	-9.07	0.00
			247	2.92	0.00	-5.93	0.00	-9.07	0.00
24	piano l	9, 5	0	0.00	0.00	0.00	0.00	0.00	0.00
			36	0.00	0.00	0.00	0.00	0.00	0.00
			72	0.00	0.00	0.00	0.00	0.00	0.00
25	piano l	6, 10	0	0.00	0.00	0.00	0.00	0.00	0.00
			36	0.00	0.00	0.00	0.00	0.00	0.00
			72	0.00	0.00	0.00	0.00	0.00	0.00
26	piano l	1	0	-3.97	1.19	8.47	-4.64	5.00	4.40
			200	-3.97	1.19	-0.80	-4.64	-3.80	4.40
			400	-3.97	1.19	-10.08	-4.64	-12.59	4.40
27	piano l	2	0	-3.92	-1.13	8.43	-4.62	-4.98	-4.39
			200	-3.92	-1.13	-0.81	-4.62	3.81	-4.39
			400	-3.92	-1.13	-10.05	-4.62	12.59	-4.39
28	piano l	3	0	3.95	-1.58	2.16	-0.74	-1.14	1.19

			200	3.95	-1.58	0.67	-0.74	-3.52	1.19
			400	3.95	-1.58	-0.82	-0.74	-5.91	1.19
29	piano I	4	0	3.90	1.54	2.17	-0.75	1.11	-1.21
			200	3.90	1.54	0.67	-0.75	3.54	-1.21
			400	3.90	1.54	-0.83	-0.75	5.97	-1.21
30	piano I	5	0	0.02	5.05	-6.68	7.89	2.25	2.93
			200	0.02	5.05	9.09	7.89	-3.60	2.93
			400	0.02	5.05	24.86	7.89	-9.46	2.93
31	piano I	6	0	0.02	-5.01	-6.71	7.89	-2.23	-2.90
			200	0.02	-5.01	9.08	7.89	3.57	-2.90
			400	0.02	-5.01	24.86	7.89	9.37	-2.90

#### 4.1.4.3 Piastre SLU

Tabella 12.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	-29.967	-24.431	25.148	-5.803	-4.328	-4.635	0.216	0.295

#### 4.1.5 Risultati Condizioni (Torsione Accidentale X).

##### 4.1.5.1 Cinematismi nodali SLV

Tabella 13.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0044	-0.0043	-0.0018	-0.000027	-0.000012	-0.000028
2	0.0044	0.0043	0.0018	0.000026	-0.000012	-0.000028
3	0.0007	-0.0043	0.0012	-0.000028	-0.000014	-0.000026
4	0.0007	0.0043	-0.0012	0.000027	-0.000014	-0.000026
5	-0.0011	-0.0040	0.0033	-0.000037	-0.000021	-0.000030
6	-0.0011	0.0040	-0.0033	0.000037	-0.000021	-0.000030
7	-0.0029	-0.0058	0.0066	-0.000034	-0.000012	0.000000
8	-0.0029	0.0058	-0.0065	0.000033	-0.000011	0.000000
9	0.0046	0.0058	0.0014	0.000020	-0.000011	0.000000
10	0.0046	-0.0058	-0.0014	-0.000020	-0.000011	0.000000
11	0.0043	-0.0039	-0.0018	-0.000027	-0.000012	-0.000028
12	0.0043	0.0039	0.0018	0.000026	-0.000012	-0.000028
13	0.0005	-0.0039	0.0012	-0.000028	-0.000014	-0.000026
14	0.0005	0.0039	-0.0012	0.000027	-0.000014	-0.000026
15	-0.0015	-0.0034	0.0033	-0.000037	-0.000021	-0.000030
16	-0.0015	0.0034	-0.0033	0.000037	-0.000021	-0.000030
17	-0.0029	-0.0035	0.0050	-0.000025	-0.000023	0.000000
18	-0.0029	-0.0011	0.0019	-0.000014	-0.000038	0.000000
19	-0.0029	0.0011	-0.0018	0.000011	-0.000038	0.000000
20	-0.0029	0.0034	-0.0049	0.000027	-0.000023	0.000000
21	-0.0004	0.0058	-0.0033	0.000031	-0.000013	0.000000
22	0.0021	0.0058	-0.0006	0.000021	-0.000011	0.000000
23	0.0046	0.0035	0.0023	0.000025	-0.000005	0.000000
24	0.0046	0.0011	0.0012	0.000009	0.000022	0.000000
25	0.0046	-0.0012	-0.0011	-0.000009	0.000023	0.000000
26	0.0046	-0.0035	-0.0023	-0.000025	-0.000004	0.000000
27	0.0021	-0.0058	0.0006	-0.000021	-0.000010	0.000000
28	-0.0004	-0.0058	0.0033	-0.000031	-0.000013	0.000000
29	0.0043	-0.0019	-0.0016	-0.000014	0.000016	-0.000024
30	0.0043	0.0000	0.0000	0.000000	0.000023	-0.000026
31	0.0043	0.0019	0.0016	0.000014	0.000016	-0.000024
32	0.0024	-0.0039	-0.0003	-0.000015	-0.000007	-0.000023
33	0.0024	0.0039	0.0003	0.000015	-0.000007	-0.000023
34	-0.0015	-0.0011	0.0012	-0.000012	-0.000026	-0.000024
35	-0.0015	0.0011	-0.0012	0.000011	-0.000026	-0.000024
36	-0.0022	0.0034	-0.0041	0.000027	-0.000022	0.000000
37	0.0022	-0.0048	0.0001	-0.000020	-0.000011	0.000000
38	0.0001	-0.0048	0.0023	-0.000030	-0.000014	0.000000
39	0.0045	0.0037	0.0020	0.000025	-0.000008	0.000000
40	0.0023	-0.0004	-0.0001	-0.000003	0.000010	0.000000

41	0.0004	-0.0008	0.0002	-0.000006	-0.000008	0.000000
42	-0.0022	0.0015	-0.0020	0.000015	-0.000033	0.000000
43	-0.0022	0.0005	-0.0006	0.000005	-0.000033	0.000000
44	0.0037	-0.0048	-0.0010	-0.000020	-0.000008	0.000000
45	-0.0014	-0.0047	0.0041	-0.000032	-0.000014	0.000000
46	0.0044	0.0022	0.0019	0.000016	0.000010	0.000000
47	0.0040	0.0047	0.0013	0.000022	-0.000010	0.000000
48	0.0035	0.0048	0.0008	0.000019	-0.000008	0.000000
49	-0.0012	0.0046	-0.0038	0.000031	-0.000013	0.000000
50	-0.0021	0.0046	-0.0049	0.000031	-0.000015	0.000000
51	0.0005	0.0015	-0.0004	0.000012	-0.000006	0.000000
52	0.0024	0.0017	0.0005	0.000012	0.000004	0.000000
53	0.0024	-0.0020	-0.0006	-0.000014	0.000002	0.000000
54	0.0005	-0.0021	0.0006	-0.000016	-0.000006	0.000000
55	0.0043	-0.0035	-0.0020	-0.000027	-0.000012	-0.000028
56	0.0043	0.0035	0.0020	0.000026	-0.000012	-0.000028
57	0.0038	-0.0039	-0.0014	-0.000027	-0.000012	-0.000028
58	0.0009	-0.0039	0.0008	-0.000028	-0.000014	-0.000026
59	0.0038	0.0039	0.0014	0.000026	-0.000012	-0.000028
60	0.0009	0.0039	-0.0008	0.000027	-0.000014	-0.000026
61	0.0001	-0.0039	0.0016	-0.000028	-0.000014	-0.000026
62	-0.0015	-0.0039	0.0037	-0.000037	-0.000021	-0.000030
63	0.0001	0.0039	-0.0016	0.000027	-0.000014	-0.000026
64	-0.0015	0.0039	-0.0037	0.000037	-0.000021	-0.000030
65	-0.0018	-0.0031	0.0035	-0.000037	-0.000021	-0.000030
66	-0.0018	0.0031	-0.0035	0.000037	-0.000021	-0.000030
67	0.1129	-0.0749	-0.0031	-0.000042	-0.000085	-0.000532
68	0.1129	0.0744	0.0030	0.000042	-0.000085	-0.000532
69	0.1072	-0.0827	-0.0014	-0.000042	-0.000085	-0.000532
70	0.0438	-0.0828	0.0003	-0.000033	-0.000080	-0.000532
71	0.1125	-0.1225	0.0046	-0.000042	-0.000085	-0.000532
72	0.1129	-0.0908	-0.0005	-0.000042	-0.000085	-0.000532
73	0.1236	-0.0828	-0.0026	-0.000042	-0.000085	-0.000532
74	0.1391	-0.0826	-0.0039	-0.000042	-0.000085	-0.000532
75	0.1072	0.0822	0.0013	0.000042	-0.000085	-0.000532
76	0.0438	0.0823	-0.0003	0.000032	-0.000080	-0.000532
77	0.1129	0.0904	0.0005	0.000042	-0.000085	-0.000532
78	0.1125	0.1221	-0.0046	0.000042	-0.000085	-0.000532
79	0.1236	0.0824	0.0026	0.000042	-0.000085	-0.000532
80	0.1391	0.0822	0.0039	0.000042	-0.000085	-0.000532
81	0.0279	-0.0824	0.0012	-0.000033	-0.000080	-0.000532
82	-0.0062	-0.0824	0.0046	-0.000107	-0.000046	-0.000532
83	0.0279	0.0819	-0.0012	0.000032	-0.000080	-0.000532
84	-0.0062	0.0819	-0.0046	0.000106	-0.000046	-0.000532
85	-0.0095	-0.0665	0.0039	-0.000107	-0.000046	-0.000532
86	-0.0095	0.0660	-0.0039	0.000106	-0.000046	-0.000532
87	-0.0098	-0.1225	0.0088	-0.000107	-0.000046	-0.000532
88	-0.0095	-0.0849	0.0055	-0.000107	-0.000046	-0.000532
89	-0.0095	0.0845	-0.0055	0.000106	-0.000046	-0.000532
90	-0.0098	0.1221	-0.0088	0.000106	-0.000046	-0.000532
91	0.1139	-0.0820	-0.0020	-0.000042	-0.000085	-0.000532
92	0.1139	0.0816	0.0020	0.000042	-0.000085	-0.000532
93	0.0346	-0.0823	0.0008	-0.000033	-0.000080	-0.000532
94	0.0346	0.0819	-0.0008	0.000032	-0.000080	-0.000532
95	-0.0067	-0.0715	0.0038	-0.000107	-0.000046	-0.000532
96	-0.0067	0.0710	-0.0038	0.000106	-0.000046	-0.000532
97	-0.0018	-0.0011	0.0013	-0.000012	-0.000026	-0.000024
98	-0.0018	0.0011	-0.0013	0.000011	-0.000026	-0.000024

## 4.1.5.2 Sollecitazioni SLV

Tabella 14.I

Asta	Imp.	Fili	X [cm]	N [daN]	Sollecitazioni				
					Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	-19.66	7.92	50.20	-74.23	10.98	20.14
			31	-16.82	7.92	27.01	-71.46	4.35	22.18
			63	-13.98	7.92	4.65	-68.98	-2.84	23.72

2	fondazione	1, 2	0	-6.33	7.07	10.94	-13.99	-3.48	-6.01
			39	-2.81	7.07	5.44	-11.88	-1.41	-4.80
			78	0.70	7.07	0.50	-11.13	0.34	-4.38
3	fondazione	1, 2	0	-0.38	7.20	-0.47	-12.35	-0.37	-4.44
			39	3.13	7.20	-5.87	-13.07	1.41	-4.85
			78	6.65	7.20	-11.83	-15.14	3.49	-6.05
4	fondazione	1, 2	0	12.40	7.42	-4.67	-66.46	2.85	23.59
			31	15.24	7.42	-26.23	-68.88	-4.29	22.05
			63	18.08	7.42	-48.61	-71.59	-10.88	20.01
5	fondazione	1, 3	0	11.07	3.20	-27.02	47.37	10.51	17.34
			30	8.57	3.20	-12.20	48.77	4.97	19.55
			60	6.08	3.20	2.93	49.49	-1.17	21.29
6	fondazione	1, 3	0	-11.88	-4.59	-1.84	48.97	-1.62	3.78
			30	-14.38	-4.59	13.27	49.12	-2.96	5.06
			60	-16.88	-4.59	28.31	48.56	-4.62	5.88
7	fondazione	2, 4	0	-10.03	2.75	24.19	-42.50	10.36	16.99
			30	-7.54	2.75	10.84	-43.87	4.92	19.20
			60	-5.05	2.75	-2.81	-44.56	-1.11	20.94
8	fondazione	2, 4	0	9.97	-4.04	2.59	-48.31	-1.82	3.17
			30	12.46	-4.04	-12.31	-48.42	-2.97	4.46
			60	14.95	-4.04	-27.14	-47.83	-4.44	5.28
9	fondazione	3, 5	0	-72.92	-4.38	7.42	5.66	13.47	52.98
			32	-75.56	-4.38	9.20	2.84	-3.30	52.79
			63	-78.22	-4.38	9.87	-1.37	-19.93	52.09
10	fondazione	4, 6	0	74.79	-4.57	-10.48	3.43	13.53	53.04
			32	77.42	-4.57	-9.38	6.25	-3.26	52.85
			63	80.08	-4.57	-7.17	10.46	-19.91	52.14
11	fondazione	5, 6	0	52.47	12.56	-21.95	47.30	14.58	24.74
			40	50.92	12.55	-3.73	42.09	4.11	26.96
			81	49.39	12.55	12.78	38.86	-7.09	28.35
12	fondazione	5, 6	0	1.70	9.61	-8.51	19.20	-2.05	-4.84
			46	-0.02	9.61	0.11	17.91	-0.01	-4.28
			91	-1.74	9.61	8.72	19.18	2.02	-4.83
13	fondazione	5, 6	0	-48.44	12.69	-13.97	41.71	7.05	28.14
			40	-49.97	12.69	3.68	44.92	-4.06	26.77
			81	-51.52	12.69	23.04	50.13	-14.46	24.55
14	piano l	1, 2	0	0.04	4.82	31.65	-22.61	-1.54	-1.10
			140	0.04	4.82	0.00	-22.61	0.00	-1.10
			280	0.04	4.82	-31.66	-22.61	1.54	-1.10
15	piano l	1, 3	0	-100.66	0.85	-37.44	58.40	4.74	7.90
			60	-100.66	0.85	-2.40	58.40	0.00	7.90
			120	-100.66	0.85	32.64	58.40	-4.74	7.90
16	piano l	7, 1	0	511.54	0.00	0.00	0.00	16.86	56.20
			30	511.54	0.00	0.00	0.00	0.00	56.20
			60	511.54	0.00	0.00	0.00	-16.86	56.20
17	piano l	1, 13	0	-505.83	0.00	0.00	0.00	136.41	909.40
			15	-505.83	0.00	0.00	0.00	0.00	909.40
			30	-505.83	0.00	0.00	0.00	-136.41	909.40
18	piano l	2, 4	0	100.15	0.86	37.35	-58.30	4.74	7.90
			60	100.15	0.86	2.37	-58.30	0.00	7.90
			120	100.15	0.86	-32.61	-58.30	-4.74	7.90
19	piano l	2, 8	0	-511.71	0.00	0.00	0.00	16.75	55.83
			30	-511.71	0.00	0.00	0.00	0.00	55.83
			60	-511.71	0.00	0.00	0.00	-16.75	55.83
20	piano l	2, 14	0	502.46	0.00	0.00	0.00	136.46	909.71
			15	502.46	0.00	0.00	0.00	0.00	909.71
			30	502.46	0.00	0.00	0.00	-136.46	909.71
21	piano l	3, 5	0	2.87	12.00	-9.98	143.35	-15.03	-47.44
			32	2.87	12.00	35.45	143.35	0.00	-47.44
			63	2.87	12.00	80.87	143.35	15.03	-47.44
22	piano l	4, 6	0	-3.10	12.08	9.83	-142.13	-15.04	-47.48

			32	-3.10	12.08	-35.20	-142.13	0.00	-47.48
			63	-3.10	12.08	-80.24	-142.13	15.04	-47.48
23	piano l	5, 6	0	-0.42	13.91	4.80	-3.88	-6.31	-5.11
			123	-0.42	13.91	0.01	-3.88	0.00	-5.11
			247	-0.42	13.91	-4.78	-3.88	6.31	-5.11
24	piano l	9, 5	0	289.25	0.00	0.00	0.00	37.30	103.74
			36	289.25	0.00	0.00	0.00	0.00	103.74
			72	289.25	0.00	0.00	0.00	-37.30	103.74
25	piano l	6, 10	0	-287.82	0.00	0.00	0.00	37.06	103.08
			36	-287.82	0.00	0.00	0.00	0.00	103.08
			72	-287.82	0.00	0.00	0.00	-37.06	103.08
26	piano l	1	0	-35.79	-27.90	71.30	-36.22	-96.57	-51.05
			200	-35.79	-27.90	-1.15	-36.22	5.53	-51.05
			400	-35.79	-27.90	-73.60	-36.22	107.63	-51.05
27	piano l	2	0	35.69	-27.90	-71.03	36.12	-96.60	-51.08
			200	35.69	-27.90	1.20	36.12	5.55	-51.08
			400	35.69	-27.90	73.44	36.12	107.71	-51.08
28	piano l	3	0	-84.95	-28.00	74.32	-37.33	-12.02	-8.52
			200	-84.95	-28.00	-0.35	-37.33	5.02	-8.52
			400	-84.95	-28.00	-75.01	-37.33	22.07	-8.52
29	piano l	4	0	83.83	-28.00	-73.95	37.17	-12.09	-8.57
			200	83.83	-28.00	0.38	37.17	5.05	-8.57
			400	83.83	-28.00	74.71	37.17	22.20	-8.57
30	piano l	5	0	147.23	-57.57	73.25	-45.89	59.25	30.36
			200	147.23	-57.57	-18.53	-45.89	-1.47	30.36
			400	147.23	-57.57	-110.32	-45.89	-62.20	30.36
31	piano l	6	0	-146.01	-57.57	-72.70	45.58	58.96	30.22
			200	-146.01	-57.57	18.46	45.58	-1.47	30.22
			400	-146.01	-57.57	109.62	45.58	-61.90	30.22

#### 4.1.5.3 Piastre SLV

Tabella 15.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.489	-0.814	-0.434	-63.250	-48.887	-50.520	2.906	3.186

#### 4.1.6 Risultati Condizioni (Torsione Accidentale Y).

##### 4.1.6.1 Cinematismi nodali SLV

Tabella 16.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0172	-0.0167	-0.0071	-0.000104	-0.000046	-0.000109
2	0.0172	0.0166	0.0070	0.000100	-0.000045	-0.000109
3	0.0028	-0.0168	0.0047	-0.000108	-0.000054	-0.000102
4	0.0027	0.0167	-0.0047	0.000106	-0.000052	-0.000102
5	-0.0044	-0.0155	0.0128	-0.000145	-0.000081	-0.000115
6	-0.0045	0.0154	-0.0128	0.000143	-0.000081	-0.000115
7	-0.0112	-0.0224	0.0255	-0.000133	-0.000046	0.000000
8	-0.0112	0.0223	-0.0252	0.000128	-0.000044	0.000000
9	0.0180	0.0224	0.0053	0.000077	-0.000041	0.000000
10	0.0180	-0.0224	-0.0055	-0.000077	-0.000044	0.000000
11	0.0166	-0.0151	-0.0071	-0.000104	-0.000046	-0.000109
12	0.0166	0.0151	0.0070	0.000100	-0.000045	-0.000109
13	0.0020	-0.0152	0.0047	-0.000108	-0.000054	-0.000102
14	0.0020	0.0151	-0.0047	0.000106	-0.000052	-0.000102
15	-0.0057	-0.0133	0.0128	-0.000145	-0.000081	-0.000115
16	-0.0057	0.0133	-0.0128	0.000143	-0.000081	-0.000115
17	-0.0112	-0.0134	0.0194	-0.000098	-0.000089	0.000000
18	-0.0112	-0.0045	0.0075	-0.000053	-0.000148	0.000000
19	-0.0112	0.0044	-0.0070	0.000044	-0.000147	0.000000
20	-0.0112	0.0134	-0.0191	0.000106	-0.000089	0.000000
21	-0.0015	0.0223	-0.0127	0.000120	-0.000052	0.000000
22	0.0082	0.0224	-0.0023	0.000082	-0.000043	0.000000

23	0.0180	0.0134	0.0088	0.000096	-0.000020	0.000000
24	0.0180	0.0044	0.0046	0.000033	0.000087	0.000000
25	0.0180	-0.0045	-0.0044	-0.000034	0.000089	0.000000
26	0.0180	-0.0135	-0.0090	-0.000097	-0.000015	0.000000
27	0.0082	-0.0224	0.0024	-0.000082	-0.000040	0.000000
28	-0.0015	-0.0224	0.0128	-0.000122	-0.000052	0.000000
29	0.0165	-0.0075	-0.0063	-0.000055	0.000063	-0.000092
30	0.0165	0.0000	0.0000	-0.000001	0.000091	-0.000099
31	0.0165	0.0075	0.0062	0.000054	0.000061	-0.000092
32	0.0092	-0.0151	-0.0013	-0.000057	-0.000027	-0.000090
33	0.0092	0.0151	0.0012	0.000059	-0.000028	-0.000090
34	-0.0057	-0.0044	0.0045	-0.000045	-0.000102	-0.000094
35	-0.0057	0.0044	-0.0045	0.000042	-0.000102	-0.000094
36	-0.0084	0.0133	-0.0161	0.000106	-0.000086	0.000000
37	0.0087	-0.0188	0.0004	-0.000078	-0.000041	0.000000
38	0.0002	-0.0187	0.0087	-0.000115	-0.000054	0.000000
39	0.0173	0.0143	0.0079	0.000098	-0.000032	0.000000
40	0.0091	-0.0015	-0.0006	-0.000011	0.000038	0.000000
41	0.0017	-0.0030	0.0008	-0.000025	-0.000031	0.000000
42	-0.0085	0.0059	-0.0078	0.000058	-0.000128	0.000000
43	-0.0085	0.0019	-0.0025	0.000019	-0.000129	0.000000
44	0.0144	-0.0188	-0.0040	-0.000077	-0.000032	0.000000
45	-0.0055	-0.0181	0.0158	-0.000122	-0.000054	0.000000
46	0.0172	0.0087	0.0074	0.000062	0.000039	0.000000
47	0.0157	0.0184	0.0050	0.000085	-0.000037	0.000000
48	0.0135	0.0186	0.0031	0.000072	-0.000031	0.000000
49	-0.0048	0.0179	-0.0147	0.000121	-0.000051	0.000000
50	-0.0081	0.0178	-0.0189	0.000121	-0.000059	0.000000
51	0.0018	0.0059	-0.0017	0.000048	-0.000022	0.000000
52	0.0091	0.0067	0.0019	0.000047	0.000015	0.000000
53	0.0091	-0.0079	-0.0021	-0.000053	0.000007	0.000000
54	0.0018	-0.0081	0.0022	-0.000063	-0.000025	0.000000
55	0.0166	-0.0135	-0.0078	-0.000104	-0.000046	-0.000109
56	0.0166	0.0135	0.0076	0.000100	-0.000045	-0.000109
57	0.0149	-0.0151	-0.0056	-0.000104	-0.000046	-0.000109
58	0.0035	-0.0152	0.0031	-0.000108	-0.000054	-0.000102
59	0.0149	0.0151	0.0055	0.000100	-0.000045	-0.000109
60	0.0035	0.0151	-0.0032	0.000106	-0.000052	-0.000102
61	0.0004	-0.0151	0.0063	-0.000108	-0.000054	-0.000102
62	-0.0057	-0.0153	0.0143	-0.000145	-0.000081	-0.000115
63	0.0004	0.0150	-0.0063	0.000106	-0.000052	-0.000102
64	-0.0057	0.0153	-0.0143	0.000143	-0.000081	-0.000115
65	-0.0070	-0.0121	0.0137	-0.000145	-0.000081	-0.000115
66	-0.0070	0.0121	-0.0137	0.000143	-0.000081	-0.000115
67	0.4381	-0.2905	-0.0120	-0.000163	-0.000330	-0.002063
68	0.4381	0.2886	0.0118	0.000162	-0.000330	-0.002063
69	0.4160	-0.3207	-0.0054	-0.000163	-0.000330	-0.002063
70	0.1700	-0.3213	0.0012	-0.000126	-0.000312	-0.002063
71	0.4365	-0.4753	0.0177	-0.000163	-0.000330	-0.002063
72	0.4381	-0.3524	-0.0021	-0.000163	-0.000330	-0.002063
73	0.4794	-0.3214	-0.0103	-0.000163	-0.000330	-0.002063
74	0.5397	-0.3206	-0.0152	-0.000163	-0.000330	-0.002063
75	0.4160	0.3188	0.0052	0.000162	-0.000330	-0.002063
76	0.1700	0.3194	-0.0012	0.000125	-0.000312	-0.002063
77	0.4381	0.3505	0.0019	0.000162	-0.000330	-0.002063
78	0.4365	0.4735	-0.0179	0.000162	-0.000330	-0.002063
79	0.4794	0.3196	0.0101	0.000162	-0.000330	-0.002063
80	0.5397	0.3188	0.0149	0.000162	-0.000330	-0.002063
81	0.1081	-0.3197	0.0047	-0.000126	-0.000312	-0.002063
82	-0.0239	-0.3197	0.0180	-0.000415	-0.000179	-0.002063
83	0.1081	0.3179	-0.0048	0.000125	-0.000312	-0.002063
84	-0.0239	0.3179	-0.0179	0.000412	-0.000178	-0.002063
85	-0.0368	-0.2580	0.0152	-0.000415	-0.000179	-0.002063
86	-0.0368	0.2562	-0.0152	0.000412	-0.000178	-0.002063
87	-0.0379	-0.4753	0.0343	-0.000415	-0.000179	-0.002063
88	-0.0368	-0.3295	0.0214	-0.000415	-0.000179	-0.002063
89	-0.0368	0.3276	-0.0214	0.000412	-0.000178	-0.002063
90	-0.0379	0.4735	-0.0342	0.000412	-0.000178	-0.002063
91	0.4420	-0.3182	-0.0078	-0.000163	-0.000330	-0.002063
92	0.4420	0.3164	0.0077	0.000162	-0.000330	-0.002063
93	0.1343	-0.3194	0.0031	-0.000126	-0.000312	-0.002063
94	0.1343	0.3175	-0.0031	0.000125	-0.000312	-0.002063

95	-0.0259	-0.2774	0.0147	-0.000415	-0.000179	-0.002063
96	-0.0259	0.2756	-0.0147	0.000412	-0.000178	-0.002063
97	-0.0069	-0.0044	0.0050	-0.000045	-0.000102	-0.000094
98	-0.0069	0.0044	-0.0050	0.000042	-0.000102	-0.000094

#### 4.1.6.2 Sollecitazioni SLV

Tabella 17.I

Asta	Imp.	Fili	X [cm]	Sollecitazioni					
				N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	-31.18	12.56	79.62	-117.75	17.41	31.94
			31	-26.68	12.56	42.84	-113.34	6.90	35.18
			63	-22.18	12.56	7.38	-109.41	-4.50	37.63
2	fondazione	1, 2	0	-10.04	11.22	17.35	-22.20	-5.52	-9.54
			39	-4.46	11.22	8.63	-18.85	-2.23	-7.61
			78	1.11	11.22	0.80	-17.66	0.54	-6.95
3	fondazione	1, 2	0	-0.60	11.42	-0.75	-19.58	-0.58	-7.05
			39	4.97	11.42	-9.32	-20.73	2.23	-7.69
			78	10.55	11.42	-18.76	-24.02	5.54	-9.60
4	fondazione	1, 2	0	19.67	11.77	-7.41	-105.42	4.52	37.41
			31	24.17	11.77	-41.61	-109.26	-6.81	34.98
			63	28.68	11.77	-77.10	-113.56	-17.26	31.75
5	fondazione	1, 3	0	17.55	5.08	-42.86	75.14	16.68	27.51
			30	13.59	5.08	-19.35	77.36	7.88	31.01
			60	9.64	5.08	4.64	78.50	-1.85	33.76
6	fondazione	1, 3	0	-18.85	-7.28	-2.91	77.68	-2.58	5.99
			30	-22.81	-7.28	21.04	77.91	-4.70	8.03
			60	-26.77	-7.28	44.91	77.02	-7.32	9.33
7	fondazione	2, 4	0	-15.91	4.36	38.38	-67.41	16.44	26.96
			30	-11.96	4.36	17.20	-69.58	7.81	30.46
			60	-8.01	4.36	-4.45	-70.68	-1.76	33.21
8	fondazione	2, 4	0	15.82	-6.41	4.10	-76.63	-2.88	5.02
			30	19.77	-6.41	-19.53	-76.80	-4.71	7.07
			60	23.72	-6.41	-43.05	-75.86	-7.05	8.37
9	fondazione	3, 5	0	-115.66	-6.95	11.77	8.97	21.37	84.04
			32	-119.85	-6.95	14.59	4.50	-5.24	83.74
			63	-124.07	-6.95	15.66	-2.17	-31.62	82.62
10	fondazione	4, 6	0	118.64	-7.25	-16.63	5.44	21.46	84.13
			32	122.81	-7.25	-14.87	9.91	-5.17	83.83
			63	127.02	-7.25	-11.37	16.59	-31.58	82.71
11	fondazione	5, 6	0	83.24	19.92	-34.81	75.03	23.13	39.25
			40	80.77	19.91	-5.91	66.76	6.52	42.77
			81	78.34	19.91	20.27	61.65	-11.24	44.97
12	fondazione	5, 6	0	2.69	15.24	-13.49	30.45	-3.25	-7.68
			46	-0.03	15.24	0.17	28.40	-0.02	-6.79
			91	-2.75	15.24	13.84	30.43	3.21	-7.66
13	fondazione	5, 6	0	-76.84	20.13	-22.16	66.16	11.18	44.64
			40	-79.27	20.13	5.83	71.25	-6.45	42.46
			81	-81.73	20.13	36.54	79.51	-22.93	38.95
14	piano 1	1, 2	0	0.06	7.65	50.21	-35.86	-2.45	-1.75
			140	0.06	7.65	0.00	-35.86	0.00	-1.75
			280	0.06	7.65	-50.21	-35.86	2.45	-1.75
15	piano 1	1, 3	0	-159.67	1.35	-59.39	92.63	7.52	12.53
			60	-159.67	1.35	-3.81	92.63	0.00	12.53
			120	-159.67	1.35	51.77	92.63	-7.52	12.53
16	piano 1	7, 1	0	811.40	0.00	0.00	0.00	26.74	89.15



			30	811.40	0.00	0.00	0.00	0.00	89.15
			60	811.40	0.00	0.00	0.00	-26.74	89.15
17	piano l	1, 13	0	-802.35	0.00	0.00	0.00	216.37	1442.49
			15	-802.35	0.00	0.00	0.00	0.00	1442.49
			30	-802.35	0.00	0.00	0.00	-216.37	1442.49
18	piano l	2, 4	0	158.87	1.36	59.25	-92.48	7.52	12.53
			60	158.87	1.36	3.76	-92.48	0.00	12.53
			120	158.87	1.36	-51.72	-92.48	-7.52	12.53
19	piano l	2, 8	0	-811.68	0.00	0.00	0.00	26.57	88.56
			30	-811.68	0.00	0.00	0.00	0.00	88.56
			60	-811.68	0.00	0.00	0.00	-26.57	88.56
20	piano l	2, 14	0	797.00	0.00	0.00	0.00	216.45	1442.99
			15	797.00	0.00	0.00	0.00	0.00	1442.99
			30	797.00	0.00	0.00	0.00	-216.45	1442.99
21	piano l	3, 5	0	4.56	19.04	-15.82	227.38	-23.84	-75.24
			32	4.56	19.04	56.22	227.38	0.00	-75.24
			63	4.56	19.04	128.27	227.38	23.84	-75.24
22	piano l	4, 6	0	-4.92	19.16	15.60	-225.45	-23.86	-75.31
			32	-4.92	19.16	-55.84	-225.45	0.00	-75.31
			63	-4.92	19.16	-127.27	-225.45	23.86	-75.31
23	piano l	5, 6	0	-0.66	22.06	7.62	-6.15	-10.00	-8.10
			123	-0.66	22.06	0.02	-6.15	0.00	-8.10
			247	-0.66	22.06	-7.58	-6.15	10.00	-8.10
24	piano l	9, 5	0	458.81	0.00	0.00	0.00	59.16	164.55
			36	458.81	0.00	0.00	0.00	0.00	164.55
			72	458.81	0.00	0.00	0.00	-59.16	164.55
25	piano l	6, 10	0	-456.54	0.00	0.00	0.00	58.78	163.50
			36	-456.54	0.00	0.00	0.00	0.00	163.50
			72	-456.54	0.00	0.00	0.00	-58.78	163.50
26	piano l	1	0	-56.77	-44.25	113.09	-57.46	-153.18	-80.98
			200	-56.77	-44.25	-1.82	-57.46	8.77	-80.98
			400	-56.77	-44.25	-116.74	-57.46	170.73	-80.98
27	piano l	2	0	56.61	-44.26	-112.67	57.29	-153.23	-81.02
			200	56.61	-44.26	1.91	57.29	8.81	-81.02
			400	56.61	-44.26	116.49	57.29	170.85	-81.02
28	piano l	3	0	-134.74	-44.41	117.89	-59.22	-19.06	-13.52
			200	-134.74	-44.41	-0.55	-59.22	7.97	-13.52
			400	-134.74	-44.41	-118.98	-59.22	35.00	-13.52
29	piano l	4	0	132.97	-44.41	-117.30	58.95	-19.18	-13.60
			200	132.97	-44.41	0.60	58.95	8.01	-13.60
			400	132.97	-44.41	118.50	58.95	35.21	-13.60
30	piano l	5	0	233.53	-91.32	116.19	-72.80	93.99	48.16
			200	233.53	-91.32	-29.40	-72.80	-2.34	48.16
			400	233.53	-91.32	-174.99	-72.80	-98.66	48.16
31	piano l	6	0	-231.60	-91.32	-115.32	72.30	93.52	47.93
			200	-231.60	-91.32	29.28	72.30	-2.33	47.93
			400	-231.60	-91.32	173.88	72.30	-98.19	47.93

#### 4.1.6.3 Piastre SLV

Tabella 18.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.776	-1.291	-0.689	-100.327	-77.545	-80.136	4.610	5.054

#### 4.1.7 Risultati Condizioni (Sisma X).

Tabella 19.I

Direzione X			
Modo	f [Hz]	T [s]	Gx %
1	3.378	0.296	40.0
2	18.252	0.055	31.9
3	17.840	0.056	23.7
Totale Gx (>=85%)			95.6

## 4.1.7.1 Cinematismi nodali SLV

Tabella 20.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.1051	-0.0617	0.0710	-0.000039	-0.000794	-0.000397
2	0.1050	0.0612	-0.0705	0.000043	-0.000788	-0.000397
3	0.1041	-0.0613	0.0769	-0.000079	-0.000811	-0.000401
4	0.1039	0.0608	-0.0768	0.000085	-0.000798	-0.000401
5	0.1087	-0.0533	0.0686	-0.000147	-0.000895	-0.000399
6	0.1089	0.0529	-0.0691	0.000156	-0.000911	-0.000399
7	0.1101	-0.0922	0.1395	-0.000055	-0.000717	0.000000
8	0.1101	0.0918	-0.1398	0.000056	-0.000700	0.000000
9	0.0979	0.0918	-0.1229	0.000033	-0.000681	0.000000
10	0.0979	-0.0922	0.1223	-0.000032	-0.000682	0.000000
11	0.0972	-0.0623	0.0710	-0.000039	-0.000794	-0.000397
12	0.0972	0.0619	-0.0705	0.000043	-0.000788	-0.000397
13	0.0956	-0.0623	0.0769	-0.000079	-0.000811	-0.000401
14	0.0956	0.0619	-0.0768	0.000085	-0.000798	-0.000401
15	0.0993	-0.0550	0.0686	-0.000147	-0.000895	-0.000399
16	0.0993	0.0545	-0.0691	0.000156	-0.000911	-0.000399
17	0.1101	-0.0554	0.0734	-0.000053	-0.000701	0.000000
18	0.1101	-0.0187	0.0182	-0.000066	-0.000438	0.000000
19	0.1101	0.0182	-0.0194	0.000067	-0.000409	0.000000
20	0.1101	0.0550	-0.0735	0.000064	-0.000750	0.000000
21	0.0969	0.0918	-0.1329	0.000109	-0.000654	0.000000
22	0.0948	0.0918	-0.1246	0.000090	-0.000714	0.000000
23	0.0979	0.0551	-0.0581	0.000056	-0.000706	0.000000
24	0.0978	0.0182	-0.0126	0.000047	-0.000315	0.000000
25	0.0978	-0.0186	0.0146	-0.000047	-0.000303	0.000000
26	0.0979	-0.0555	0.0586	-0.000055	-0.000687	0.000000
27	0.0948	-0.0923	0.1253	-0.000089	-0.000695	0.000000
28	0.0969	-0.0922	0.1339	-0.000119	-0.000689	0.000000
29	0.0971	-0.0313	0.0257	-0.000060	-0.000391	-0.000401
30	0.0971	-0.0002	0.0006	-0.000002	-0.000284	-0.000398
31	0.0971	0.0308	-0.0249	0.000062	-0.000402	-0.000401
32	0.0949	-0.0623	0.0723	-0.000066	-0.000653	-0.000400
33	0.0949	0.0619	-0.0721	0.000067	-0.000655	-0.000400
34	0.0992	-0.0185	0.0151	-0.000020	-0.000352	-0.000401
35	0.0992	0.0180	-0.0155	0.000022	-0.000342	-0.000402
36	0.1012	0.0548	-0.0718	0.000083	-0.000738	0.000000
37	0.0949	-0.0773	0.0986	-0.000084	-0.000708	0.000000
38	0.0962	-0.0772	0.1062	-0.000116	-0.000710	0.000000
39	0.0976	0.0585	-0.0643	0.000047	-0.000751	0.000000
40	0.0949	-0.0063	0.0054	-0.000015	-0.000298	0.000000
41	0.0956	-0.0124	0.0102	0.000015	-0.000321	0.000000
42	0.1011	0.0242	-0.0239	0.000075	-0.000481	0.000000
43	0.1011	0.0079	-0.0076	0.000035	-0.000363	0.000000
44	0.0962	-0.0772	0.0973	-0.000038	-0.000665	0.000000
45	0.0991	-0.0748	0.1067	-0.000082	-0.000693	0.000000
46	0.0975	0.0358	-0.0300	0.000055	-0.000484	0.000000
47	0.0968	0.0753	-0.0946	0.000042	-0.000700	0.000000
48	0.0959	0.0763	-0.0964	0.000036	-0.000676	0.000000
49	0.0987	0.0736	-0.1054	0.000084	-0.000688	0.000000
50	0.1009	0.0734	-0.1061	0.000062	-0.000727	0.000000
51	0.0956	0.0241	-0.0212	-0.000024	-0.000393	0.000000
52	0.0949	0.0277	-0.0250	0.000036	-0.000440	0.000000
53	0.0949	-0.0325	0.0299	-0.000030	-0.000472	0.000000
54	0.0956	-0.0333	0.0305	0.000020	-0.000482	0.000000
55	0.0972	-0.0563	0.0591	-0.000039	-0.000794	-0.000397
56	0.0972	0.0559	-0.0588	0.000043	-0.000788	-0.000397
57	0.0966	-0.0623	0.0710	-0.000039	-0.000794	-0.000397
58	0.0952	-0.0623	0.0760	-0.000079	-0.000811	-0.000401
59	0.0966	0.0619	-0.0706	0.000043	-0.000788	-0.000397
60	0.0952	0.0619	-0.0758	0.000085	-0.000798	-0.000401
61	0.0962	-0.0620	0.0772	-0.000079	-0.000811	-0.000401
62	0.0993	-0.0620	0.0843	-0.000147	-0.000895	-0.000399
63	0.0962	0.0616	-0.0772	0.000085	-0.000798	-0.000401

64	0.0994	0.0615	-0.0850	0.000156	-0.000911	-0.000399
65	0.1001	-0.0508	0.0609	-0.000147	-0.000895	-0.000399
66	0.1002	0.0504	-0.0612	0.000156	-0.000911	-0.000399
67	2.0877	0.0754	0.0429	0.000127	-0.001998	0.000503
68	2.0878	-0.0667	-0.0425	-0.000122	-0.001999	0.000503
69	2.0837	0.0824	0.0710	0.000127	-0.001998	0.000503
70	2.1627	0.0805	0.0776	-0.000411	-0.004476	0.000503
71	2.0783	0.1201	0.2219	0.000127	-0.002020	0.000503
72	2.0877	0.0905	0.1016	0.000127	-0.001998	0.000503
73	2.0783	0.0830	0.0740	0.000127	-0.001998	0.000503
74	2.0546	0.0824	0.0769	0.000128	-0.001998	0.000503
75	2.0837	-0.0737	-0.0706	-0.000122	-0.001999	0.000503
76	2.1627	-0.0717	-0.0774	0.000416	-0.004479	0.000503
77	2.0878	-0.0817	-0.1012	-0.000122	-0.001999	0.000503
78	2.0783	-0.1114	-0.2215	-0.000122	-0.002021	0.000503
79	2.0783	-0.0742	-0.0734	-0.000122	-0.001999	0.000503
80	2.0546	-0.0736	-0.0763	-0.000123	-0.001999	0.000503
81	2.1773	0.0801	0.0860	-0.000411	-0.004476	0.000503
82	2.1919	0.0809	0.1305	-0.000841	-0.003498	0.000503
83	2.1773	-0.0714	-0.0859	0.000416	-0.004479	0.000503
84	2.1919	-0.0721	-0.1309	0.000856	-0.003498	0.000503
85	2.2107	0.0620	0.0295	-0.000841	-0.003498	0.000503
86	2.2107	-0.0532	-0.0300	0.000856	-0.003498	0.000503
87	2.1901	0.1201	0.4063	-0.000841	-0.003619	0.000503
88	2.2107	0.0794	0.1491	-0.000841	-0.003498	0.000503
89	2.2107	-0.0706	-0.1497	0.000856	-0.003498	0.000503
90	2.1901	-0.1114	-0.4069	0.000856	-0.003619	0.000503
91	2.0471	0.0806	0.0725	0.000127	-0.001998	0.000503
92	2.0471	-0.0719	-0.0720	-0.000122	-0.001999	0.000503
93	2.1037	0.0861	0.0834	-0.000411	-0.004476	0.000503
94	2.1036	-0.0774	-0.0833	0.000416	-0.004479	0.000503
95	2.1401	0.0833	0.0692	-0.000841	-0.003498	0.000503
96	2.1401	-0.0748	-0.0697	0.000856	-0.003498	0.000503
97	0.1000	-0.0185	0.0153	-0.000020	-0.000352	-0.000401
98	0.1000	0.0180	-0.0157	0.000022	-0.000342	-0.000402

#### 4.1.7.2 Sollecitazioni SLV

Tabella 21.I

Asta	Imp.	Fili	X [cm]	N [daN]	Sollecitazioni				
					Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	-238.26	-29.92	748.68	-1041.72	-18.62	-69.97
			31	-183.38	-29.92	413.63	-1087.50	2.11	-38.03
			63	-174.40	-29.92	67.21	-1116.04	5.95	14.99
2	fondazione	1, 2	0	-119.57	29.24	146.87	-127.19	-5.48	-31.41
			39	-46.42	29.24	91.80	-145.94	2.90	-12.00
			78	58.84	29.24	32.36	-152.19	5.49	-5.44
3	fondazione	1, 2	0	-58.63	32.29	-23.37	-197.87	-5.61	-5.88
			39	43.39	32.29	-100.80	-193.24	-2.96	-12.01
			78	114.91	32.29	-174.65	-175.75	5.36	-31.03
4	fondazione	1, 2	0	166.06	-27.38	-77.73	-1025.90	-6.42	-18.16
			31	174.51	-27.38	-396.14	-998.32	-2.60	-40.96
			63	226.90	-27.38	-703.41	-953.16	19.99	-71.76
5	fondazione	1, 3	0	59.91	92.78	26.94	147.71	-29.69	-108.95
			30	23.83	92.77	48.93	77.35	4.55	-63.35
			60	28.59	92.76	50.21	69.02	9.13	35.71
6	fondazione	1, 3	0	50.52	-107.68	60.78	-133.59	7.56	-54.03
			30	27.16	-107.68	18.98	-217.80	10.99	21.33
			60	52.12	-107.69	-65.33	-304.91	-11.14	69.81
7	fondazione	2, 4	0	-60.93	87.44	-16.25	-168.81	-30.83	-112.19
			30	-25.63	87.44	-44.34	-91.75	4.56	-66.99
			60	-32.25	87.43	-52.86	-49.05	-10.22	37.06
8	fondazione	2, 4	0	-42.44	-97.55	-43.67	64.79	8.21	-58.42

	e								
			30	-19.56	-97.56	-24.01	144.61	10.79	23.73
			60	-48.60	-97.56	37.86	230.50	-13.02	66.59
9	fondazion e	3, 5	0	86.38	-53.59	168.98	-262.36	-25.62	-103.73
			32	48.59	-53.60	71.01	-354.40	2.80	-74.01
			63	29.07	-53.61	-61.69	-464.78	-22.90	78.52
10	fondazion e	4, 6	0	-87.03	-71.41	-192.34	324.41	-24.95	-99.19
			32	-50.04	-71.42	-73.14	422.92	2.89	-71.57
			63	-35.48	-71.43	81.24	534.08	-22.11	78.34
11	fondazion e	5, 6	0	-276.56	62.03	682.90	-598.56	-23.28	-69.68
			40	-219.79	62.03	425.39	-664.94	-2.62	-42.57
			81	-212.07	62.03	157.42	-697.31	16.55	-42.19
12	fondazion e	5, 6	0	-94.77	17.98	47.19	-78.20	-11.77	-26.20
			46	4.06	17.98	7.38	-89.05	0.36	-26.45
			91	99.60	17.98	-32.61	-77.07	12.18	-26.19
13	fondazion e	5, 6	0	220.72	65.08	-165.56	-730.25	-16.76	-41.83
			40	228.92	65.08	-445.19	-697.38	2.33	-42.09
			81	286.51	65.08	-716.01	-630.59	22.69	-68.52
14	piano l	1, 2	0	1.50	-14.35	528.94	-377.86	4.59	3.28
			140	1.50	-14.35	-0.06	-377.86	0.00	3.28
			280	1.50	-14.35	-529.06	-377.86	-4.59	3.28
15	piano l	1, 3	0	-1393.91	-457.63	24.40	235.60	274.17	456.96
			60	-1393.91	-457.63	125.32	235.60	0.00	456.96
			120	-1393.91	-457.63	263.87	235.60	-274.17	456.96
16	piano l	7, 1	0	12017.18	0.00	0.00	-23.20	-50.91	-169.70
			30	12017.18	0.00	-6.96	-23.20	0.00	-169.70
			60	12017.18	0.00	-13.92	-23.20	50.91	-169.70
17	piano l	1, 13	0	1527.28	0.00	-1.20	4.01	3204.58	21363.88
			15	1527.28	0.00	-0.60	4.01	0.00	21363.88
			30	1527.28	0.00	0.00	4.01	-3204.58	21363.88
18	piano l	2, 4	0	1411.35	-457.97	-27.48	-242.55	274.36	457.26
			60	1411.35	-457.97	-125.61	-242.55	0.00	457.26
			120	1411.35	-457.97	-268.30	-242.55	-274.36	457.26
19	piano l	2, 8	0	-12023.82	0.00	13.98	-23.30	-49.03	-163.42
			30	-12023.82	0.00	6.99	-23.30	0.00	-163.42
			60	-12023.82	0.00	0.00	-23.30	49.03	-163.42
20	piano l	2, 14	0	-1470.82	0.00	1.21	-4.04	3206.35	21375.67
			15	-1470.82	0.00	0.61	-4.04	0.00	21375.67
			30	-1470.82	0.00	0.00	-4.04	-3206.35	21375.67
21	piano l	3, 5	0	1006.84	347.60	502.35	-1022.20	-773.30	-2440.48
			32	1006.84	347.60	205.25	-1022.20	0.00	-2440.48
			63	1006.84	347.60	-151.00	-1022.20	773.30	-2440.48
22	piano l	4, 6	0	-1013.86	348.64	-503.47	1011.83	-773.96	-2442.58
			32	-1013.86	348.64	-209.58	1011.83	0.00	-2442.58
			63	-1013.86	348.64	143.71	1011.83	773.96	-2442.58
23	piano l	5, 6	0	0.36	110.77	1100.71	-891.61	-50.23	-40.68
			123	0.36	110.77	-0.01	-891.61	0.00	-40.68
			247	0.36	110.77	-1100.72	-891.61	50.23	-40.68
24	piano l	9, 5	0	21949.43	0.00	0.00	-81.91	293.57	816.52
			36	21949.43	0.00	-29.45	-81.91	0.00	816.52
			72	21949.43	0.00	-58.90	-81.91	-293.57	816.52
25	piano l	6, 10	0	-21949.80	0.00	58.84	-81.83	298.63	830.62
			36	-21949.80	0.00	29.42	-81.83	0.00	830.62
			72	-21949.80	0.00	0.00	-81.83	-298.63	830.62
26	piano l	1	0	-324.65	42.88	-98.25	53.13	-1586.23	-840.59
			200	-324.65	42.88	8.98	53.13	94.98	-840.59
			400	-324.65	42.88	114.37	53.13	1776.15	-840.59
27	piano l	2	0	319.45	42.86	91.77	-49.90	-1586.95	-841.23
			200	319.45	42.86	-9.10	-49.90	95.55	-841.23
			400	319.45	42.86	-107.96	-49.90	1778.00	-841.23
28	piano l	3	0	1303.23	42.71	-256.80	116.08	-881.27	-579.15
			200	1303.23	42.71	-25.30	116.08	277.02	-579.15
			400	1303.23	42.71	207.63	116.08	1435.32	-579.15
29	piano l	4	0	-1300.23	42.71	250.13	-112.82	-882.54	-580.39
			200	-1300.23	42.71	25.19	-112.82	278.23	-580.39
			400	-1300.23	42.71	-201.29	-112.82	1439.00	-580.39
30	piano l	5	0	-265.78	88.51	1019.09	-749.58	-1859.82	-1038.91
			200	-265.78	88.51	-482.44	-749.58	218.01	-1038.91

			400	-265.78	88.51	-1979.28	-749.58	2295.81	-1038.91
<b>31</b>	piano 1	6	0	264.67	88.53	-1024.42	751.88	-1853.74	-1034.94
			200	264.67	88.53	481.64	751.88	216.16	-1034.94
			400	264.67	88.53	1983.15	751.88	2286.04	-1034.94

#### 4.1.7.3 Piastre SLV

Tabella 22.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	-5.889	1.726	-3.864	-979.364	-383.455	-548.429	-28.248	50.440

#### 4.1.8 Risultati Condizioni (Sisma Y).

Tabella 23.I

Direzione Y			
Modo	f [Hz]	T [s]	Gx %
1	18.085	0.055	58.4
2	3.623	0.276	40.3
Totale Gx (>=85%)			98.7

#### 4.1.8.1 Cinematismi nodali SLV

Tabella 24.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0057	0.2856	0.3866	0.003098	-0.000422	0.000011
2	-0.0070	0.2857	0.3865	0.003052	0.000434	-0.000008
3	0.0005	0.2870	-0.0288	0.003175	-0.000046	-0.000004
4	-0.0013	0.2874	-0.0277	0.003154	0.000054	-0.000002
5	-0.0056	0.2975	-0.2951	0.003956	0.000359	0.000003
6	0.0054	0.2981	-0.2949	0.003961	-0.000372	-0.000007
7	-0.0004	0.2538	-0.4936	0.003631	-0.000255	0.000000
8	-0.0001	0.2549	-0.4916	0.003577	0.000287	0.000000
9	0.0007	0.2550	0.4491	0.002832	0.000195	0.000000
10	0.0012	0.2540	0.4452	0.002818	-0.000123	0.000000
11	0.0011	0.2543	0.3866	0.003098	-0.000422	0.000011
12	0.0007	0.2550	0.3865	0.003052	0.000434	-0.000008
13	0.0004	0.2543	-0.0288	0.003175	-0.000046	-0.000004
14	-0.0005	0.2550	-0.0277	0.003154	0.000054	-0.000002
15	-0.0002	0.2545	-0.2951	0.003956	0.000359	0.000003
16	-0.0002	0.2551	-0.2949	0.003961	-0.000372	-0.000007
17	-0.0002	0.2542	-0.4958	0.003281	0.000258	0.000000
18	-0.0002	0.2538	-0.4539	0.003335	0.000451	0.000000
19	-0.0005	0.2541	-0.4521	0.003248	-0.000434	0.000000
20	-0.0004	0.2549	-0.4927	0.003436	-0.000283	0.000000
21	-0.0004	0.2548	-0.1427	0.003388	-0.000026	0.000000
22	0.0006	0.2550	0.1687	0.002805	0.000156	0.000000
23	0.0007	0.2549	0.4224	0.002957	0.000505	0.000000
24	0.0008	0.2540	0.3774	0.002422	0.000301	0.000000
25	0.0010	0.2538	0.3777	0.002451	-0.000309	0.000000
26	0.0012	0.2542	0.4236	0.002965	-0.000497	0.000000
27	0.0006	0.2539	0.1654	0.002810	-0.000141	0.000000
28	-0.0002	0.2538	-0.1454	0.003372	-0.000038	0.000000
29	0.0010	0.2539	0.3526	0.002565	-0.000424	0.000009
30	0.0009	0.2538	0.3343	0.002413	-0.000018	-0.000003
31	0.0008	0.2542	0.3512	0.002545	0.000431	-0.000011
32	0.0007	0.2541	0.1797	0.002482	-0.000213	-0.000003
33	0.0006	0.2548	0.1803	0.002498	0.000241	-0.000004
34	-0.0002	0.2538	-0.2671	0.003137	0.000241	0.000009

35	-0.0002	0.2540	-0.2665	0.003121	-0.000232	-0.000010
36	-0.0003	0.2549	-0.3959	0.003461	-0.000257	0.000000
37	0.0006	0.2540	0.1742	0.002728	-0.000158	0.000000
38	0.0003	0.2540	-0.0873	0.003298	0.000044	0.000000
39	0.0007	0.2549	0.4045	0.003011	0.000494	0.000000
40	0.0006	0.2537	0.1509	0.002458	-0.000059	0.000000
41	0.0004	0.2537	-0.0441	0.002728	-0.000061	0.000000
42	-0.0003	0.2542	-0.3653	0.003310	-0.000434	0.000000
43	-0.0003	0.2539	-0.3515	0.003230	-0.000182	0.000000
44	0.0010	0.2540	0.3358	0.002799	-0.000201	0.000000
45	-0.0002	0.2540	-0.2935	0.003481	-0.000096	0.000000
46	0.0008	0.2544	0.3767	0.002651	0.000415	0.000000
47	0.0007	0.2550	0.3728	0.002880	0.000266	0.000000
48	0.0007	0.2549	0.3094	0.002759	0.000266	0.000000
49	-0.0003	0.2549	-0.2674	0.003482	0.000127	0.000000
50	-0.0002	0.2549	-0.3883	0.003522	0.000048	0.000000
51	0.0004	0.2541	-0.0409	0.002765	0.000091	0.000000
52	0.0006	0.2541	0.1587	0.002498	0.000220	0.000000
53	0.0007	0.2538	0.1613	0.002532	-0.000227	0.000000
54	-0.0004	0.2539	-0.0392	0.002821	-0.000076	0.000000
55	0.0011	0.2543	0.3803	0.003098	-0.000422	0.000011
56	0.0007	0.2549	0.3800	0.003052	0.000434	-0.000008
57	0.0009	0.2543	0.3402	0.003098	-0.000422	0.000011
58	0.0004	0.2543	0.0208	0.003175	-0.000046	-0.000004
59	0.0008	0.2550	0.3407	0.003052	0.000434	-0.000008
60	-0.0005	0.2550	0.0213	0.003154	0.000054	-0.000002
61	0.0003	0.2543	-0.0763	0.003175	-0.000046	-0.000004
62	-0.0002	0.2545	-0.3028	0.003956	0.000359	0.000003
63	-0.0004	0.2550	-0.0749	0.003154	0.000054	-0.000002
64	-0.0002	0.2552	-0.3028	0.003961	-0.000372	-0.000007
65	-0.0001	0.2545	-0.3388	0.003956	0.000359	0.000003
66	-0.0003	0.2551	-0.3385	0.003961	-0.000372	-0.000007
67	-0.0123	4.5794	0.3852	0.003379	0.000161	0.000016
68	-0.0109	4.5751	0.3849	0.003375	-0.000142	0.000016
69	-0.0115	4.5645	0.3491	0.003379	0.000161	0.000016
70	-0.0140	4.5800	0.0509	0.003322	0.000895	0.000016
71	-0.0116	4.5647	0.3725	0.003379	0.000174	0.000016
72	-0.0123	4.5799	0.3804	0.003379	0.000161	0.000016
73	-0.0126	4.5797	0.4504	0.003379	0.000161	0.000016
74	-0.0124	4.5635	0.5518	0.003382	0.000161	0.000016
75	-0.0114	4.5597	0.3491	0.003375	-0.000142	0.000016
76	-0.0054	4.5752	0.0515	0.003321	-0.000854	0.000016
77	-0.0109	4.5746	0.3807	0.003375	-0.000142	0.000016
78	-0.0116	4.5575	0.3739	0.003375	-0.000155	0.000016
79	-0.0112	4.5748	0.4503	0.003375	-0.000142	0.000016
80	-0.0124	4.5587	0.5515	0.003378	-0.000142	0.000016
81	-0.0135	4.5800	-0.0491	0.003322	0.000895	0.000016
82	-0.0109	4.5759	-0.3603	0.008293	0.001937	0.000016
83	-0.0049	4.5752	-0.0482	0.003321	-0.000854	0.000016
84	-0.0053	4.5711	-0.3593	0.008283	-0.001900	0.000016
85	-0.0195	4.6127	-0.3557	0.008293	0.001937	0.000016
86	0.0035	4.6088	-0.3557	0.008283	-0.001900	0.000016
87	-0.0079	4.5647	-0.5703	0.008293	0.002113	0.000016
88	-0.0195	4.6133	-0.4227	0.008293	0.001937	0.000016
89	0.0035	4.6083	-0.4214	0.008283	-0.001900	0.000016
90	-0.0079	4.5575	-0.5664	0.008283	-0.002075	0.000016
91	-0.0093	4.5160	0.3997	0.003379	0.000161	0.000016
92	-0.0137	4.5111	0.3997	0.003375	-0.000142	0.000016
93	-0.0007	4.5322	0.0082	0.003322	0.000895	0.000016
94	-0.0178	4.5273	0.0086	0.003321	-0.000854	0.000016
95	0.0181	4.4555	-0.3235	0.008293	0.001937	0.000016
96	-0.0337	4.4513	-0.3231	0.008283	-0.001900	0.000016
97	-0.0001	0.2538	-0.3047	0.003137	0.000241	0.000009
98	-0.0003	0.2540	-0.3039	0.003121	-0.000232	-0.000010

## 4.1.8.2 Sollecitazioni SLV

Tabella 25.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz	Txz [daN]	Mxy	Txy [daN]

						[daNm]		[daNm]	
1	fondazion e	1, 2	0	54.02	-137.18	-70.95	359.41	12.43	81.34
			31	53.76	-137.16	9.41	155.86	-2.23	12.69
			63	53.52	-137.15	27.34	-40.06	5.27	-57.41
2	fondazion e	1, 2	0	71.65	-31.57	70.77	307.00	5.32	77.60
			39	71.63	-31.56	144.22	73.61	-8.55	-8.26
			78	71.63	-31.55	128.70	-153.66	11.35	-93.91
3	fondazion e	1, 2	0	60.26	27.40	136.32	168.78	11.32	93.52
			39	60.05	27.41	157.82	-58.04	-8.42	7.83
			78	59.87	27.42	90.65	-290.53	5.57	-78.11
4	fondazion e	1, 2	0	50.24	130.32	49.52	-24.23	5.46	58.21
			31	50.09	130.33	11.71	-219.43	-2.20	-11.91
			63	49.96	130.34	-88.43	-422.66	12.24	-80.77
5	fondazion e	1, 3	0	-182.88	55.68	527.20	-801.95	-9.84	-20.34
			30	-120.63	55.67	261.64	-953.30	-3.73	-20.52
			60	-85.07	55.67	-48.50	-1066.58	2.72	-20.67
6	fondazion e	1, 3	0	126.57	44.79	78.10	-1164.68	2.72	11.32
			30	141.27	44.79	-288.48	-1239.03	-0.86	11.33
			60	200.25	44.79	-666.48	-1272.12	-4.15	11.35
7	fondazion e	2, 4	0	-167.56	-51.50	466.97	-687.59	9.33	19.39
			30	-104.89	-51.50	235.70	-836.32	3.54	19.23
			60	-73.93	-51.50	-40.48	-950.05	-2.26	19.08
8	fondazion e	2, 4	0	120.26	-50.25	94.74	-1169.53	-2.29	-10.05
			30	133.68	-50.25	-273.14	-1244.13	0.93	-10.05
			60	192.91	-50.25	-652.99	-1277.51	3.83	-10.06
9	fondazion e	3, 5	0	82.66	102.33	-318.92	12.11	-2.95	-16.20
			32	114.57	102.33	-315.19	69.50	2.31	-16.22
			63	180.37	102.33	-284.67	201.69	7.41	-16.26
10	fondazion e	4, 6	0	87.38	-107.49	-398.74	225.44	2.13	12.67
			32	122.16	-107.49	-325.01	287.35	-2.04	12.65
			63	188.08	-107.49	-225.92	420.53	-5.99	12.61
11	fondazion e	5, 6	0	15.07	-162.77	220.88	-791.44	23.95	114.03
			40	15.03	-162.75	-52.72	-559.36	-5.41	35.02
			81	14.99	-162.73	-232.76	-343.95	13.90	-70.36
12	fondazion e	5, 6	0	-68.26	-2.91	-85.14	-254.08	11.63	100.97
			46	-68.32	-2.89	-146.16	-15.05	-11.85	0.23
			91	-68.42	-2.87	-98.89	223.73	11.52	-100.70
13	fondazion e	5, 6	0	15.63	167.15	-246.40	361.17	14.07	69.15
			40	15.54	167.17	-58.98	576.63	-5.16	-36.34
			81	15.46	167.19	221.24	808.33	25.06	-115.98
14	piano l	1, 2	0	160.11	-0.10	-7.49	1.03	0.03	0.02
			140	160.11	-0.10	-6.13	1.03	0.00	0.02
			280	160.11	-0.10	-4.85	1.03	-0.03	0.02
15	piano l	1, 3	0	4281.83	55.35	585.77	-947.85	-22.77	-37.95
			60	4281.83	55.35	18.76	-947.85	0.00	-37.95
			120	4281.83	55.35	-551.76	-947.85	22.77	-37.95
16	piano l	7, 1	0	-396.80	0.00	0.00	-17.54	-553.99	-1846.62
			30	-396.80	0.00	-5.26	-17.54	0.00	-1846.62
			60	-396.80	0.00	-10.52	-17.54	553.99	-1846.62
17	piano l	1, 13	0	16619.58	0.00	-1.72	5.74	-105.81	-705.43
			15	16619.58	0.00	-0.86	5.74	0.00	-705.43
			30	16619.58	0.00	0.00	5.74	105.81	-705.43
18	piano l	2, 4	0	4280.49	-53.69	587.80	-951.71	21.75	36.24
			60	4280.49	-53.69	18.52	-951.71	0.00	36.24
			120	4280.49	-53.69	-554.36	-951.71	-21.75	36.24
19	piano l	2, 8	0	-350.37	0.00	-10.56	17.59	553.31	1844.36
			30	-350.37	0.00	-5.28	17.59	0.00	1844.36
			60	-350.37	0.00	0.00	17.59	-553.31	1844.36
20	piano l	2, 14	0	16599.26	0.00	-1.73	5.76	93.43	622.89
			15	16599.26	0.00	-0.86	5.76	0.00	622.89

			30	16599.26	0.00	0.00	5.76	-93.43	622.89
<b>21</b>	piano l	3, 5	0	-2197.81	148.98	79.75	-3288.64	28.93	91.29
			32	-2197.81	148.98	-970.01	-3288.64	0.00	91.29
			63	-2197.81	148.98	-2012.04	-3288.64	-28.93	91.29
<b>22</b>	piano l	4, 6	0	-2201.61	-149.58	77.45	-3276.09	-26.17	-82.58
			32	-2201.61	-149.58	-968.43	-3276.09	0.00	-82.58
			63	-2201.61	-149.58	-2006.48	-3276.09	26.17	-82.58
<b>23</b>	piano l	5, 6	0	2866.34	-0.29	-90.34	2.20	0.13	0.11
			123	2866.34	-0.29	-87.78	2.20	0.00	0.11
			247	2866.34	-0.29	-85.22	2.20	-0.13	0.11
<b>24</b>	piano l	9, 5	0	-4968.23	0.00	0.00	49.81	-1183.40	-3291.51
			36	-4968.23	0.00	17.91	49.81	0.00	-3291.51
			72	-4968.23	0.00	35.81	49.81	1183.40	-3291.51
<b>25</b>	piano l	6, 10	0	-4874.03	0.00	35.61	-49.52	1182.07	3287.83
			36	-4874.03	0.00	17.81	-49.52	0.00	3287.83
			72	-4874.03	0.00	0.00	-49.52	-1182.07	3287.83
<b>26</b>	piano l	1	0	1076.78	0.23	-1451.78	730.31	12.90	15.45
			200	1076.78	0.23	11.96	730.31	-18.00	15.45
			400	1076.78	0.23	1469.48	730.31	-48.89	15.45
<b>27</b>	piano l	2	0	1083.86	0.55	-1453.59	731.87	-6.25	-11.96
			200	1083.86	0.55	13.23	731.87	17.80	-11.96
			400	1083.86	0.55	1473.92	731.87	41.70	-11.96
<b>28</b>	piano l	3	0	2390.77	0.41	-1461.69	733.11	-107.37	-39.18
			200	2390.77	0.41	4.57	733.11	-29.03	-39.18
			400	2390.77	0.41	1470.75	733.11	49.33	-39.18
<b>29</b>	piano l	4	0	2374.21	0.37	-1461.31	733.22	109.85	40.93
			200	2374.21	0.37	5.16	733.22	27.99	40.93
			400	2374.21	0.37	1471.56	733.22	-53.88	40.93
<b>30</b>	piano l	5	0	-3506.27	0.60	-1751.45	1112.60	-921.10	-479.16
			200	-3506.27	0.60	473.86	1112.60	37.42	-479.16
			400	-3506.27	0.60	2698.98	1112.60	995.56	-479.16
<b>31</b>	piano l	6	0	-3488.59	0.97	-1743.06	1106.42	924.79	481.84
			200	-3488.59	0.97	469.90	1106.42	-39.10	481.84
			400	-3488.59	0.97	2682.67	1106.42	-1002.55	481.84

#### 4.1.8.3 Piastre SLV

Tabella 26.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	3.485	-5.414	-3.979	-712.706	1048.094	327.624	-23.204	-56.417

#### 4.1.9 Risultati Condizioni (Vento (+X)).

##### 4.1.9.1 Cinematismi nodali SLU

Tabella 27.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
<b>1</b>	0.0005	0.0001	0.0007	0.000006	-0.000001	-0.000004
<b>2</b>	0.0005	0.0013	0.0011	0.000010	0.000001	-0.000004
<b>3</b>	-0.0001	0.0001	-0.0001	0.000006	0.000000	-0.000004
<b>4</b>	-0.0001	0.0013	-0.0001	0.000009	0.000000	-0.000004
<b>5</b>	-0.0004	0.0002	-0.0005	0.000007	0.000001	-0.000004
<b>6</b>	-0.0003	0.0012	-0.0008	0.000011	-0.000001	-0.000004
<b>7</b>	-0.0005	-0.0002	-0.0009	0.000006	0.000000	0.000000
<b>8</b>	-0.0005	0.0014	-0.0014	0.000010	0.000000	0.000000
<b>9</b>	0.0005	0.0014	0.0013	0.000008	0.000000	0.000000
<b>10</b>	0.0005	-0.0002	0.0008	0.000005	0.000000	0.000000
<b>11</b>	0.0005	0.0000	0.0007	0.000006	-0.000001	-0.000004
<b>12</b>	0.0005	0.0012	0.0011	0.000010	0.000001	-0.000004
<b>13</b>	-0.0001	0.0000	-0.0001	0.000006	0.000000	-0.000004
<b>14</b>	-0.0001	0.0012	-0.0001	0.000009	0.000000	-0.000004
<b>15</b>	-0.0003	0.0001	-0.0005	0.000007	0.000001	-0.000004
<b>16</b>	-0.0003	0.0011	-0.0008	0.000011	-0.000001	-0.000004
<b>17</b>	-0.0005	0.0001	-0.0009	0.000006	0.000000	0.000000



18	-0.0005	0.0004	-0.0009	0.000007	-0.000001	0.000000
19	-0.0006	0.0008	-0.0011	0.000008	-0.000003	0.000000
20	-0.0006	0.0011	-0.0014	0.000009	-0.000001	0.000000
21	-0.0002	0.0014	-0.0004	0.000009	0.000000	0.000000
22	0.0002	0.0014	0.0005	0.000008	0.000000	0.000000
23	0.0005	0.0011	0.0012	0.000009	0.000002	0.000000
24	0.0005	0.0008	0.0010	0.000006	0.000003	0.000000
25	0.0005	0.0004	0.0008	0.000005	0.000001	0.000000
26	0.0005	0.0001	0.0008	0.000006	-0.000001	0.000000
27	0.0002	-0.0002	0.0003	0.000005	0.000000	0.000000
28	-0.0002	-0.0002	-0.0003	0.000006	0.000000	0.000000
29	0.0005	0.0003	0.0007	0.000005	0.000000	-0.000003
30	0.0005	0.0006	0.0008	0.000006	0.000002	-0.000004
31	0.0005	0.0009	0.0010	0.000007	0.000002	-0.000004
32	0.0002	0.0000	0.0003	0.000005	0.000000	-0.000003
33	0.0002	0.0011	0.0005	0.000006	0.000001	-0.000003
34	-0.0003	0.0004	-0.0005	0.000006	-0.000001	-0.000004
35	-0.0003	0.0007	-0.0007	0.000008	-0.000002	-0.000004
36	-0.0004	0.0011	-0.0011	0.000009	-0.000001	0.000000
37	0.0002	-0.0001	0.0003	0.000005	0.000000	0.000000
38	-0.0001	-0.0001	-0.0002	0.000006	0.000000	0.000000
39	0.0005	0.0011	0.0012	0.000010	0.000001	0.000000
40	0.0002	0.0005	0.0003	0.000006	0.000001	0.000000
41	-0.0001	0.0005	-0.0001	0.000006	0.000000	0.000000
42	-0.0004	0.0008	-0.0009	0.000008	-0.000003	0.000000
43	-0.0004	0.0007	-0.0008	0.000008	-0.000002	0.000000
44	0.0004	-0.0001	0.0006	0.000005	0.000000	0.000000
45	-0.0003	-0.0001	-0.0005	0.000006	0.000000	0.000000
46	0.0005	0.0009	0.0010	0.000008	0.000002	0.000000
47	0.0004	0.0013	0.0011	0.000009	0.000001	0.000000
48	0.0004	0.0013	0.0009	0.000008	0.000001	0.000000
49	-0.0003	0.0013	-0.0008	0.000010	0.000000	0.000000
50	-0.0004	0.0013	-0.0011	0.000010	0.000000	0.000000
51	-0.0001	0.0008	-0.0001	0.000007	0.000000	0.000000
52	0.0002	0.0008	0.0004	0.000007	0.000001	0.000000
53	0.0002	0.0003	0.0003	0.000005	0.000000	0.000000
54	-0.0001	0.0003	-0.0001	0.000005	0.000000	0.000000
55	0.0005	0.0001	0.0007	0.000006	-0.000001	-0.000004
56	0.0005	0.0011	0.0011	0.000010	0.000001	-0.000004
57	0.0004	0.0000	0.0006	0.000006	-0.000001	-0.000004
58	0.0000	0.0000	0.0000	0.000006	0.000000	-0.000004
59	0.0004	0.0012	0.0010	0.000010	0.000001	-0.000004
60	0.0000	0.0012	0.0001	0.000009	0.000000	-0.000004
61	-0.0001	0.0000	-0.0002	0.000006	0.000000	-0.000004
62	-0.0003	0.0000	-0.0006	0.000007	0.000001	-0.000004
63	-0.0001	0.0011	-0.0002	0.000009	0.000000	-0.000004
64	-0.0003	0.0012	-0.0008	0.000011	-0.000001	-0.000004
65	-0.0004	0.0001	-0.0006	0.000007	0.000001	-0.000004
66	-0.0004	0.0010	-0.0009	0.000011	-0.000001	-0.000004
67	0.0027	0.0048	0.0007	0.000005	-0.000001	-0.000022
68	0.0027	0.0108	0.0011	0.000008	-0.000002	-0.000022
69	0.0025	0.0044	0.0006	0.000005	-0.000001	-0.000022
70	-0.0001	0.0044	0.0000	0.000006	0.000002	-0.000022
71	0.0027	0.0028	0.0008	0.000005	-0.000001	-0.000022
72	0.0027	0.0041	0.0007	0.000005	-0.000001	-0.000022
73	0.0031	0.0044	0.0008	0.000005	-0.000001	-0.000022
74	0.0038	0.0044	0.0010	0.000005	-0.000001	-0.000022
75	0.0025	0.0111	0.0010	0.000008	-0.000002	-0.000022
76	-0.0001	0.0111	0.0001	0.000008	0.000000	-0.000022
77	0.0027	0.0115	0.0010	0.000008	-0.000002	-0.000022
78	0.0027	0.0127	0.0009	0.000008	-0.000002	-0.000022
79	0.0031	0.0111	0.0012	0.000008	-0.000002	-0.000022
80	0.0038	0.0111	0.0015	0.000008	-0.000002	-0.000022
81	-0.0008	0.0045	-0.0001	0.000006	0.000002	-0.000022
82	-0.0021	0.0044	-0.0006	0.000010	0.000004	-0.000022
83	-0.0008	0.0111	-0.0001	0.000008	0.000000	-0.000022
84	-0.0021	0.0111	-0.0009	0.000017	-0.000001	-0.000022
85	-0.0023	0.0052	-0.0006	0.000010	0.000004	-0.000022
86	-0.0023	0.0105	-0.0010	0.000017	-0.000001	-0.000022
87	-0.0023	0.0028	-0.0010	0.000010	0.000004	-0.000022
88	-0.0023	0.0044	-0.0007	0.000010	0.000004	-0.000022
89	-0.0023	0.0113	-0.0010	0.000017	-0.000001	-0.000022

90	-0.0023	0.0127	-0.0010	0.000017	-0.000001	-0.000022
91	0.0028	0.0043	0.0007	0.000005	-0.000001	-0.000022
92	0.0028	0.0110	0.0011	0.000008	-0.000002	-0.000022
93	-0.0004	0.0043	-0.0001	0.000006	0.000002	-0.000022
94	-0.0004	0.0110	0.0000	0.000008	0.000000	-0.000022
95	-0.0021	0.0047	-0.0006	0.000010	0.000004	-0.000022
96	-0.0021	0.0105	-0.0009	0.000017	-0.000001	-0.000022
97	-0.0004	0.0004	-0.0006	0.000006	-0.000001	-0.000004
98	-0.0004	0.0007	-0.0008	0.000008	-0.000002	-0.000004

#### 4.1.9.2 Sollecitazioni SLU

Tabella 28.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	-0.73	-1.13	6.48	-4.51	2.80	5.87
			31	0.37	-1.13	4.40	-7.72	1.01	5.53
			63	1.48	-1.13	1.32	-10.95	-0.63	4.93
2	fondazione	1, 2	0	2.63	0.89	3.36	3.73	-0.96	-0.52
			39	4.00	0.89	3.81	-0.38	-0.56	-1.61
			78	5.38	0.89	2.62	-4.75	0.35	-3.11
3	fondazione	1, 2	0	1.98	2.42	2.84	1.33	-0.01	0.74
			39	3.35	2.42	2.24	-3.44	0.06	-1.17
			78	4.73	2.42	-0.30	-8.71	0.95	-3.48
4	fondazione	1, 2	0	3.38	6.00	-0.18	-11.17	0.61	6.59
			31	4.49	6.00	-4.55	-15.82	-1.12	4.43
			63	5.60	6.00	-10.43	-20.78	-2.13	2.00
5	fondazione	1, 3	0	-0.29	1.54	5.85	-7.98	2.36	3.51
			30	-0.22	1.54	3.07	-10.40	1.18	4.32
			60	-0.15	1.54	-0.34	-12.13	-0.21	4.89
6	fondazione	1, 3	0	-0.55	0.45	1.13	-12.07	-0.45	0.88
			30	-0.48	0.45	-2.68	-13.14	-0.77	1.22
			60	-0.41	0.45	-6.71	-13.53	-1.16	1.32
7	fondazione	2, 4	0	-6.42	-0.86	24.74	-38.98	3.16	5.17
			30	-7.94	-0.86	12.07	-42.67	1.48	5.98
			60	-9.45	-0.86	-1.54	-45.36	-0.40	6.55
8	fondazione	2, 4	0	12.38	-1.63	4.19	-45.83	-0.77	-0.31
			30	10.86	-1.63	-10.24	-47.65	-0.73	0.03
			60	9.35	-1.63	-25.09	-48.53	-0.76	0.13
9	fondazione	3, 5	0	-16.57	1.44	-4.63	0.15	3.27	13.05
			32	-16.49	1.44	-4.43	1.37	-0.80	12.64
			63	-16.42	1.44	-3.69	3.54	-4.71	11.95
10	fondazione	4, 6	0	17.70	-2.79	-0.15	-17.93	3.50	14.73
			32	18.59	-2.79	-6.01	-16.22	-1.11	14.31
			63	17.98	-2.79	-11.09	-13.03	-5.54	13.63
11	fondazione	5, 6	0	13.39	-0.90	-3.78	-3.04	4.03	7.90
			40	12.21	-0.90	-4.08	0.67	0.95	7.26
			81	11.03	-0.90	-2.89	4.38	-1.77	6.19
12	fondazione	5, 6	0	-2.45	1.96	-3.98	-0.84	-0.54	0.29
			46	-3.78	1.96	-3.17	3.56	-0.30	-1.43
			91	-5.10	1.96	-0.26	8.43	0.85	-3.71
13	fondazione	5, 6	0	-13.89	5.77	-7.70	19.29	1.58	8.19
			40	-15.07	5.77	1.22	24.12	-1.24	5.71
			81	-16.25	5.77	12.21	29.54	-2.97	2.78
14	piano l	1, 2	0	2.29	1.09	5.98	-4.39	-0.35	-0.25
			140	2.29	1.09	-0.18	-4.39	0.00	-0.25

			280	2.29	1.09	-6.33	-4.39	0.35	-0.25
15	piano l	1, 3	0	69.65	3.82	4.45	-10.51	-0.79	-1.32
			60	69.65	3.82	-1.86	-10.51	0.00	-1.32
			120	69.65	3.82	-8.16	-10.51	0.79	-1.32
16	piano l	7, 1	0	25.88	0.00	0.00	0.00	-14.56	-48.52
			30	25.88	0.00	0.00	0.00	0.00	-48.52
			60	25.88	0.00	0.00	0.00	14.56	-48.52
17	piano l	1, 13	0	218.33	0.00	0.00	0.00	13.80	92.03
			15	218.33	0.00	0.00	0.00	0.00	92.03
			30	218.33	0.00	0.00	0.00	-13.80	92.03
18	piano l	2, 4	0	100.50	2.08	7.04	-13.03	0.01	0.02
			60	92.29	2.08	-0.78	-13.03	0.00	0.02
			120	84.08	2.08	-8.59	-13.03	-0.01	0.02
19	piano l	2, 8	0	-36.59	0.00	0.00	0.00	22.15	73.82
			30	-36.59	0.00	0.00	0.00	0.00	73.82
			60	-36.59	0.00	0.00	0.00	-22.15	73.82
20	piano l	2, 14	0	332.18	0.00	0.00	0.00	19.52	130.10
			15	332.18	0.00	0.00	0.00	0.00	130.10
			30	332.18	0.00	0.00	0.00	-19.52	130.10
21	piano l	3, 5	0	-68.48	4.80	-5.55	-27.74	0.98	3.11
			32	-68.48	4.80	-14.34	-27.74	0.00	3.11
			63	-68.48	4.80	-23.13	-27.74	-0.98	3.11
22	piano l	4, 6	0	-71.72	-0.97	-10.98	-53.53	0.04	0.14
			32	-73.57	-0.97	-27.94	-53.53	0.00	0.14
			63	-76.92	-0.97	-44.90	-53.53	-0.04	0.14
23	piano l	5, 6	0	26.97	2.82	-8.84	5.82	-1.28	-1.03
			123	26.97	2.82	-1.65	5.82	0.00	-1.03
			247	26.97	2.82	5.53	5.82	1.28	-1.03
24	piano l	9, 5	0	-81.04	0.00	0.00	0.00	-25.74	-71.60
			36	-81.04	0.00	0.00	0.00	0.00	-71.60
			72	-81.04	0.00	0.00	0.00	25.74	-71.60
25	piano l	6, 10	0	-11.56	0.00	0.00	0.00	40.80	113.49
			36	-11.56	0.00	0.00	0.00	0.00	113.49
			72	-11.56	0.00	0.00	0.00	-40.80	113.49
26	piano l	1	0	14.90	-6.94	-16.55	8.12	-14.90	-7.57
			200	14.90	-6.94	-0.30	8.12	0.25	-7.57
			400	14.90	-6.94	15.95	8.12	15.39	-7.57
27	piano l	2	0	8.64	-6.90	-29.75	-4.63	-15.90	-8.69
			200	8.64	-6.90	-11.63	23.85	1.48	-8.69
			400	8.64	-6.90	70.11	59.00	18.87	-8.69
28	piano l	3	0	17.23	-6.98	-14.51	7.40	-0.95	-0.05
			200	17.23	-6.98	0.30	7.40	-0.86	-0.05
			400	17.23	-6.98	15.10	7.40	-0.76	-0.05
29	piano l	4	0	40.50	-6.98	-17.56	-21.74	3.28	1.61
			200	40.50	-6.98	-17.44	23.63	0.06	1.61
			400	40.50	-6.98	84.01	79.59	-3.17	1.61
30	piano l	5	0	-33.56	-14.26	-25.64	16.87	2.15	1.37
			200	-33.56	-14.26	8.10	16.87	-0.59	1.37
			400	-33.56	-14.26	41.85	16.87	-3.33	1.37
31	piano l	6	0	-47.71	-14.19	-38.44	13.51	35.73	13.66
			200	-47.71	-14.19	2.48	28.00	0.38	22.02
			400	-47.71	-14.19	75.89	46.00	-53.72	32.42

#### 4.1.9.3 Piastre SLU

Tabella 29.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	-0.195	-0.458	-0.329	17.741	23.589	-15.774	-1.130	-1.890

#### 4.1.10 Risultati Condizioni (Vento (-X)).

##### 4.1.10.1 Cinematismi nodali SLU

Tabella 30.I

Cinematismi nodali
--------------------

Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0008	0.0001	-0.0004	0.000000	0.000007	0.000000
2	-0.0007	-0.0001	0.0003	0.000000	0.000004	0.000000
3	-0.0007	0.0001	-0.0005	0.000001	0.000008	0.000000
4	-0.0006	-0.0001	0.0004	-0.000001	0.000004	0.000000
5	-0.0007	0.0001	-0.0004	0.000001	0.000007	0.000000
6	-0.0006	-0.0001	0.0004	-0.000001	0.000004	0.000000
7	-0.0005	0.0001	-0.0010	0.000000	0.000006	0.000000
8	-0.0005	-0.0001	0.0007	0.000000	0.000003	0.000000
9	-0.0006	-0.0001	0.0006	0.000000	0.000003	0.000000
10	-0.0007	0.0001	-0.0009	0.000000	0.000006	0.000000
11	-0.0006	0.0001	-0.0004	0.000000	0.000007	0.000000
12	-0.0006	-0.0001	0.0003	0.000000	0.000004	0.000000
13	-0.0006	0.0001	-0.0005	0.000001	0.000008	0.000000
14	-0.0006	-0.0001	0.0004	-0.000001	0.000004	0.000000
15	-0.0006	0.0001	-0.0004	0.000001	0.000007	0.000000
16	-0.0006	-0.0001	0.0004	-0.000001	0.000004	0.000000
17	-0.0005	0.0001	-0.0005	0.000000	0.000006	0.000000
18	-0.0005	0.0000	0.0000	0.000001	0.000003	0.000000
19	-0.0005	0.0000	0.0002	0.000000	0.000002	0.000000
20	-0.0005	-0.0001	0.0004	0.000000	0.000003	0.000000
21	-0.0006	-0.0001	0.0007	-0.000001	0.000003	0.000000
22	-0.0006	-0.0001	0.0006	-0.000001	0.000003	0.000000
23	-0.0006	-0.0001	0.0003	0.000000	0.000003	0.000000
24	-0.0006	0.0000	0.0001	0.000000	0.000001	0.000000
25	-0.0006	0.0000	0.0000	0.000000	0.000002	0.000000
26	-0.0007	0.0001	-0.0003	0.000000	0.000006	0.000000
27	-0.0006	0.0001	-0.0009	0.000001	0.000006	0.000000
28	-0.0006	0.0001	-0.0010	0.000001	0.000006	0.000000
29	-0.0006	0.0000	0.0000	0.000001	0.000003	0.000000
30	-0.0006	0.0000	0.0001	0.000000	0.000001	0.000000
31	-0.0006	0.0000	0.0002	0.000000	0.000001	0.000000
32	-0.0006	0.0001	-0.0004	0.000000	0.000006	0.000000
33	-0.0006	-0.0001	0.0004	0.000000	0.000003	0.000000
34	-0.0006	0.0000	0.0000	0.000000	0.000002	0.000000
35	-0.0006	0.0000	0.0002	0.000000	0.000001	0.000000
36	-0.0005	-0.0001	0.0004	-0.000001	0.000003	0.000000
37	-0.0006	0.0001	-0.0007	0.000001	0.000006	0.000000
38	-0.0006	0.0001	-0.0007	0.000001	0.000006	0.000000
39	-0.0006	-0.0001	0.0003	0.000000	0.000003	0.000000
40	-0.0006	0.0000	0.0001	0.000000	0.000001	0.000000
41	-0.0006	0.0000	0.0000	0.000000	0.000002	0.000000
42	-0.0005	0.0000	0.0002	0.000000	0.000002	0.000000
43	-0.0005	0.0000	0.0001	0.000000	0.000002	0.000000
44	-0.0006	0.0001	-0.0007	0.000000	0.000006	0.000000
45	-0.0006	0.0001	-0.0007	0.000000	0.000006	0.000000
46	-0.0006	0.0000	0.0002	0.000000	0.000002	0.000000
47	-0.0006	-0.0001	0.0005	0.000000	0.000003	0.000000
48	-0.0006	-0.0001	0.0005	0.000000	0.000003	0.000000
49	-0.0006	-0.0001	0.0006	-0.000001	0.000003	0.000000
50	-0.0005	-0.0001	0.0006	0.000000	0.000003	0.000000
51	-0.0006	0.0000	0.0002	0.000000	0.000001	0.000000
52	-0.0006	0.0000	0.0002	0.000000	0.000002	0.000000
53	-0.0006	0.0000	-0.0001	0.000000	0.000004	0.000000
54	-0.0006	0.0000	-0.0001	0.000000	0.000003	0.000000
55	-0.0006	0.0001	-0.0003	0.000000	0.000007	0.000000
56	-0.0006	-0.0001	0.0003	0.000000	0.000004	0.000000
57	-0.0006	0.0001	-0.0004	0.000000	0.000007	0.000000
58	-0.0006	0.0001	-0.0005	0.000001	0.000008	0.000000
59	-0.0006	-0.0001	0.0003	0.000000	0.000004	0.000000
60	-0.0006	-0.0001	0.0004	-0.000001	0.000004	0.000000
61	-0.0006	0.0001	-0.0005	0.000001	0.000008	0.000000
62	-0.0006	0.0001	-0.0005	0.000001	0.000007	0.000000
63	-0.0006	-0.0001	0.0004	-0.000001	0.000004	0.000000
64	-0.0006	-0.0001	0.0005	-0.000001	0.000004	0.000000
65	-0.0006	0.0000	-0.0004	0.000001	0.000007	0.000000
66	-0.0005	0.0000	0.0004	-0.000001	0.000004	0.000000
67	-0.0079	0.0002	-0.0004	0.000000	0.000004	0.000002
68	-0.0079	-0.0004	0.0002	0.000000	0.000008	0.000002
69	-0.0079	0.0003	-0.0004	0.000000	0.000004	0.000002
70	-0.0076	0.0003	-0.0005	0.000001	0.000006	0.000002
71	-0.0079	0.0005	-0.0007	0.000000	0.000004	0.000002

72	-0.0079	0.0003	-0.0005	0.000000	0.000004	0.000002
73	-0.0080	0.0003	-0.0004	0.000000	0.000004	0.000002
74	-0.0080	0.0003	-0.0004	0.000000	0.000004	0.000002
75	-0.0079	-0.0005	0.0003	0.000000	0.000008	0.000002
76	-0.0077	-0.0005	0.0004	-0.000002	0.000015	0.000002
77	-0.0079	-0.0005	0.0005	0.000000	0.000008	0.000002
78	-0.0079	-0.0006	0.0009	0.000000	0.000008	0.000002
79	-0.0080	-0.0005	0.0003	0.000000	0.000008	0.000002
80	-0.0080	-0.0005	0.0003	0.000000	0.000008	0.000002
81	-0.0075	0.0003	-0.0005	0.000001	0.000006	0.000002
82	-0.0074	0.0003	-0.0006	0.000002	0.000009	0.000002
83	-0.0076	-0.0005	0.0005	-0.000002	0.000015	0.000002
84	-0.0074	-0.0005	0.0006	-0.000003	0.000013	0.000002
85	-0.0074	0.0002	-0.0003	0.000002	0.000009	0.000002
86	-0.0074	-0.0004	0.0002	-0.000003	0.000013	0.000002
87	-0.0073	0.0005	-0.0013	0.000002	0.000009	0.000002
88	-0.0074	0.0003	-0.0006	0.000002	0.000009	0.000002
89	-0.0074	-0.0005	0.0007	-0.000003	0.000013	0.000002
90	-0.0073	-0.0006	0.0016	-0.000003	0.000013	0.000002
91	-0.0079	0.0003	-0.0004	0.000000	0.000004	0.000002
92	-0.0078	-0.0005	0.0003	0.000000	0.000008	0.000002
93	-0.0075	0.0003	-0.0005	0.000001	0.000006	0.000002
94	-0.0074	-0.0004	0.0004	-0.000002	0.000015	0.000002
95	-0.0072	0.0002	-0.0004	0.000002	0.000009	0.000002
96	-0.0072	-0.0004	0.0004	-0.000003	0.000013	0.000002
97	-0.0006	0.0000	0.0000	0.000000	0.000002	0.000000
98	-0.0005	0.0000	0.0002	0.000000	0.000001	0.000000

#### 4.1.10.2 Sollecitazioni SLU

Tabella 31.I

Asta	Imp.	Fili	X [cm]	N [daN]	Sollecitazioni				
					Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	17.62	0.62	-27.61	37.66	-0.50	-0.87
			31	16.11	0.62	-15.43	38.68	-0.21	-0.98
			63	14.59	0.62	-3.04	39.09	0.11	-1.07
2	fondazione	1, 2	0	10.31	-0.75	-6.50	3.59	0.15	0.27
			39	8.43	-0.75	-4.82	3.58	0.06	0.21
			78	6.57	-0.75	-3.22	3.19	-0.02	0.19
3	fondazione	1, 2	0	6.29	-0.90	-1.45	5.49	0.02	0.22
			39	4.42	-0.90	0.84	4.89	-0.07	0.25
			78	2.56	-0.90	2.87	4.09	-0.18	0.31
4	fondazione	1, 2	0	0.83	0.05	1.21	23.26	-0.14	-1.24
			31	-0.67	0.05	8.58	22.42	0.23	-1.15
			63	-2.17	0.05	15.65	21.30	0.58	-1.05
5	fondazione	1, 3	0	-1.41	-3.41	1.19	-6.09	0.04	-0.79
			30	-1.27	-3.41	-0.37	-4.18	-0.13	1.88
			60	-1.14	-3.41	-1.36	-2.24	-1.10	4.59
6	fondazione	1, 3	0	0.00	4.80	-0.95	-2.03	-1.07	-5.71
			30	0.14	4.80	-1.28	-0.05	0.23	-2.98
			60	0.27	4.80	-1.01	2.00	0.71	-0.23
7	fondazione	2, 4	0	0.48	-1.89	-0.95	4.64	-0.13	1.15
			30	0.35	-1.89	0.22	3.05	-0.26	-0.26
			60	0.21	-1.89	0.91	1.42	0.02	-1.65
8	fondazione	2, 4	0	-0.43	2.00	0.61	0.77	0.07	1.15
			30	-0.57	2.00	0.61	-0.92	-0.07	-0.21
			60	-0.70	2.00	0.09	-2.68	0.19	-1.55
9	fondazione	3, 5	0	4.94	-1.91	-3.11	3.40	0.18	-0.94
			32	5.08	-1.91	-1.69	5.73	0.45	-0.47
			63	5.23	-1.91	0.49	8.21	0.32	1.53

10	fondazione	4, 6	0	-2.53	1.34	3.53	-5.21	-0.25	-0.29
			32	-2.67	1.34	1.59	-7.23	0.06	-1.65
			63	-2.82	1.35	-1.02	-9.39	0.79	-2.98
11	fondazione	5, 6	0	8.09	-1.33	-17.70	12.64	-1.05	-1.66
			40	6.42	-1.33	-12.01	14.10	-0.35	-1.77
			81	4.75	-1.33	-5.95	14.54	0.38	-1.84
12	fondazione	5, 6	0	6.59	-0.70	-2.94	1.25	0.17	0.37
			46	4.71	-0.70	-2.11	1.02	0.01	0.34
			91	2.83	-0.70	-1.53	0.23	-0.15	0.37
13	fondazione	5, 6	0	2.58	-1.52	2.82	12.15	-0.11	-0.62
			40	0.92	-1.52	7.76	11.02	0.13	-0.54
			81	-0.74	-1.52	12.14	9.28	0.32	-0.42
14	piano l	1, 2	0	-19.76	-0.13	-6.18	5.50	0.04	0.03
			140	-19.76	-0.13	1.51	5.50	0.00	0.03
			280	-19.76	-0.13	9.21	5.50	-0.04	0.03
15	piano l	1, 3	0	10.01	3.27	0.53	-2.95	-4.26	-12.58
			60	10.01	3.27	-1.24	-2.95	0.82	-4.37
			120	10.01	3.27	-3.01	-2.95	0.98	3.84
16	piano l	7, 1	0	-76.61	0.00	0.00	0.00	-0.44	-1.46
			30	-76.61	0.00	0.00	0.00	0.00	-1.46
			60	-76.61	0.00	0.00	0.00	0.44	-1.46
17	piano l	1, 13	0	6.59	0.00	0.00	0.00	-40.86	-272.38
			15	6.59	0.00	0.00	0.00	0.00	-272.38
			30	6.59	0.00	0.00	0.00	40.86	-272.38
18	piano l	2, 4	0	-20.87	9.45	-1.24	6.81	-6.54	-10.90
			60	-20.87	9.45	2.85	6.81	0.00	-10.90
			120	-20.87	9.45	6.94	6.81	6.54	-10.90
19	piano l	2, 8	0	168.81	0.00	0.00	0.00	-0.47	-1.58
			30	168.81	0.00	0.00	0.00	0.00	-1.58
			60	168.81	0.00	0.00	0.00	0.47	-1.58
20	piano l	2, 14	0	-7.11	0.00	0.00	0.00	-90.03	-600.20
			15	-7.11	0.00	0.00	0.00	0.00	-600.20
			30	-7.11	0.00	0.00	0.00	90.03	-600.20
21	piano l	3, 5	0	-3.42	6.55	-5.06	0.18	5.31	15.53
			32	-3.42	6.55	-5.00	0.18	0.14	17.37
			63	-3.42	6.55	-4.94	0.18	-5.86	20.72
22	piano l	4, 6	0	19.16	-5.71	9.17	-15.27	18.05	56.98
			32	19.16	-5.71	4.33	-15.27	0.00	56.98
			63	19.16	-5.71	-0.51	-15.27	-18.05	56.98
23	piano l	5, 6	0	-26.53	-2.49	-18.51	16.31	1.13	0.91
			123	-26.53	-2.49	1.62	16.31	0.00	0.91
			247	-26.53	-2.49	21.76	16.31	-1.13	0.91
24	piano l	9, 5	0	-194.25	0.00	0.00	0.00	-5.77	-16.04
			36	-194.25	0.00	0.00	0.00	0.00	-16.04
			72	-194.25	0.00	0.00	0.00	5.77	-16.04
25	piano l	6, 10	0	285.34	0.00	0.00	0.00	-7.53	-20.95
			36	285.34	0.00	0.00	0.00	0.00	-20.95
			72	285.34	0.00	0.00	0.00	7.53	-20.95
26	piano l	1	0	-2.55	0.75	-1.11	0.53	20.90	-9.48
			200	-2.55	0.75	-0.04	0.53	12.49	19.00
			400	-2.55	0.75	1.02	0.53	-59.54	54.14
27	piano l	2	0	-1.32	0.75	2.31	-1.10	35.63	18.96
			200	-1.32	0.75	0.12	-1.10	-2.28	18.96
			400	-1.32	0.75	-2.08	-1.10	-40.20	18.96
28	piano l	3	0	-3.14	0.77	0.92	-0.40	0.35	-30.50
			200	-3.14	0.77	0.11	-0.40	17.76	14.86
			400	-3.14	0.77	-0.70	-0.40	-66.16	70.83
29	piano l	4	0	22.09	0.77	-1.45	0.41	17.48	11.80
			200	22.09	0.77	-0.64	0.41	-6.12	11.80
			400	22.09	0.77	0.18	0.41	-29.72	11.80
30	piano l	5	0	-16.13	1.51	-23.70	8.09	27.80	4.65
			200	-16.13	1.51	0.50	16.45	4.59	19.14
			400	-16.13	1.51	43.46	26.85	-51.11	37.14
31	piano l	6	0	1.04	1.57	19.02	-14.95	30.22	17.66
			200	1.04	1.57	-10.88	-14.95	-5.10	17.66
			400	1.04	1.57	-40.78	-14.95	-40.43	17.66

## 4.1.10.3 Piastre SLU

Tabella 32.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.449	-0.057	-0.212	-33.068	8.688	18.267	0.644	-1.159

## 4.1.11 Risultati Condizioni (Vento (+Y)).

## 4.1.11.1 Cinematismi nodali SLU

Tabella 33.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0000	0.0015	0.0019	0.000015	-0.000002	0.000000
2	0.0000	0.0015	0.0019	0.000015	0.000002	0.000000
3	0.0000	0.0015	-0.0001	0.000015	0.000000	0.000000
4	0.0000	0.0015	-0.0001	0.000015	0.000000	0.000000
5	0.0000	0.0016	-0.0014	0.000021	0.000002	0.000000
6	0.0000	0.0016	-0.0014	0.000021	-0.000002	0.000000
7	0.0000	0.0012	-0.0025	0.000019	-0.000001	0.000000
8	0.0000	0.0012	-0.0025	0.000018	0.000001	0.000000
9	0.0000	0.0012	0.0022	0.000014	0.000001	0.000000
10	0.0000	0.0012	0.0021	0.000014	0.000000	0.000000
11	0.0000	0.0012	0.0019	0.000015	-0.000002	0.000000
12	0.0000	0.0012	0.0019	0.000015	0.000002	0.000000
13	0.0000	0.0012	-0.0001	0.000015	0.000000	0.000000
14	0.0000	0.0012	-0.0001	0.000015	0.000000	0.000000
15	0.0000	0.0013	-0.0014	0.000021	0.000002	0.000000
16	0.0000	0.0013	-0.0014	0.000021	-0.000002	0.000000
17	0.0000	0.0013	-0.0025	0.000017	0.000002	0.000000
18	0.0000	0.0012	-0.0022	0.000017	0.000003	0.000000
19	0.0000	0.0012	-0.0022	0.000017	-0.000002	0.000000
20	0.0000	0.0013	-0.0025	0.000018	-0.000002	0.000000
21	0.0000	0.0012	-0.0007	0.000017	0.000000	0.000000
22	0.0000	0.0012	0.0008	0.000014	0.000000	0.000000
23	0.0000	0.0012	0.0021	0.000015	0.000002	0.000000
24	0.0000	0.0012	0.0018	0.000012	0.000001	0.000000
25	0.0000	0.0012	0.0019	0.000012	-0.000001	0.000000
26	0.0000	0.0012	0.0021	0.000015	-0.000002	0.000000
27	0.0000	0.0012	0.0008	0.000014	0.000000	0.000000
28	0.0000	0.0012	-0.0007	0.000017	0.000000	0.000000
29	0.0000	0.0012	0.0017	0.000012	-0.000002	0.000000
30	0.0000	0.0012	0.0016	0.000012	0.000000	0.000000
31	0.0000	0.0012	0.0017	0.000012	0.000002	0.000000
32	0.0000	0.0012	0.0009	0.000012	-0.000001	0.000000
33	0.0000	0.0012	0.0009	0.000012	0.000001	0.000000
34	0.0000	0.0012	-0.0013	0.000016	0.000001	0.000000
35	0.0000	0.0012	-0.0013	0.000016	-0.000001	0.000000
36	0.0000	0.0013	-0.0020	0.000018	-0.000002	0.000000
37	0.0000	0.0012	0.0008	0.000013	0.000000	0.000000
38	0.0000	0.0012	-0.0004	0.000016	0.000001	0.000000
39	0.0000	0.0012	0.0020	0.000015	0.000002	0.000000
40	0.0000	0.0012	0.0008	0.000012	0.000000	0.000000
41	0.0000	0.0012	-0.0002	0.000013	0.000000	0.000000
42	0.0000	0.0012	-0.0018	0.000017	-0.000002	0.000000
43	0.0000	0.0012	-0.0017	0.000016	-0.000001	0.000000
44	0.0000	0.0012	0.0016	0.000014	-0.000001	0.000000
45	0.0000	0.0012	-0.0015	0.000018	0.000000	0.000000
46	0.0000	0.0012	0.0018	0.000013	0.000002	0.000000
47	0.0000	0.0012	0.0018	0.000014	0.000001	0.000000
48	0.0000	0.0012	0.0015	0.000013	0.000001	0.000000
49	0.0000	0.0012	-0.0013	0.000018	0.000000	0.000000
50	0.0000	0.0012	-0.0020	0.000018	0.000000	0.000000
51	0.0000	0.0012	-0.0002	0.000014	0.000000	0.000000
52	0.0000	0.0012	0.0008	0.000012	0.000001	0.000000
53	0.0000	0.0012	0.0008	0.000012	-0.000001	0.000000
54	0.0000	0.0012	-0.0002	0.000014	0.000000	0.000000

55	0.0000	0.0012	0.0019	0.000015	-0.000002	0.000000
56	0.0000	0.0012	0.0019	0.000015	0.000002	0.000000
57	0.0000	0.0012	0.0017	0.000015	-0.000002	0.000000
58	0.0000	0.0012	0.0001	0.000015	0.000000	0.000000
59	0.0000	0.0012	0.0017	0.000015	0.000002	0.000000
60	0.0000	0.0012	0.0001	0.000015	0.000000	0.000000
61	0.0000	0.0012	-0.0004	0.000015	0.000000	0.000000
62	0.0000	0.0013	-0.0015	0.000021	0.000002	0.000000
63	0.0000	0.0012	-0.0004	0.000015	0.000000	0.000000
64	0.0000	0.0013	-0.0015	0.000021	-0.000002	0.000000
65	0.0000	0.0013	-0.0017	0.000021	0.000002	0.000000
66	0.0000	0.0013	-0.0017	0.000021	-0.000002	0.000000
67	0.0000	0.0164	0.0019	0.000016	0.000001	0.000000
68	0.0000	0.0164	0.0019	0.000016	-0.000001	0.000000
69	0.0000	0.0164	0.0017	0.000016	0.000001	0.000000
70	0.0000	0.0164	0.0001	0.000016	0.000002	0.000000
71	0.0000	0.0164	0.0018	0.000016	0.000001	0.000000
72	0.0000	0.0164	0.0019	0.000016	0.000001	0.000000
73	0.0000	0.0164	0.0022	0.000016	0.000001	0.000000
74	0.0000	0.0163	0.0026	0.000016	0.000001	0.000000
75	0.0000	0.0163	0.0017	0.000016	-0.000001	0.000000
76	0.0000	0.0164	0.0001	0.000016	-0.000002	0.000000
77	0.0000	0.0164	0.0019	0.000016	-0.000001	0.000000
78	0.0000	0.0163	0.0018	0.000016	-0.000001	0.000000
79	0.0000	0.0164	0.0022	0.000016	-0.000001	0.000000
80	0.0000	0.0163	0.0026	0.000016	-0.000001	0.000000
81	0.0000	0.0164	-0.0003	0.000016	0.000002	0.000000
82	0.0000	0.0164	-0.0016	0.000025	0.000004	0.000000
83	0.0000	0.0164	-0.0003	0.000016	-0.000002	0.000000
84	0.0000	0.0164	-0.0016	0.000025	-0.000004	0.000000
85	0.0000	0.0165	-0.0016	0.000025	0.000004	0.000000
86	0.0000	0.0165	-0.0016	0.000025	-0.000004	0.000000
87	0.0000	0.0164	-0.0021	0.000025	0.000004	0.000000
88	0.0000	0.0165	-0.0018	0.000025	0.000004	0.000000
89	0.0000	0.0165	-0.0018	0.000025	-0.000004	0.000000
90	0.0000	0.0163	-0.0021	0.000025	-0.000004	0.000000
91	0.0000	0.0161	0.0020	0.000016	0.000001	0.000000
92	0.0000	0.0161	0.0019	0.000016	-0.000001	0.000000
93	0.0000	0.0162	-0.0001	0.000016	0.000002	0.000000
94	0.0000	0.0162	-0.0001	0.000016	-0.000002	0.000000
95	0.0001	0.0160	-0.0015	0.000025	0.000004	0.000000
96	0.0000	0.0160	-0.0015	0.000025	-0.000004	0.000000
97	0.0000	0.0012	-0.0015	0.000016	0.000001	0.000000
98	0.0000	0.0012	-0.0015	0.000016	-0.000001	0.000000

#### 4.1.11.2 Sollecitazioni SLU

Tabella 34.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	2.47	-6.34	-3.95	16.52	0.30	3.04
			31	2.47	-6.34	-0.13	7.96	-0.20	0.13
			63	2.47	-6.34	1.06	-0.30	0.22	-2.78
2	fondazione	1, 2	0	3.71	-1.50	2.64	13.04	0.22	3.36
			39	3.70	-1.50	5.77	3.18	-0.38	-0.24
			78	3.70	-1.50	5.14	-6.43	0.41	-3.84
3	fondazione	1, 2	0	3.04	1.34	5.50	7.12	0.41	3.83
			39	3.04	1.34	6.40	-2.47	-0.38	0.22
			78	3.05	1.34	3.55	-12.29	0.23	-3.38
4	fondazione	1, 2	0	2.30	6.05	2.05	-2.85	0.23	2.82
			31	2.30	6.05	-0.12	-11.07	-0.20	-0.09
			63	2.31	6.05	-4.90	-19.61	0.29	-3.00
5	fondazione	1, 3	0	-3.40	2.48	24.47	-37.02	-0.57	-1.10



			30	-0.60	2.48	11.92	-43.51	-0.24	-1.10
			60	2.21	2.48	-2.31	-48.27	0.09	-1.10
6	fondazion e	1, 3	0	14.78	2.22	2.91	-46.37	0.09	0.09
			30	17.58	2.22	-11.93	-49.51	0.06	0.09
			60	20.39	2.22	-27.47	-50.93	0.03	0.09
7	fondazion e	2, 4	0	-2.69	-2.31	21.77	-31.70	0.54	0.99
			30	0.11	-2.31	10.82	-38.20	0.24	0.99
			60	2.91	-2.31	-1.82	-42.97	-0.06	0.99
8	fondazion e	2, 4	0	14.58	-2.49	3.89	-47.58	-0.06	0.02
			30	17.38	-2.49	-11.31	-50.72	-0.07	0.02
			60	20.19	-2.49	-27.21	-52.14	-0.07	0.02
9	fondazion e	3, 5	0	14.19	4.25	-11.60	-23.67	-0.03	0.95
			32	15.32	4.25	-19.15	-20.76	-0.33	0.95
			63	14.94	4.25	-25.37	-15.18	-0.63	0.96
10	fondazion e	4, 6	0	14.69	-4.49	-15.53	-12.03	-0.03	-1.19
			32	15.82	-4.49	-19.40	-9.13	0.35	-1.19
			63	15.44	-4.49	-21.93	-3.54	0.73	-1.19
11	fondazion e	5, 6	0	3.83	-8.89	9.85	-36.91	1.66	-1.34
			40	3.83	-8.89	-3.06	-27.10	0.88	5.24
			81	3.83	-8.89	-12.13	-17.93	-2.57	11.84
12	fondazion e	5, 6	0	-5.08	-0.20	-4.02	-10.64	-1.51	-7.43
			46	-5.08	-0.19	-6.59	-0.70	0.17	0.04
			91	-5.08	-0.19	-4.65	9.24	-1.54	7.50
13	fondazion e	5, 6	0	3.73	9.09	-12.80	18.56	-2.59	-11.94
			40	3.73	9.09	-3.47	27.71	0.90	-5.34
			81	3.73	9.09	9.67	37.51	1.73	1.24
14	piano l	1, 2	0	4.69	-0.01	-0.37	0.00	0.00	0.00
			140	4.69	-0.01	-0.36	0.00	0.00	0.00
			280	4.69	-0.01	-0.35	0.00	0.00	0.00
15	piano l	1, 3	0	180.38	1.82	27.38	-47.69	-0.83	-1.39
			60	180.38	1.82	-1.24	-47.69	0.00	-1.39
			120	180.38	1.82	-29.85	-47.69	0.83	-1.39
16	piano l	7, 1	0	-10.83	0.00	0.00	0.00	-43.76	-145.85
			30	-10.83	0.00	0.00	0.00	0.00	-145.85
			60	-10.83	0.00	0.00	0.00	43.76	-145.85
17	piano l	1, 13	0	656.33	0.00	0.00	0.00	-5.78	-38.52
			15	656.33	0.00	0.00	0.00	0.00	-38.52
			30	656.33	0.00	0.00	0.00	5.78	-38.52
18	piano l	2, 4	0	180.57	-1.83	27.57	-48.10	0.84	1.40
			60	180.57	-1.83	-1.29	-48.10	0.00	1.40
			120	180.57	-1.83	-30.15	-48.10	-0.84	1.40
19	piano l	2, 8	0	-11.06	0.00	0.00	0.00	43.72	145.73
			30	-11.06	0.00	0.00	0.00	0.00	145.73
			60	-11.06	0.00	0.00	0.00	-43.72	145.73
20	piano l	2, 14	0	655.76	0.00	0.00	0.00	5.90	39.32
			15	655.76	0.00	0.00	0.00	0.00	39.32
			30	655.76	0.00	0.00	0.00	-5.90	39.32
21	piano l	3, 5	0	-192.27	6.29	-9.29	-64.23	0.91	2.87
			32	-194.12	6.29	-29.65	-64.23	0.00	2.87
			63	-197.47	6.29	-50.00	-64.23	-0.91	2.87
22	piano l	4, 6	0	-192.53	-6.23	-9.57	-63.32	-0.94	-2.95
			32	-194.38	-6.23	-29.63	-63.32	0.00	-2.95
			63	-197.73	-6.23	-49.70	-63.32	0.94	-2.95
23	piano l	5, 6	0	57.42	0.01	-3.55	0.03	-13.06	-31.74
			123	57.42	0.01	-3.52	0.03	6.53	0.00
			247	57.42	0.01	-3.48	0.03	-13.06	31.73
24	piano l	9, 5	0	-98.71	0.00	0.00	0.00	-61.50	-171.06
			36	-98.71	0.00	0.00	0.00	0.00	-171.06
			72	-98.71	0.00	0.00	0.00	61.50	-171.06
25	piano l	6, 10	0	-98.45	0.00	0.00	0.00	61.53	171.14
			36	-98.45	0.00	0.00	0.00	0.00	171.14
			72	-98.45	0.00	0.00	0.00	-61.53	171.14
26	piano l	1	0	47.69	-0.01	-67.53	33.84	0.97	1.10
			200	47.69	-0.01	0.15	33.84	-1.23	1.10
			400	47.69	-0.01	67.82	33.84	-3.44	1.10

27	piano l	2	0	48.10	0.04	-67.72	33.99	-1.00	-1.13
			200	48.10	0.04	0.26	33.99	1.26	-1.13
			400	48.10	0.04	68.24	33.99	3.51	-1.13
28	piano l	3	0	16.54	0.01	-54.36	16.16	-4.55	-1.83
			200	16.54	0.01	-5.83	33.04	-0.89	-1.83
			400	16.54	0.01	80.41	53.86	2.76	-1.83
29	piano l	4	0	15.22	0.02	-54.33	16.16	4.47	1.79
			200	15.22	0.02	-5.77	33.05	0.89	1.79
			400	15.22	0.02	80.48	53.87	-2.69	1.79
30	piano l	5	0	-64.26	0.10	-52.88	-8.50	-22.27	11.43
			200	-64.26	0.10	-12.96	50.17	-12.26	-22.44
			400	-64.26	0.10	154.79	119.33	71.55	-62.37
31	piano l	6	0	-63.29	-0.03	-52.65	-8.65	22.13	-11.45
			200	-63.29	-0.03	-13.04	50.01	12.16	22.42
			400	-63.29	-0.03	154.40	119.17	-71.61	62.36

#### 4.1.11.3 Piastre SLU

Tabella 35.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.192	0.520	0.313	-35.249	55.476	19.358	-1.073	-3.379

#### 4.1.12 Risultati Condizioni (Vento (-Y)).

##### 4.1.12.1 Cinematismi nodali SLU

Tabella 36.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0000	-0.0012	-0.0015	-0.000015	0.000002	0.000000
2	0.0000	-0.0012	-0.0015	-0.000014	-0.000002	0.000000
3	0.0000	-0.0011	0.0001	-0.000012	0.000000	0.000000
4	0.0000	-0.0011	0.0001	-0.000012	0.000000	0.000000
5	0.0000	-0.0012	0.0011	-0.000014	-0.000001	0.000000
6	0.0000	-0.0012	0.0011	-0.000014	0.000001	0.000000
7	0.0000	-0.0009	0.0018	-0.000013	0.000001	0.000000
8	0.0000	-0.0009	0.0018	-0.000013	-0.000001	0.000000
9	0.0000	-0.0009	-0.0018	-0.000013	0.000000	0.000000
10	0.0000	-0.0009	-0.0017	-0.000012	0.000000	0.000000
11	0.0000	-0.0009	-0.0015	-0.000015	0.000002	0.000000
12	0.0000	-0.0009	-0.0015	-0.000014	-0.000002	0.000000
13	0.0000	-0.0009	0.0001	-0.000012	0.000000	0.000000
14	0.0000	-0.0009	0.0001	-0.000012	0.000000	0.000000
15	0.0000	-0.0009	0.0011	-0.000014	-0.000001	0.000000
16	0.0000	-0.0009	0.0011	-0.000014	0.000001	0.000000
17	0.0000	-0.0009	0.0018	-0.000012	-0.000001	0.000000
18	0.0000	-0.0009	0.0017	-0.000012	-0.000002	0.000000
19	0.0000	-0.0009	0.0017	-0.000012	0.000002	0.000000
20	0.0000	-0.0009	0.0018	-0.000012	0.000001	0.000000
21	0.0000	-0.0009	0.0006	-0.000012	0.000000	0.000000
22	0.0000	-0.0009	-0.0006	-0.000011	-0.000001	0.000000
23	0.0000	-0.0009	-0.0017	-0.000014	-0.000002	0.000000
24	0.0000	-0.0009	-0.0015	-0.000010	-0.000001	0.000000
25	0.0000	-0.0009	-0.0015	-0.000010	0.000001	0.000000
26	0.0000	-0.0009	-0.0017	-0.000014	0.000002	0.000000
27	0.0000	-0.0009	-0.0006	-0.000011	0.000000	0.000000
28	0.0000	-0.0009	0.0006	-0.000012	0.000000	0.000000
29	0.0000	-0.0009	-0.0014	-0.000011	0.000002	0.000000
30	0.0000	-0.0009	-0.0013	-0.000010	0.000000	0.000000
31	0.0000	-0.0009	-0.0014	-0.000011	-0.000002	0.000000
32	0.0000	-0.0009	-0.0006	-0.000009	0.000001	0.000000
33	0.0000	-0.0009	-0.0006	-0.000010	-0.000001	0.000000
34	0.0000	-0.0009	0.0010	-0.000011	-0.000001	0.000000
35	0.0000	-0.0009	0.0010	-0.000011	0.000001	0.000000
36	0.0000	-0.0009	0.0015	-0.000013	0.000001	0.000000

37	0.0000	-0.0009	-0.0006	-0.000011	0.000001	0.000000
38	0.0000	-0.0009	0.0004	-0.000012	0.000000	0.000000
39	0.0000	-0.0009	-0.0016	-0.000014	-0.000002	0.000000
40	0.0000	-0.0009	-0.0006	-0.000010	0.000000	0.000000
41	0.0000	-0.0009	0.0002	-0.000010	0.000000	0.000000
42	0.0000	-0.0009	0.0014	-0.000012	0.000002	0.000000
43	0.0000	-0.0009	0.0013	-0.000012	0.000001	0.000000
44	0.0000	-0.0009	-0.0013	-0.000012	0.000001	0.000000
45	0.0000	-0.0009	0.0011	-0.000013	0.000000	0.000000
46	0.0000	-0.0009	-0.0015	-0.000012	-0.000002	0.000000
47	0.0000	-0.0009	-0.0014	-0.000013	-0.000001	0.000000
48	0.0000	-0.0009	-0.0012	-0.000012	-0.000001	0.000000
49	0.0000	-0.0009	0.0010	-0.000013	0.000000	0.000000
50	0.0000	-0.0009	0.0015	-0.000013	0.000000	0.000000
51	0.0000	-0.0009	0.0002	-0.000010	0.000000	0.000000
52	0.0000	-0.0009	-0.0006	-0.000010	-0.000001	0.000000
53	0.0000	-0.0009	-0.0006	-0.000010	0.000001	0.000000
54	0.0000	-0.0009	0.0002	-0.000010	0.000000	0.000000
55	0.0000	-0.0009	-0.0015	-0.000015	0.000002	0.000000
56	0.0000	-0.0009	-0.0015	-0.000014	-0.000002	0.000000
57	0.0000	-0.0009	-0.0013	-0.000015	0.000002	0.000000
58	0.0000	-0.0009	0.0000	-0.000012	0.000000	0.000000
59	0.0000	-0.0009	-0.0013	-0.000014	-0.000002	0.000000
60	0.0000	-0.0009	0.0000	-0.000012	0.000000	0.000000
61	0.0000	-0.0009	0.0003	-0.000012	0.000000	0.000000
62	0.0000	-0.0009	0.0011	-0.000014	-0.000001	0.000000
63	0.0000	-0.0009	0.0003	-0.000012	0.000000	0.000000
64	0.0000	-0.0009	0.0011	-0.000014	0.000001	0.000000
65	0.0000	-0.0009	0.0013	-0.000014	-0.000001	0.000000
66	0.0000	-0.0009	0.0013	-0.000014	0.000001	0.000000
67	0.0000	-0.0129	-0.0015	-0.000008	0.000000	0.000000
68	0.0000	-0.0129	-0.0015	-0.000008	0.000000	0.000000
69	0.0000	-0.0128	-0.0014	-0.000008	0.000000	0.000000
70	0.0000	-0.0129	-0.0002	-0.000014	-0.000002	0.000000
71	0.0000	-0.0128	-0.0015	-0.000008	0.000000	0.000000
72	0.0000	-0.0129	-0.0015	-0.000008	0.000000	0.000000
73	0.0000	-0.0129	-0.0017	-0.000008	0.000000	0.000000
74	0.0000	-0.0128	-0.0019	-0.000008	0.000000	0.000000
75	0.0000	-0.0128	-0.0014	-0.000008	0.000000	0.000000
76	0.0000	-0.0129	-0.0002	-0.000014	0.000002	0.000000
77	0.0000	-0.0128	-0.0015	-0.000008	0.000000	0.000000
78	0.0000	-0.0128	-0.0015	-0.000008	0.000000	0.000000
79	0.0000	-0.0129	-0.0017	-0.000008	0.000000	0.000000
80	0.0000	-0.0128	-0.0019	-0.000008	0.000000	0.000000
81	0.0000	-0.0129	0.0002	-0.000014	-0.000002	0.000000
82	0.0000	-0.0129	0.0013	-0.000023	-0.000004	0.000000
83	0.0000	-0.0129	0.0002	-0.000014	0.000002	0.000000
84	0.0000	-0.0128	0.0013	-0.000023	0.000004	0.000000
85	0.0000	-0.0130	0.0013	-0.000023	-0.000004	0.000000
86	0.0000	-0.0130	0.0013	-0.000023	0.000004	0.000000
87	0.0000	-0.0128	0.0018	-0.000023	-0.000004	0.000000
88	0.0000	-0.0130	0.0015	-0.000023	-0.000004	0.000000
89	0.0000	-0.0130	0.0015	-0.000023	0.000004	0.000000
90	0.0000	-0.0128	0.0018	-0.000023	0.000004	0.000000
91	0.0000	-0.0127	-0.0015	-0.000008	0.000000	0.000000
92	0.0000	-0.0127	-0.0015	-0.000008	0.000000	0.000000
93	0.0000	-0.0127	0.0000	-0.000014	-0.000002	0.000000
94	0.0000	-0.0127	0.0000	-0.000014	0.000002	0.000000
95	-0.0001	-0.0125	0.0012	-0.000023	-0.000004	0.000000
96	0.0000	-0.0125	0.0012	-0.000023	0.000004	0.000000
97	0.0000	-0.0009	0.0011	-0.000011	-0.000001	0.000000
98	0.0000	-0.0009	0.0011	-0.000011	0.000001	0.000000

#### 4.1.12.2 Sollecitazioni SLU

Tabella 37.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]

1	fondazione	1, 2	0	-2.59	7.97	3.57	-13.74	-0.52	3.36
			31	-2.59	7.97	0.36	-6.85	-0.56	-3.12
			63	-2.58	7.97	-0.74	-0.22	1.43	-9.62
2	fondazione	1, 2	0	-3.74	1.68	-2.54	-10.81	1.42	8.52
			39	-3.74	1.68	-5.20	-2.95	-0.32	0.46
			78	-3.74	1.68	-4.85	4.69	1.07	-7.60
3	fondazione	1, 2	0	-2.92	-1.59	-5.16	-5.37	1.07	7.66
			39	-2.92	-1.59	-5.77	2.25	-0.34	-0.41
			78	-2.92	-1.59	-3.39	10.08	1.38	-8.47
4	fondazione	1, 2	0	-2.53	-7.49	-1.66	3.27	1.39	9.48
			31	-2.53	-7.49	0.39	9.87	-0.56	2.98
			63	-2.54	-7.50	4.54	16.74	-0.47	-3.50
5	fondazione	1, 3	0	23.88	-2.06	-37.53	59.28	0.02	0.09
			30	21.76	-2.06	-18.64	64.26	-0.01	0.09
			60	19.65	-2.06	1.52	67.77	-0.04	0.10
6	fondazione	1, 3	0	7.01	-1.42	-4.56	39.15	-0.04	-0.30
			30	4.90	-1.42	7.87	41.38	0.05	-0.29
			60	2.79	-1.42	20.77	42.29	0.14	-0.29
7	fondazione	2, 4	0	22.29	1.89	-34.04	52.35	0.06	0.09
			30	20.17	1.89	-17.23	57.35	0.03	0.09
			60	18.06	1.89	0.85	60.87	0.00	0.09
8	fondazione	2, 4	0	7.30	1.65	-5.41	39.31	0.00	0.20
			30	5.19	1.65	7.06	41.54	-0.06	0.20
			60	3.08	1.65	20.01	42.44	-0.12	0.20
9	fondazione	3, 5	0	2.21	-3.02	8.07	4.85	0.10	0.80
			32	-0.02	-3.02	9.62	2.47	-0.16	0.80
			63	-2.24	-3.02	10.10	-1.87	-0.41	0.80
10	fondazione	4, 6	0	1.98	3.20	10.84	-2.58	-0.06	-0.65
			32	-0.24	3.20	10.03	-4.95	0.15	-0.65
			63	-2.46	3.20	8.16	-9.30	0.35	-0.65
11	fondazione	5, 6	0	0.74	5.36	-7.44	26.14	-0.61	-3.47
			40	0.73	5.36	1.60	18.68	0.22	-0.64
			81	0.73	5.36	7.70	11.63	-0.09	2.18
12	fondazione	5, 6	0	2.72	0.07	2.71	8.19	-0.32	-3.17
			46	2.72	0.07	4.69	0.51	0.40	0.00
			91	2.72	0.07	3.18	-7.16	-0.33	3.18
13	fondazione	5, 6	0	0.65	-5.48	8.16	-12.09	-0.08	-2.13
			40	0.65	-5.48	1.87	-19.12	0.21	0.69
			81	0.66	-5.48	-7.35	-26.59	-0.64	3.52
14	piano l	1, 2	0	-4.41	0.00	0.34	0.00	18.17	38.94
			140	-4.41	0.00	0.34	0.00	-9.08	0.00
			280	-4.41	0.00	0.33	0.00	18.17	-38.93
15	piano l	1, 3	0	-157.75	-1.86	2.11	13.66	0.83	1.39
			60	-157.75	-1.86	10.30	13.66	0.00	1.39
			120	-157.75	-1.86	18.50	13.66	-0.83	1.39
16	piano l	7, 1	0	10.23	0.00	0.00	0.00	22.63	75.45
			30	10.23	0.00	0.00	0.00	0.00	75.45
			60	10.23	0.00	0.00	0.00	-22.63	75.45
17	piano l	1, 13	0	-339.52	0.00	0.00	0.00	5.45	36.36
			15	-339.52	0.00	0.00	0.00	0.00	36.36
			30	-339.52	0.00	0.00	0.00	-5.45	36.36
18	piano l	2, 4	0	-157.80	1.87	1.94	13.94	-0.84	-1.40
			60	-157.80	1.87	10.30	13.94	0.00	-1.40
			120	-157.80	1.87	18.66	13.94	0.84	-1.40
19	piano l	2, 8	0	10.35	0.00	0.00	0.00	-22.65	-75.50
			30	10.35	0.00	0.00	0.00	0.00	-75.50
			60	10.35	0.00	0.00	0.00	22.65	-75.50
20	piano l	2, 14	0	-339.76	0.00	0.00	0.00	-5.52	-36.82
			15	-339.76	0.00	0.00	0.00	0.00	-36.82
			30	-339.76	0.00	0.00	0.00	5.52	-36.82

21	piano l	3, 5	0	153.57	-5.66	-1.34	103.72	-1.03	-3.25
			32	153.57	-5.66	31.53	103.72	0.00	-3.25
			63	153.57	-5.66	64.39	103.72	1.03	-3.25
22	piano l	4, 6	0	153.76	5.61	-1.21	103.14	1.05	3.32
			32	153.76	5.61	31.47	103.14	0.00	3.32
			63	153.76	5.61	64.15	103.14	-1.05	3.32
23	piano l	5, 6	0	-54.11	0.01	3.33	-0.01	0.00	0.00
			123	-54.11	0.01	3.31	-0.01	0.00	0.00
			247	-54.11	0.01	3.30	-0.01	0.00	0.00
24	piano l	9, 5	0	92.95	0.00	0.00	0.00	57.07	158.73
			36	92.95	0.00	0.00	0.00	0.00	158.73
			72	92.95	0.00	0.00	0.00	-57.07	158.73
25	piano l	6, 10	0	92.86	0.00	0.00	0.00	-57.04	-158.65
			36	92.86	0.00	0.00	0.00	0.00	-158.65
			72	92.86	0.00	0.00	0.00	57.04	-158.65
26	piano l	1	0	-13.66	-0.01	21.51	27.18	-0.79	-0.95
			200	-13.66	-0.01	23.02	-27.10	1.10	-0.95
			400	-13.66	-0.01	-92.61	-89.96	3.00	-0.95
27	piano l	2	0	-13.94	-0.02	21.71	27.01	0.80	0.96
			200	-13.94	-0.02	22.88	-27.27	-1.12	0.96
			400	-13.94	-0.02	-93.10	-90.14	-3.03	0.96
28	piano l	3	0	-90.06	-0.02	50.43	-25.80	4.17	1.56
			200	-90.06	-0.02	-1.16	-25.80	1.06	1.56
			400	-90.06	-0.02	-52.76	-25.80	-2.06	1.56
29	piano l	4	0	-89.20	-0.02	50.43	-25.82	-4.11	-1.53
			200	-89.20	-0.02	-1.22	-25.82	-1.06	-1.53
			400	-89.20	-0.02	-52.86	-25.82	1.99	-1.53
30	piano l	5	0	103.73	0.00	56.58	-36.40	33.62	17.56
			200	103.73	0.00	-16.23	-36.40	-1.50	17.56
			400	103.73	0.00	-89.04	-36.40	-36.61	17.56
31	piano l	6	0	103.13	-0.07	56.39	-36.24	-33.48	-17.51
			200	103.13	-0.07	-16.09	-36.24	1.54	-17.51
			400	103.13	-0.07	-88.57	-36.24	36.56	-17.51

#### 4.1.12.3 Piastre SLU

Tabella 38.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm] 	M2-2 [daNcm/cm] 	M1-2 [daNcm/cm] 	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.271	-0.425	0.397	22.886	-34.687	-13.517	-1.271	1.955

#### 4.1.13 Risultati Condizioni (Neve).

##### 4.1.13.1 Cinematismi nodali SLU

Tabella 39.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0001	0.0000	-0.0010	0.000000	0.000004	0.000000
2	0.0001	0.0000	-0.0010	0.000000	-0.000004	0.000000
3	0.0000	0.0000	-0.0011	0.000001	0.000003	0.000000
4	0.0000	0.0000	-0.0011	0.000001	-0.000003	0.000000
5	-0.0001	0.0000	-0.0011	0.000000	0.000003	0.000000
6	0.0001	0.0000	-0.0011	0.000001	-0.000003	0.000000
7	0.0000	0.0000	-0.0013	0.000000	0.000002	0.000000
8	0.0000	0.0000	-0.0013	0.000000	-0.000002	0.000000
9	0.0000	0.0000	-0.0012	0.000000	-0.000003	0.000000
10	0.0000	0.0000	-0.0012	0.000000	0.000002	0.000000
11	0.0000	0.0000	-0.0010	0.000000	0.000004	0.000000
12	0.0000	0.0000	-0.0010	0.000000	-0.000004	0.000000
13	0.0000	0.0000	-0.0011	0.000001	0.000003	0.000000
14	0.0000	0.0000	-0.0011	0.000001	-0.000003	0.000000
15	0.0000	0.0000	-0.0011	0.000000	0.000003	0.000000
16	0.0000	0.0000	-0.0011	0.000001	-0.000003	0.000000
17	0.0000	0.0000	-0.0011	0.000000	0.000003	0.000000
18	0.0000	0.0000	-0.0009	0.000000	0.000002	0.000000

19	0.0000	0.0000	-0.0009	0.000000	-0.000002	0.000000
20	0.0000	0.0000	-0.0011	0.000000	-0.000003	0.000000
21	0.0000	0.0000	-0.0013	0.000000	-0.000002	0.000000
22	0.0000	0.0000	-0.0012	0.000001	-0.000003	0.000000
23	0.0000	0.0000	-0.0009	0.000000	-0.000004	0.000000
24	0.0000	0.0000	-0.0007	0.000001	-0.000002	0.000000
25	0.0000	0.0000	-0.0007	0.000001	0.000002	0.000000
26	0.0000	0.0000	-0.0009	0.000000	0.000004	0.000000
27	0.0000	0.0000	-0.0012	0.000001	0.000003	0.000000
28	0.0000	0.0000	-0.0013	0.000001	0.000002	0.000000
29	0.0000	0.0000	-0.0007	0.000000	0.000003	0.000000
30	0.0000	0.0000	-0.0006	0.000001	0.000000	0.000000
31	0.0000	0.0000	-0.0007	0.000000	-0.000003	0.000000
32	0.0000	0.0000	-0.0010	0.000001	0.000003	0.000000
33	0.0000	0.0000	-0.0010	0.000001	-0.000003	0.000000
34	0.0000	0.0000	-0.0008	0.000001	0.000002	0.000000
35	0.0000	0.0000	-0.0008	0.000001	-0.000002	0.000000
36	0.0000	0.0000	-0.0011	0.000000	-0.000003	0.000000
37	0.0000	0.0000	-0.0011	0.000001	0.000003	0.000000
38	0.0000	0.0000	-0.0012	0.000001	0.000002	0.000000
39	0.0000	0.0000	-0.0010	0.000000	-0.000004	0.000000
40	0.0000	0.0000	-0.0007	0.000001	0.000001	0.000000
41	0.0000	0.0000	-0.0008	0.000001	0.000001	0.000000
42	0.0000	0.0000	-0.0009	0.000000	-0.000002	0.000000
43	0.0000	0.0000	-0.0008	0.000000	-0.000001	0.000000
44	0.0000	0.0000	-0.0011	0.000000	0.000003	0.000000
45	0.0000	0.0000	-0.0012	0.000000	0.000002	0.000000
46	0.0000	0.0000	-0.0008	0.000000	-0.000003	0.000000
47	0.0000	0.0000	-0.0011	0.000000	-0.000003	0.000000
48	0.0000	0.0000	-0.0011	0.000000	-0.000003	0.000000
49	0.0000	0.0000	-0.0012	0.000000	-0.000002	0.000000
50	0.0000	0.0000	-0.0012	0.000000	-0.000002	0.000000
51	0.0000	0.0000	-0.0008	0.000001	-0.000002	0.000000
52	0.0000	0.0000	-0.0008	0.000001	-0.000002	0.000000
53	0.0000	0.0000	-0.0008	0.000001	0.000003	0.000000
54	0.0000	0.0000	-0.0009	0.000001	0.000003	0.000000
55	0.0000	0.0000	-0.0010	0.000000	0.000004	0.000000
56	0.0000	0.0000	-0.0010	0.000000	-0.000004	0.000000
57	0.0000	0.0000	-0.0010	0.000000	0.000004	0.000000
58	0.0000	0.0000	-0.0011	0.000001	0.000003	0.000000
59	0.0000	0.0000	-0.0010	0.000000	-0.000004	0.000000
60	0.0000	0.0000	-0.0011	0.000001	-0.000003	0.000000
61	0.0000	0.0000	-0.0011	0.000001	0.000003	0.000000
62	0.0000	0.0000	-0.0012	0.000000	0.000003	0.000000
63	0.0000	0.0000	-0.0011	0.000001	-0.000003	0.000000
64	0.0000	0.0000	-0.0012	0.000001	-0.000003	0.000000
65	0.0000	0.0000	-0.0011	0.000000	0.000003	0.000000
66	0.0000	0.0000	-0.0011	0.000001	-0.000003	0.000000
67	0.0000	-0.0011	-0.0013	0.000003	-0.000011	0.000000
68	0.0000	-0.0010	-0.0013	0.000003	0.000011	0.000000
69	0.0000	-0.0011	-0.0012	0.000003	-0.000011	0.000000
70	0.0000	-0.0011	-0.0013	-0.000001	-0.000009	0.000000
71	0.0000	-0.0010	-0.0004	0.000004	-0.000010	0.000000
72	0.0000	-0.0010	-0.0010	0.000003	-0.000011	0.000000
73	0.0000	-0.0010	-0.0011	0.000003	-0.000011	0.000000
74	0.0000	-0.0010	-0.0010	0.000003	-0.000011	0.000000
75	0.0000	-0.0011	-0.0012	0.000003	0.000011	0.000000
76	0.0000	-0.0011	-0.0013	-0.000001	0.000009	0.000000
77	0.0000	-0.0010	-0.0010	0.000003	0.000011	0.000000
78	0.0000	-0.0010	-0.0004	0.000004	0.000010	0.000000
79	0.0000	-0.0010	-0.0011	0.000003	0.000011	0.000000
80	0.0000	-0.0010	-0.0010	0.000003	0.000011	0.000000
81	0.0000	-0.0011	-0.0013	-0.000001	-0.000009	0.000000
82	0.0000	-0.0011	-0.0011	-0.000008	-0.000009	0.000000
83	0.0000	-0.0011	-0.0013	-0.000001	0.000009	0.000000
84	0.0000	-0.0011	-0.0011	-0.000008	0.000009	0.000000
85	0.0000	-0.0011	-0.0013	-0.000008	-0.000009	0.000000
86	0.0000	-0.0011	-0.0013	-0.000008	0.000009	0.000000
87	0.0000	-0.0011	-0.0008	-0.000021	-0.000002	0.000000
88	0.0000	-0.0011	-0.0010	-0.000008	-0.000009	0.000000
89	0.0000	-0.0011	-0.0010	-0.000008	0.000009	0.000000
90	0.0000	-0.0011	-0.0008	-0.000021	0.000002	0.000000

91	-0.0002	-0.0011	-0.0012	0.000003	-0.000011	0.000000
92	0.0002	-0.0011	-0.0011	0.000003	0.000011	0.000000
93	-0.0002	-0.0011	-0.0013	-0.000001	-0.000009	0.000000
94	0.0002	-0.0010	-0.0013	-0.000001	0.000009	0.000000
95	-0.0002	-0.0009	-0.0012	-0.000008	-0.000009	0.000000
96	0.0002	-0.0009	-0.0012	-0.000008	0.000009	0.000000
97	0.0000	0.0000	-0.0009	0.000001	0.000002	0.000000
98	0.0000	0.0000	-0.0009	0.000001	-0.000002	0.000000

#### 4.1.13.2 Sollecitazioni SLU

Tabella 40.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	fondazione	1, 2	0	1.89	1.95	-2.00	-6.41	-0.12	-0.28
			31	1.89	1.95	-3.33	-2.21	-0.03	-0.27
			63	1.89	1.95	-3.43	1.50	0.05	-0.27
2	fondazione	1, 2	0	1.20	0.64	-6.09	-6.61	0.05	0.07
			39	1.20	0.64	-7.84	-2.54	0.02	0.08
			78	1.20	0.64	-8.10	1.18	-0.01	0.08
3	fondazione	1, 2	0	1.29	-0.50	-8.20	-1.79	-0.01	-0.07
			39	1.29	-0.50	-8.18	1.93	0.02	-0.07
			78	1.29	-0.50	-6.67	5.98	0.05	-0.07
4	fondazione	1, 2	0	1.85	-2.04	-4.13	1.50	0.05	0.26
			31	1.85	-2.04	-3.09	5.21	-0.03	0.26
			63	1.85	-2.04	-0.83	9.40	-0.11	0.27
5	fondazione	1, 3	0	1.55	-1.38	-5.58	-0.42	0.06	0.22
			30	1.54	-1.38	-5.03	4.08	0.00	0.22
			60	1.54	-1.38	-3.13	8.61	-0.07	0.22
6	fondazione	1, 3	0	0.87	-0.22	-4.31	10.33	-0.07	-0.13
			30	0.87	-0.22	-0.52	14.98	-0.02	-0.13
			60	0.87	-0.22	4.69	19.79	0.02	-0.14
7	fondazione	2, 4	0	1.41	1.26	-4.48	-3.34	-0.05	-0.17
			30	1.41	1.26	-4.80	1.15	0.00	-0.17
			60	1.40	1.26	-3.78	5.67	0.05	-0.17
8	fondazione	2, 4	0	0.97	0.13	-4.27	9.34	0.05	0.10
			30	0.97	0.13	-0.78	13.97	0.02	0.10
			60	0.97	0.13	4.13	18.77	-0.01	0.10
9	fondazione	3, 5	0	2.83	0.54	2.12	-5.20	0.06	0.14
			32	2.82	0.54	1.32	0.16	0.01	0.14
			63	2.82	0.54	2.24	5.62	-0.03	0.14
10	fondazione	4, 6	0	2.81	-0.39	1.53	-3.32	-0.04	-0.07
			32	2.81	-0.39	1.32	2.03	-0.02	-0.07
			63	2.81	-0.39	2.83	7.50	0.01	-0.07
11	fondazione	5, 6	0	3.12	0.22	-0.82	-11.28	0.12	0.25
			40	3.12	0.22	-4.11	-5.17	0.02	0.25
			81	3.12	0.22	-5.08	0.26	-0.09	0.25
12	fondazione	5, 6	0	2.37	-0.06	-8.01	-5.61	-0.01	-0.01
			46	2.37	-0.06	-9.27	0.03	-0.01	0.00
			91	2.37	-0.06	-7.98	5.68	-0.01	0.00
13	fondazione	5, 6	0	3.12	-0.07	-4.90	-0.30	-0.08	-0.23
			40	3.12	-0.07	-3.94	5.15	0.01	-0.23
			81	3.13	-0.07	-0.65	11.28	0.10	-0.23
14	piano l	1, 2	0	-8.09	6.86	-13.80	45.78	-0.49	-0.02
			140	-8.09	-0.01	18.24	-0.01	-0.45	-0.02
			280	-8.09	-6.87	-13.83	-45.80	-0.42	-0.02

15	piano l	1, 3	0	-6.67	-9.84	2.02	34.93	0.69	1.79
			60	-6.67	1.93	11.20	-4.32	-0.39	1.79
			120	-6.67	13.71	-3.17	-43.57	-1.46	1.79
16	piano l	7, 1	0	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	-1.47	-1.47	-9.81	0.00	0.00
			60	0.00	-2.94	-5.89	-19.62	0.00	0.00
17	piano l	1, 13	0	0.00	0.00	0.00	0.00	0.00	0.00
			15	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
18	piano l	2, 4	0	-6.61	9.88	2.06	34.72	-0.64	-1.74
			60	-6.61	-1.90	11.12	-4.53	0.40	-1.74
			120	-6.61	-13.67	-3.37	-43.78	1.45	-1.74
19	piano l	2, 8	0	0.00	2.94	-5.89	19.62	0.00	0.00
			30	0.00	1.47	-1.47	9.81	0.00	0.00
			60	0.00	0.00	0.00	0.00	0.00	0.00
20	piano l	2, 14	0	0.00	0.00	0.00	0.00	0.00	0.00
			15	0.00	0.00	0.00	0.00	0.00	0.00
			30	0.00	0.00	0.00	0.00	0.00	0.00
21	piano l	3, 5	0	-11.05	-4.06	-2.75	102.70	-1.27	-3.75
			32	-11.05	2.15	26.50	81.97	-0.08	-3.75
			63	-11.05	8.37	49.19	61.25	1.11	-3.75
22	piano l	4, 6	0	-11.02	4.06	-2.96	103.36	1.24	3.76
			32	-11.02	-2.16	26.51	82.63	0.04	3.76
			63	-11.02	-8.37	49.41	61.90	-1.15	3.76
23	piano l	5, 6	0	-14.89	-67.28	-48.72	134.64	0.14	-0.03
			123	-14.89	0.01	34.41	0.05	0.18	-0.03
			247	-14.89	67.31	-48.61	-134.55	0.21	-0.03
24	piano l	9, 5	0	0.00	0.00	0.00	0.00	0.00	0.00
			36	0.00	19.60	-7.05	-39.20	0.00	0.00
			72	0.00	39.20	-28.19	-78.40	0.00	0.00
25	piano l	6, 10	0	0.00	-39.20	-28.19	78.40	0.00	0.00
			36	0.00	-19.60	-7.05	39.20	0.00	0.00
			72	0.00	0.00	0.00	0.00	0.00	0.00
26	piano l	1	0	-100.33	0.06	15.30	-6.65	20.36	6.30
			200	-100.33	0.06	2.00	-6.65	7.77	6.30
			400	-100.33	0.06	-11.30	-6.65	-4.83	6.30
27	piano l	2	0	-100.15	-0.08	15.24	-6.63	-20.43	-6.34
			200	-100.15	-0.08	1.97	-6.63	-7.75	-6.34
			400	-100.15	-0.08	-11.30	-6.63	4.94	-6.34
28	piano l	3	0	-146.27	-0.02	7.80	-4.37	17.69	5.54
			200	-146.27	-0.02	-0.95	-4.37	6.61	5.54
			400	-146.27	-0.02	-9.69	-4.37	-4.48	5.54
29	piano l	4	0	-147.14	0.01	7.86	-4.41	-17.67	-5.51
			200	-147.14	0.01	-0.95	-4.41	-6.65	-5.51
			400	-147.14	0.01	-9.77	-4.41	4.37	-5.51
30	piano l	5	0	-151.79	-0.07	-54.70	15.16	12.82	4.10
			200	-151.79	-0.07	-24.38	15.16	4.61	4.10
			400	-151.79	-0.07	5.95	15.16	-3.60	4.10
31	piano l	6	0	-151.04	0.03	-54.56	15.08	-12.90	-4.14
			200	-151.04	0.03	-24.40	15.08	-4.61	-4.14
			400	-151.04	0.03	5.75	15.08	3.67	-4.14

#### 4.1.13.3 Piastre SLU

Tabella 41.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	0.084	0.051	0.033	-26.457	10.625	-6.510	0.545	0.677

#### 4.2 Inviluppi.

Gli effetti relativi alle varie combinazioni sono considerati utilizzando la tecnica dell'inviluppo, in modo da considerare i massimi effetti relativi allo stato limite in esame.

Tale tecnica è stata utilizzata per:

- Cinematismi nodali;



- Sforzo Normale;
- Momento Torcente;
- Momento Flettente X-Z;
- Taglio X-Z;
- Momento Flettente X-Y;
- Taglio X-Y;

#### 4.2.1 Involuppi dei Cinematismi nodali.

I dati seguenti riportano i valori dei cinematismi nodali dei nodi 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 spostamento. Per le azioni sismiche è riferito allo spettro elastico:
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'involuppo.
Min	: valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.

##### 4.2.1.1 Involuppi SLU.

Tabella 42.I

STATO LIMITE ULTIMO												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.111	-0.112	0.321	-0.321	0.353	-0.477	3.2E-3	-3.2E-3	9.8E-4	-8.8E-4	4.3E-4	-4.3E-4
2	0.112	-0.111	0.320	-0.321	0.353	-0.477	3.1E-3	-3.2E-3	8.8E-4	-9.8E-4	4.3E-4	-4.3E-4
3	0.105	-0.105	0.323	-0.322	0.024	-0.149	3.3E-3	-3.3E-3	8.7E-4	-8.1E-4	4.3E-4	-4.3E-4
4	0.105	-0.105	0.323	-0.322	0.024	-0.149	3.3E-3	-3.2E-3	8.0E-4	-8.6E-4	4.3E-4	-4.3E-4
5	0.111	-0.112	0.329	-0.329	0.264	-0.393	4.2E-3	-4.1E-3	1.1E-3	-9.9E-4	4.3E-4	-4.3E-4
6	0.112	-0.111	0.330	-0.329	0.264	-0.393	4.2E-3	-4.1E-3	1.0E-3	-1.1E-3	4.3E-4	-4.3E-4
7	0.113	-0.113	0.304	-0.304	0.496	-0.626	3.8E-3	-3.8E-3	7.9E-4	-8.2E-4	7.2E-6	-7.2E-6
8	0.113	-0.113	0.305	-0.305	0.494	-0.624	3.7E-3	-3.7E-3	8.1E-4	-7.9E-4	7.8E-6	-7.8E-6
9	0.103	-0.103	0.305	-0.305	0.427	-0.555	2.9E-3	-2.9E-3	7.4E-4	-7.6E-4	3.5E-6	-3.5E-6
10	0.103	-0.103	0.304	-0.304	0.423	-0.551	2.9E-3	-2.9E-3	7.4E-4	-7.2E-4	1.8E-6	-1.8E-6
11	0.102	-0.102	0.288	-0.288	0.353	-0.477	3.2E-3	-3.2E-3	9.8E-4	-8.8E-4	4.3E-4	-4.3E-4
12	0.102	-0.102	0.289	-0.289	0.353	-0.477	3.1E-3	-3.2E-3	8.8E-4	-9.8E-4	4.3E-4	-4.3E-4
13	0.096	-0.096	0.288	-0.288	0.024	-0.149	3.3E-3	-3.3E-3	8.7E-4	-8.1E-4	4.3E-4	-4.3E-4
14	0.096	-0.096	0.289	-0.289	0.024	-0.149	3.3E-3	-3.2E-3	8.0E-4	-8.6E-4	4.3E-4	-4.3E-4
15	0.101	-0.101	0.284	-0.284	0.264	-0.393	4.2E-3	-4.1E-3	1.1E-3	-9.9E-4	4.3E-4	-4.3E-4
16	0.101	-0.101	0.285	-0.285	0.264	-0.393	4.2E-3	-4.1E-3	1.0E-3	-1.1E-3	4.3E-4	-4.3E-4
17	0.113	-0.113	0.284	-0.284	0.473	-0.601	3.4E-3	-3.4E-3	8.3E-4	-7.8E-4	1.7E-6	-1.7E-6
18	0.113	-0.113	0.264	-0.264	0.405	-0.528	3.4E-3	-3.4E-3	7.6E-4	-7.0E-4	3.8E-6	-3.8E-6
19	0.113	-0.113	0.264	-0.264	0.403	-0.527	3.3E-3	-3.3E-3	6.7E-4	-7.4E-4	8.1E-6	-8.1E-6
20	0.113	-0.113	0.285	-0.285	0.469	-0.598	3.6E-3	-3.6E-3	8.3E-4	-8.8E-4	3.8E-6	-3.8E-6
21	0.097	-0.097	0.305	-0.305	0.131	-0.259	3.6E-3	-3.5E-3	6.9E-4	-6.7E-4	4.6E-6	-4.6E-6
22	0.097	-0.097	0.305	-0.305	0.145	-0.271	2.9E-3	-2.9E-3	7.5E-4	-7.9E-4	1.2E-6	-1.2E-6
23	0.103	-0.103	0.285	-0.285	0.387	-0.510	3.1E-3	-3.1E-3	8.1E-4	-9.2E-4	3.3E-6	-3.3E-6
24	0.103	-0.103	0.264	-0.264	0.329	-0.443	2.5E-3	-2.5E-3	4.5E-4	-5.2E-4	2.4E-6	-2.4E-6
25	0.103	-0.103	0.264	-0.264	0.330	-0.443	2.5E-3	-2.5E-3	5.2E-4	-4.5E-4	4.8E-6	-4.8E-6
26	0.103	-0.103	0.284	-0.284	0.389	-0.512	3.1E-3	-3.1E-3	9.0E-4	-7.8E-4	4.6E-6	-4.6E-6
27	0.097	-0.097	0.304	-0.304	0.142	-0.268	2.9E-3	-2.9E-3	7.7E-4	-7.3E-4	5.7E-6	-5.7E-6
28	0.097	-0.097	0.304	-0.304	0.134	-0.262	3.5E-3	-3.5E-3	7.1E-4	-7.1E-4	3.8E-6	-3.8E-6
29	0.102	-0.102	0.271	-0.271	0.309	-0.425	2.6E-3	-2.7E-3	6.5E-4	-5.6E-4	4.3E-4	-4.3E-4
30	0.102	-0.102	0.254	-0.254	0.279	-0.390	2.4E-3	-2.4E-3	3.1E-4	-3.1E-4	4.2E-4	-4.2E-4
31	0.102	-0.102	0.271	-0.271	0.307	-0.423	2.6E-3	-2.6E-3	5.6E-4	-6.6E-4	4.3E-4	-4.3E-4
32	0.097	-0.097	0.288	-0.288	0.142	-0.264	2.6E-3	-2.6E-3	7.6E-4	-6.9E-4	4.2E-4	-4.2E-4
33	0.097	-0.097	0.288	-0.288	0.142	-0.264	2.6E-3	-2.6E-3	7.0E-4	-7.7E-4	4.2E-4	-4.2E-4
34	0.101	-0.101	0.264	-0.264	0.216	-0.336	3.2E-3	-3.2E-3	4.9E-4	-4.1E-4	4.3E-4	-4.3E-4

35	0.101	-0.101	0.264	-0.264	0.216	-0.336	3.2E-3	-3.1E-3	4.0E-4	-4.8E-4	4.3E-4	-4.3E-4
36	0.103	-0.103	0.285	-0.285	0.369	-0.498	3.6E-3	-3.6E-3	8.1E-4	-8.7E-4	5.0E-6	-5.0E-6
37	0.097	-0.097	0.296	-0.296	0.142	-0.266	2.8E-3	-2.8E-3	7.9E-4	-7.4E-4	5.1E-6	-5.1E-6
38	0.096	-0.096	0.296	-0.296	0.071	-0.198	3.5E-3	-3.4E-3	7.4E-4	-7.3E-4	6.7E-6	-6.7E-6
39	0.102	-0.102	0.287	-0.287	0.370	-0.493	3.1E-3	-3.1E-3	8.5E-4	-9.6E-4	5.4E-7	-5.4E-7
40	0.097	-0.097	0.257	-0.257	0.097	-0.209	2.5E-3	-2.5E-3	3.3E-4	-3.2E-4	7.1E-7	-7.1E-7
41	0.096	-0.096	0.260	-0.260	-0.009	-0.105	2.8E-3	-2.7E-3	3.7E-4	-3.2E-4	3.3E-6	-3.3E-6
42	0.103	-0.103	0.267	-0.267	0.319	-0.442	3.4E-3	-3.4E-3	6.6E-4	-7.5E-4	5.6E-6	-5.6E-6
43	0.103	-0.103	0.258	-0.258	0.296	-0.417	3.3E-3	-3.2E-3	4.3E-4	-4.7E-4	1.1E-6	-1.1E-6
44	0.100	-0.100	0.296	-0.296	0.306	-0.432	2.9E-3	-2.9E-3	7.5E-4	-7.1E-4	7.0E-7	-7.0E-7
45	0.101	-0.101	0.295	-0.295	0.277	-0.406	3.6E-3	-3.6E-3	7.3E-4	-7.4E-4	4.1E-6	-4.1E-6
46	0.102	-0.102	0.274	-0.274	0.334	-0.452	2.7E-3	-2.7E-3	5.7E-4	-6.7E-4	4.9E-6	-4.9E-6
47	0.101	-0.101	0.296	-0.296	0.343	-0.469	3.0E-3	-3.0E-3	7.7E-4	-8.1E-4	2.2E-6	-2.2E-6
48	0.100	-0.100	0.296	-0.296	0.279	-0.404	2.8E-3	-2.9E-3	7.4E-4	-7.9E-4	3.1E-6	-3.1E-6
49	0.100	-0.100	0.295	-0.295	0.249	-0.378	3.6E-3	-3.6E-3	7.4E-4	-7.4E-4	2.1E-6	-2.1E-6
50	0.103	-0.103	0.295	-0.295	0.374	-0.504	3.7E-3	-3.7E-3	7.6E-4	-7.6E-4	1.5E-7	-1.5E-7
51	0.096	-0.096	0.267	-0.267	-0.009	-0.107	2.9E-3	-2.8E-3	3.8E-4	-4.8E-4	1.4E-6	-1.4E-6
52	0.097	-0.097	0.269	-0.269	0.111	-0.225	2.6E-3	-2.5E-3	4.7E-4	-5.5E-4	5.2E-6	-5.2E-6
53	0.097	-0.097	0.271	-0.271	0.115	-0.230	2.6E-3	-2.6E-3	5.9E-4	-4.9E-4	7.0E-7	-7.0E-7
54	0.096	-0.096	0.272	-0.272	-0.009	-0.110	2.9E-3	-2.9E-3	5.7E-4	-4.6E-4	3.1E-6	-3.1E-6
55	0.102	-0.102	0.285	-0.285	0.345	-0.467	3.2E-3	-3.2E-3	9.8E-4	-8.8E-4	4.3E-4	-4.3E-4
56	0.102	-0.102	0.285	-0.285	0.344	-0.466	3.1E-3	-3.2E-3	8.8E-4	-9.8E-4	4.3E-4	-4.3E-4
57	0.101	-0.101	0.288	-0.288	0.305	-0.429	3.2E-3	-3.2E-3	9.8E-4	-8.8E-4	4.3E-4	-4.3E-4
58	0.096	-0.096	0.288	-0.288	0.021	-0.145	3.3E-3	-3.3E-3	8.7E-4	-8.1E-4	4.3E-4	-4.3E-4
59	0.101	-0.101	0.289	-0.289	0.306	-0.429	3.1E-3	-3.2E-3	8.8E-4	-9.8E-4	4.3E-4	-4.3E-4
60	0.096	-0.096	0.289	-0.289	0.021	-0.145	3.3E-3	-3.2E-3	8.0E-4	-8.6E-4	4.3E-4	-4.3E-4
61	0.096	-0.096	0.288	-0.288	0.043	-0.169	3.3E-3	-3.3E-3	8.7E-4	-8.1E-4	4.3E-4	-4.3E-4
62	0.101	-0.101	0.288	-0.288	0.278	-0.407	4.2E-3	-4.1E-3	1.1E-3	-9.9E-4	4.3E-4	-4.3E-4
63	0.096	-0.096	0.289	-0.289	0.041	-0.167	3.3E-3	-3.2E-3	8.0E-4	-8.6E-4	4.3E-4	-4.3E-4
64	0.101	-0.101	0.289	-0.289	0.278	-0.408	4.2E-3	-4.1E-3	1.0E-3	-1.1E-3	4.3E-4	-4.3E-4
65	0.102	-0.102	0.282	-0.282	0.307	-0.435	4.2E-3	-4.1E-3	1.1E-3	-9.9E-4	4.3E-4	-4.3E-4
66	0.102	-0.102	0.282	-0.282	0.306	-0.435	4.2E-3	-4.1E-3	1.0E-3	-1.1E-3	4.3E-4	-4.3E-4
67	2.204	-2.204	4.908	-4.877	0.345	-0.475	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
68	2.204	-2.204	4.899	-4.868	0.345	-0.474	3.6E-3	-3.5E-3	2.2E-3	-2.0E-3	2.2E-3	-2.2E-3
69	2.194	-2.195	4.925	-4.895	0.312	-0.440	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
70	2.210	-2.211	4.941	-4.910	0.030	-0.177	3.5E-3	-3.6E-3	4.8E-3	-4.8E-3	2.2E-3	-2.2E-3
71	2.194	-2.194	5.091	-5.061	0.398	-0.516	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
72	2.204	-2.204	4.975	-4.944	0.350	-0.475	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
73	2.206	-2.206	4.941	-4.911	0.420	-0.546	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
74	2.197	-2.197	4.924	-4.894	0.528	-0.652	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
75	2.195	-2.194	4.916	-4.885	0.312	-0.439	3.6E-3	-3.5E-3	2.2E-3	-2.0E-3	2.2E-3	-2.2E-3
76	2.208	-2.208	4.932	-4.901	0.030	-0.177	3.5E-3	-3.6E-3	4.8E-3	-4.8E-3	2.2E-3	-2.2E-3
77	2.204	-2.204	4.965	-4.934	0.351	-0.475	3.6E-3	-3.5E-3	2.2E-3	-2.0E-3	2.2E-3	-2.2E-3
78	2.194	-2.194	5.080	-5.049	0.399	-0.517	3.6E-3	-3.5E-3	2.2E-3	-2.1E-3	2.2E-3	-2.2E-3
79	2.205	-2.205	4.932	-4.901	0.420	-0.545	3.6E-3	-3.5E-3	2.2E-3	-2.0E-3	2.2E-3	-2.2E-3
80	2.197	-2.197	4.915	-4.884	0.528	-0.651	3.6E-3	-3.5E-3	2.2E-3	-2.0E-3	2.2E-3	-2.2E-3
81	2.209	-2.209	4.939	-4.909	0.040	-0.175	3.5E-3	-3.6E-3	4.8E-3	-4.8E-3	2.2E-3	-2.2E-3
82	2.201	-2.202	4.935	-4.905	0.354	-0.481	9.1E-3	-8.9E-3	4.1E-3	-4.2E-3	2.2E-3	-2.2E-3
83	2.207	-2.207	4.930	-4.899	0.040	-0.175	3.5E-3	-3.6E-3	4.8E-3	-4.8E-3	2.2E-3	-2.2E-3
84	2.200	-2.200	4.926	-4.895	0.353	-0.481	9.1E-3	-8.8E-3	4.1E-3	-4.1E-3	2.2E-3	-2.2E-3
85	2.226	-2.226	4.905	-4.874	0.314	-0.445	9.1E-3	-8.9E-3	4.1E-3	-4.2E-3	2.2E-3	-2.2E-3
86	2.221	-2.221	4.897	-4.865	0.314	-0.446	9.1E-3	-8.8E-3	4.1E-3	-4.1E-3	2.2E-3	-2.2E-3
87	2.202	-2.202	5.092	-5.061	0.661	-0.792	9.2E-3	-8.8E-3	4.3E-3	-4.3E-3	2.2E-3	-2.2E-3
88	2.226	-2.226	4.982	-4.951	0.424	-0.553	9.1E-3	-8.9E-3	4.1E-3	-4.2E-3	2.2E-3	-2.2E-3
89	2.221	-2.221	4.973	-4.941	0.423	-0.552	9.1E-3	-8.8E-3	4.1E-3	-4.1E-3	2.2E-3	-2.2E-3
90	2.202	-2.202	5.080	-5.048	0.657	-0.788	9.1E-3	-8.8E-3	4.3E-3	-4.3E-3	2.2E-3	-2.2E-3
91	2.162	-2.165	4.873	-4.844	0.366	-0.493	3.6E-3	-3.5E-3	2.1E-3	-2.2E-3	2.2E-3	-2.2E-3
92	2.167	-2.164	4.864	-4.834	0.366	-0.492	3.6E-3	-3.5E-3	2.2E-3	-2.0E-3	2.2E-3	-2.2E-3
93	2.138	-2.139	4.893	-4.862	0.024	-0.176	3.5E-3	-3.6E-3	4.8E-3	-4.8E-3	2.2E-3	-2.2E-3
94	2.144	-2.143	4.884	-4.852	0.024	-0.176	3.5E-3	-3.6E-3	4.8E-3	-4.8E-3	2.2E-3	-2.2E-3
95	2.151	-2.153	4.771	-4.744	0.294	-0.423	9.1E-3	-8.9E-3	4.1E-3	-4.2E-3	2.2E-3	-2.2E-3
96	2.157	-2.156	4.763	-4.735	0.294	-0.423	9.1E-3	-8.8E-3	4.1E-3	-4.1E-3	2.2E-3	-2.2E-3
97	0.102	-0.102	0.264	-0.264	0.254	-0.375	3.2E-3	-3.2E-3	4.9E-4	-4.1E-4	4.3E-4	-4.3E-4
98	0.102	-0.102	0.264	-0.264	0.253	-0.374	3.2E-3	-3.1E-3	4.0E-4	-4.8E-4	4.3E-4	-4.3E-4

## 4.2.1.2 Involuppi SLD.

Tabella 42.I

STATO LIMITE DI DANNO						
Spostamenti				Rotazioni		
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	0.021	-0.023	0.025	-0.025	-0.020	-0.104	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
2	0.023	-0.021	0.024	-0.025	-0.020	-0.104	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
3	0.018	-0.019	0.025	-0.024	-0.043	-0.082	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
4	0.019	-0.018	0.025	-0.024	-0.044	-0.081	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
5	0.018	-0.019	0.026	-0.025	-0.031	-0.097	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
6	0.019	-0.018	0.025	-0.025	-0.031	-0.097	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
7	0.023	-0.023	0.022	-0.022	-0.008	-0.122	3.4E-4	-3.3E-4	1.6E-4	-1.9E-4	5.4E-7	-5.4E-7
8	0.023	-0.023	0.022	-0.022	-0.008	-0.122	3.4E-4	-3.3E-4	1.8E-4	-1.6E-4	1.4E-7	-1.4E-7
9	0.022	-0.022	0.022	-0.022	-0.013	-0.115	2.6E-4	-3.1E-4	1.6E-4	-1.8E-4	1.6E-7	-1.6E-7
10	0.022	-0.022	0.022	-0.022	-0.013	-0.115	2.6E-4	-3.1E-4	1.7E-4	-1.6E-4	4.5E-7	-4.5E-7
11	0.020	-0.020	0.021	-0.021	-0.020	-0.104	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
12	0.020	-0.020	0.021	-0.021	-0.020	-0.104	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
13	0.016	-0.016	0.021	-0.021	-0.043	-0.082	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
14	0.016	-0.016	0.021	-0.021	-0.044	-0.081	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
15	0.016	-0.016	0.021	-0.021	-0.031	-0.097	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
16	0.016	-0.016	0.021	-0.021	-0.031	-0.097	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
17	0.015	-0.015	0.021	-0.021	-0.012	-0.116	3.0E-4	-3.1E-4	2.0E-4	-1.5E-4	5.8E-7	-5.8E-7
18	0.015	-0.015	0.019	-0.019	-0.018	-0.105	3.3E-4	-2.9E-4	1.5E-4	-8.5E-5	1.0E-7	-1.0E-7
19	0.015	-0.015	0.019	-0.019	-0.018	-0.105	3.2E-4	-2.8E-4	7.6E-5	-1.5E-4	3.5E-7	-3.5E-7
20	0.015	-0.015	0.021	-0.021	-0.013	-0.116	3.3E-4	-3.2E-4	1.6E-4	-2.1E-4	9.1E-7	-9.1E-7
21	0.023	-0.023	0.022	-0.022	-0.028	-0.100	3.3E-4	-3.1E-4	1.7E-4	-1.4E-4	5.1E-8	-5.1E-8
22	0.023	-0.023	0.022	-0.022	-0.029	-0.097	2.9E-4	-2.7E-4	1.6E-4	-1.9E-4	1.6E-7	-1.6E-7
23	0.020	-0.020	0.021	-0.021	-0.016	-0.106	2.8E-4	-3.2E-4	1.3E-4	-2.4E-4	2.5E-7	-2.5E-7
24	0.020	-0.020	0.019	-0.019	-0.020	-0.094	2.3E-4	-2.5E-4	4.8E-5	-1.2E-4	4.8E-7	-4.8E-7
25	0.020	-0.020	0.019	-0.019	-0.019	-0.094	2.3E-4	-2.6E-4	1.1E-4	-4.6E-5	1.5E-7	-1.5E-7
26	0.020	-0.020	0.021	-0.021	-0.016	-0.106	2.8E-4	-3.2E-4	2.3E-4	-1.2E-4	3.5E-7	-3.5E-7
27	0.023	-0.023	0.022	-0.022	-0.029	-0.097	2.8E-4	-2.8E-4	1.9E-4	-1.5E-4	7.5E-7	-7.5E-7
28	0.023	-0.023	0.022	-0.022	-0.028	-0.100	3.4E-4	-3.0E-4	1.6E-4	-1.6E-4	2.4E-7	-2.4E-7
29	0.020	-0.020	0.020	-0.020	-0.022	-0.094	2.4E-4	-2.7E-4	1.5E-4	-5.5E-5	3.4E-5	-3.3E-5
30	0.020	-0.020	0.018	-0.018	-0.024	-0.088	2.3E-4	-2.4E-4	6.8E-5	-6.5E-5	3.4E-5	-3.4E-5
31	0.020	-0.020	0.020	-0.020	-0.022	-0.093	2.4E-4	-2.7E-4	5.7E-5	-1.6E-4	3.3E-5	-3.4E-5
32	0.018	-0.018	0.021	-0.021	-0.039	-0.083	2.5E-4	-2.5E-4	2.0E-4	-1.2E-4	3.3E-5	-3.3E-5
33	0.018	-0.018	0.021	-0.021	-0.039	-0.082	2.5E-4	-2.5E-4	1.2E-4	-2.0E-4	3.3E-5	-3.3E-5
34	0.016	-0.016	0.019	-0.019	-0.034	-0.086	3.2E-4	-2.6E-4	1.3E-4	-5.5E-5	3.3E-5	-3.3E-5
35	0.016	-0.016	0.019	-0.019	-0.034	-0.086	3.2E-4	-2.6E-4	4.9E-5	-1.3E-4	3.3E-5	-3.3E-5
36	0.015	-0.015	0.021	-0.021	-0.022	-0.107	3.3E-4	-3.2E-4	1.5E-4	-2.1E-4	5.2E-7	-5.2E-7
37	0.019	-0.019	0.022	-0.022	-0.034	-0.090	2.8E-4	-2.7E-4	2.0E-4	-1.5E-4	1.8E-7	-1.8E-7
38	0.019	-0.019	0.022	-0.022	-0.036	-0.091	3.4E-4	-2.9E-4	1.8E-4	-1.6E-4	7.9E-7	-7.9E-7
39	0.020	-0.020	0.021	-0.021	-0.018	-0.105	2.9E-4	-3.2E-4	1.4E-4	-2.5E-4	2.5E-7	-2.5E-7
40	0.018	-0.018	0.019	-0.019	-0.041	-0.070	2.4E-4	-2.3E-4	7.9E-5	-6.0E-5	4.5E-7	-4.5E-7
41	0.016	-0.016	0.019	-0.019	-0.052	-0.063	2.9E-4	-2.3E-4	9.9E-5	-5.3E-5	3.3E-7	-3.3E-7
42	0.015	-0.015	0.019	-0.019	-0.026	-0.098	3.3E-4	-2.9E-4	8.7E-5	-1.7E-4	2.0E-7	-2.0E-7
43	0.015	-0.015	0.019	-0.019	-0.027	-0.094	3.2E-4	-2.7E-4	7.8E-5	-1.1E-4	3.3E-7	-3.3E-7
44	0.019	-0.019	0.022	-0.022	-0.024	-0.101	2.6E-4	-3.0E-4	1.8E-4	-1.4E-4	2.2E-7	-2.2E-7
45	0.018	-0.018	0.022	-0.022	-0.029	-0.101	3.4E-4	-3.1E-4	1.6E-4	-1.7E-4	8.7E-8	-8.7E-8
46	0.020	-0.020	0.020	-0.020	-0.020	-0.097	2.5E-4	-2.8E-4	7.9E-5	-1.7E-4	3.4E-7	-3.4E-7
47	0.020	-0.020	0.022	-0.022	-0.021	-0.105	2.7E-4	-3.1E-4	1.5E-4	-2.0E-4	5.5E-7	-5.5E-7
48	0.019	-0.019	0.022	-0.022	-0.027	-0.098	2.6E-4	-2.9E-4	1.5E-4	-1.9E-4	7.2E-7	-7.2E-7
49	0.018	-0.018	0.022	-0.022	-0.031	-0.098	3.5E-4	-3.1E-4	1.7E-4	-1.6E-4	9.6E-8	-9.6E-8
50	0.018	-0.018	0.022	-0.022	-0.020	-0.110	3.4E-4	-3.2E-4	1.7E-4	-1.7E-4	6.5E-7	-6.5E-7
51	0.016	-0.016	0.019	-0.019	-0.052	-0.065	2.9E-4	-2.3E-4	4.3E-5	-1.4E-4	6.5E-7	-6.5E-7
52	0.018	-0.018	0.019	-0.019	-0.041	-0.074	2.5E-4	-2.4E-4	6.4E-5	-1.5E-4	7.9E-7	-7.9E-7
53	0.018	-0.018	0.020	-0.020	-0.041	-0.075	2.5E-4	-2.4E-4	1.6E-4	-6.8E-5	6.2E-7	-6.2E-7
54	0.016	-0.016	0.020	-0.020	-0.051	-0.068	3.0E-4	-2.4E-4	1.7E-4	-5.9E-5	1.3E-7	-1.3E-7
55	0.020	-0.020	0.021	-0.021	-0.021	-0.102	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
56	0.020	-0.020	0.021	-0.021	-0.021	-0.102	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
57	0.019	-0.019	0.021	-0.021	-0.024	-0.099	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
58	0.017	-0.017	0.021	-0.021	-0.044	-0.080	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
59	0.019	-0.019	0.021	-0.021	-0.024	-0.099	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
60	0.017	-0.017	0.021	-0.021	-0.044	-0.080	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
61	0.016	-0.016	0.021	-0.021	-0.043	-0.083	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
62	0.016	-0.016	0.021	-0.021	-0.030	-0.100	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
63	0.016	-0.016	0.021	-0.021	-0.043	-0.083	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
64	0.016	-0.016	0.021	-0.021	-0.030	-0.100	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
65	0.016	-0.016	0.021	-0.021	-0.027	-0.101	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
66	0.016	-0.016	0.020	-0.021	-0.028	-0.101	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
67	0.312	-0.312	0.325	-0.295	-0.005	-0.125	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
68	0.312	-0.312	0.323	-0.292	-0.005	-0.125	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
69	0.310	-0.310	0.326	-0.295	-0.004	-0.124	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
70	0.311	-0.312	0.327	-0.297	-0.003	-0.123	3.2E-4	-3.7E-4	6.4E-4	-6.7E-4	1.3E-4	-1.3E-4
71	0.310	-0.310	0.335	-0.305	0.000	-0.118	3.4E-4	-2.7E-4	2.7E-4	-3.8E-4	1.3E-4	-1.3E-4

72	0.312	-0.312	0.329	-0.299	-0.003	-0.122	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
73	0.312	-0.312	0.327	-0.297	-0.003	-0.123	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
74	0.311	-0.311	0.326	-0.295	-0.002	-0.121	3.4E-4	-2.7E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
75	0.310	-0.310	0.323	-0.293	-0.004	-0.124	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
76	0.312	-0.311	0.325	-0.294	-0.003	-0.123	3.2E-4	-3.7E-4	6.6E-4	-6.4E-4	1.3E-4	-1.3E-4
77	0.312	-0.312	0.327	-0.296	-0.003	-0.122	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
78	0.310	-0.310	0.333	-0.302	0.000	-0.118	3.4E-4	-2.7E-4	3.8E-4	-2.7E-4	1.3E-4	-1.3E-4
79	0.312	-0.312	0.325	-0.294	-0.003	-0.123	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
80	0.311	-0.311	0.324	-0.292	-0.002	-0.121	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
81	0.311	-0.311	0.327	-0.297	-0.002	-0.122	3.2E-4	-3.7E-4	6.4E-4	-6.7E-4	1.3E-4	-1.3E-4
82	0.309	-0.309	0.326	-0.296	-0.004	-0.124	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
83	0.311	-0.311	0.325	-0.294	-0.002	-0.122	3.2E-4	-3.7E-4	6.6E-4	-6.4E-4	1.3E-4	-1.3E-4
84	0.309	-0.309	0.324	-0.293	-0.004	-0.124	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
85	0.312	-0.312	0.326	-0.294	-0.005	-0.126	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
86	0.312	-0.312	0.323	-0.291	-0.006	-0.126	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
87	0.309	-0.309	0.336	-0.305	0.015	-0.147	8.0E-4	-4.1E-4	6.2E-4	-5.5E-4	1.3E-4	-1.3E-4
88	0.312	-0.312	0.330	-0.299	-0.005	-0.124	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
89	0.312	-0.312	0.328	-0.296	-0.005	-0.124	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
90	0.309	-0.309	0.333	-0.301	0.016	-0.147	8.1E-4	-4.1E-4	5.4E-4	-6.2E-4	1.3E-4	-1.3E-4
91	0.304	-0.307	0.321	-0.292	-0.004	-0.123	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
92	0.307	-0.304	0.318	-0.289	-0.003	-0.123	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
93	0.301	-0.302	0.323	-0.292	-0.002	-0.122	3.2E-4	-3.7E-4	6.4E-4	-6.7E-4	1.3E-4	-1.3E-4
94	0.302	-0.302	0.321	-0.289	-0.002	-0.122	3.2E-4	-3.7E-4	6.6E-4	-6.4E-4	1.3E-4	-1.3E-4
95	0.300	-0.301	0.315	-0.287	-0.004	-0.124	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
96	0.302	-0.301	0.312	-0.285	-0.005	-0.125	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
97	0.015	-0.015	0.019	-0.019	-0.031	-0.090	3.2E-4	-2.6E-4	1.3E-4	-5.5E-5	3.3E-5	-3.3E-5
98	0.015	-0.015	0.019	-0.019	-0.031	-0.090	3.2E-4	-2.6E-4	4.9E-5	-1.3E-4	3.3E-5	-3.3E-5

#### 4.2.1.3 Involuppi SLE

Tabella 43.I

STATO LIMITE D'ESERCIZIO - Rare												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.014	-0.016	0.013	-0.013	-0.063	-0.068	3.1E-6	-2.9E-5	6.5E-5	5.1E-5	2.0E-6	-4.7E-6
2	0.016	-0.015	0.013	-0.013	-0.063	-0.068	2.6E-6	-2.8E-5	-5.0E-5	-6.1E-5	2.2E-6	-5.2E-6
3	0.015	-0.016	0.003	-0.002	-0.066	-0.070	6.3E-5	3.5E-5	4.4E-5	3.2E-5	2.1E-5	-2.3E-5
4	0.016	-0.015	0.003	-0.002	-0.066	-0.070	6.4E-5	3.5E-5	-3.2E-5	-4.1E-5	2.1E-5	-2.3E-5
5	0.013	-0.014	0.011	-0.010	-0.068	-0.074	4.7E-5	9.0E-6	5.3E-5	3.9E-5	6.5E-6	-8.3E-6
6	0.014	-0.013	0.011	-0.010	-0.068	-0.074	4.9E-5	1.1E-5	-3.7E-5	-4.9E-5	6.1E-6	-8.5E-6
7	0.023	-0.023	0.016	-0.016	-0.069	-0.076	3.1E-5	-2.2E-6	-2.0E-6	-1.2E-5	0.0E+0	0.0E+0
8	0.023	-0.023	0.016	-0.016	-0.069	-0.076	3.3E-5	3.4E-7	1.3E-5	6.5E-6	0.0E+0	0.0E+0
9	0.023	-0.023	0.015	-0.015	-0.065	-0.071	-1.2E-6	-2.9E-5	-1.1E-5	-1.9E-5	0.0E+0	0.0E+0
10	0.023	-0.023	0.015	-0.015	-0.065	-0.071	-1.0E-6	-2.9E-5	1.8E-5	7.3E-6	0.0E+0	0.0E+0
11	0.015	-0.015	0.013	-0.013	-0.063	-0.068	3.1E-6	-2.9E-5	6.5E-5	5.1E-5	2.0E-6	-4.7E-6
12	0.015	-0.015	0.013	-0.013	-0.063	-0.068	2.6E-6	-2.8E-5	-5.0E-5	-6.1E-5	2.2E-6	-5.2E-6
13	0.015	-0.016	0.002	-0.002	-0.066	-0.070	6.3E-5	3.5E-5	4.4E-5	3.2E-5	2.1E-5	-2.3E-5
14	0.015	-0.016	0.002	-0.002	-0.066	-0.070	6.4E-5	3.5E-5	-3.2E-5	-4.1E-5	2.1E-5	-2.3E-5
15	0.013	-0.014	0.010	-0.010	-0.068	-0.074	4.7E-5	9.0E-6	5.3E-5	3.9E-5	6.5E-6	-8.3E-6
16	0.013	-0.014	0.010	-0.010	-0.068	-0.074	4.9E-5	1.1E-5	-3.7E-5	-4.9E-5	6.1E-6	-8.5E-6
17	0.014	-0.014	0.016	-0.016	-0.068	-0.075	2.0E-5	-9.6E-6	3.9E-5	2.8E-5	0.0E+0	0.0E+0
18	0.005	-0.005	0.016	-0.016	-0.065	-0.071	4.8E-5	1.7E-5	4.5E-5	3.7E-5	0.0E+0	0.0E+0
19	0.005	-0.005	0.016	-0.016	-0.065	-0.071	4.7E-5	1.7E-5	-3.9E-5	-4.7E-5	0.0E+0	0.0E+0
20	0.014	-0.014	0.016	-0.016	-0.068	-0.075	3.0E-5	-1.7E-6	-2.6E-5	-3.6E-5	0.0E+0	0.0E+0
21	0.023	-0.023	0.006	-0.006	-0.068	-0.073	3.8E-5	7.8E-6	1.2E-5	5.7E-6	0.0E+0	0.0E+0
22	0.023	-0.023	0.005	-0.005	-0.066	-0.071	2.8E-5	2.8E-6	-1.9E-5	-2.7E-5	0.0E+0	0.0E+0
23	0.014	-0.014	0.015	-0.015	-0.062	-0.067	3.6E-6	-2.6E-5	-5.9E-5	-7.0E-5	0.0E+0	0.0E+0
24	0.005	-0.005	0.015	-0.015	-0.057	-0.062	1.2E-5	-1.2E-5	-3.6E-5	-4.2E-5	0.0E+0	0.0E+0
25	0.005	-0.005	0.015	-0.015	-0.057	-0.062	8.6E-6	-1.5E-5	4.2E-5	3.7E-5	0.0E+0	0.0E+0
26	0.014	-0.014	0.015	-0.015	-0.062	-0.068	3.7E-6	-2.6E-5	7.4E-5	6.1E-5	0.0E+0	0.0E+0
27	0.023	-0.023	0.005	-0.005	-0.066	-0.071	2.4E-5	-9.0E-7	3.2E-5	2.2E-5	0.0E+0	0.0E+0
28	0.023	-0.023	0.006	-0.006	-0.068	-0.073	4.4E-5	1.4E-5	9.5E-6	-4.6E-7	0.0E+0	0.0E+0
29	0.008	-0.008	0.014	-0.013	-0.059	-0.064	4.6E-6	-2.0E-5	6.1E-5	5.3E-5	5.7E-6	-7.4E-6
30	0.000	-0.001	0.014	-0.014	-0.057	-0.061	1.1E-5	-1.2E-5	3.3E-6	1.4E-6	4.3E-7	-3.7E-6
31	0.008	-0.008	0.014	-0.013	-0.059	-0.063	7.0E-6	-1.7E-5	-5.3E-5	-6.1E-5	5.1E-6	-7.2E-6
32	0.015	-0.016	0.006	-0.006	-0.064	-0.068	1.9E-5	-2.6E-6	5.2E-5	4.2E-5	1.3E-5	-1.5E-5
33	0.015	-0.016	0.006	-0.006	-0.064	-0.068	2.1E-5	-1.6E-6	-4.1E-5	-4.9E-5	1.3E-5	-1.5E-5
34	0.005	-0.005	0.010	-0.010	-0.064	-0.069	5.8E-5	3.0E-5	4.8E-5	4.2E-5	1.4E-5	-1.6E-5
35	0.005	-0.005	0.010	-0.010	-0.064	-0.069	5.7E-5	2.9E-5	-4.4E-5	-5.1E-5	1.4E-5	-1.6E-5
36	0.014	-0.014	0.013	-0.013	-0.068	-0.075	2.9E-5	-3.1E-6	-2.9E-5	-3.9E-5	0.0E+0	0.0E+0

37	0.019	-0.019	0.006	-0.006	-0.065	-0.069	2.7E-5	2.2E-6	3.9E-5	2.8E-5	0.0E+0	0.0E+0
38	0.019	-0.019	0.004	-0.004	-0.068	-0.072	4.9E-5	1.9E-5	1.7E-5	6.6E-6	0.0E+0	0.0E+0
39	0.014	-0.015	0.014	-0.014	-0.063	-0.068	3.1E-6	-2.7E-5	-5.7E-5	-6.8E-5	0.0E+0	0.0E+0
40	0.002	-0.002	0.006	-0.006	-0.058	-0.061	2.5E-5	1.7E-6	1.2E-5	1.0E-5	0.0E+0	0.0E+0
41	0.003	-0.003	0.003	-0.003	-0.060	-0.064	5.2E-5	2.7E-5	2.8E-5	2.5E-5	0.0E+0	0.0E+0
42	0.006	-0.006	0.013	-0.013	-0.065	-0.071	4.8E-5	1.8E-5	-4.5E-5	-5.4E-5	0.0E+0	0.0E+0
43	0.002	-0.002	0.013	-0.013	-0.064	-0.069	5.3E-5	2.3E-5	-1.7E-5	-2.2E-5	0.0E+0	0.0E+0
44	0.019	-0.019	0.011	-0.011	-0.065	-0.070	4.5E-7	-2.6E-5	3.2E-5	2.1E-5	0.0E+0	0.0E+0
45	0.018	-0.019	0.010	-0.010	-0.069	-0.075	4.0E-5	8.4E-6	7.4E-6	-2.5E-6	0.0E+0	0.0E+0
46	0.009	-0.009	0.014	-0.014	-0.060	-0.064	6.5E-6	-1.9E-5	-5.0E-5	-5.8E-5	0.0E+0	0.0E+0
47	0.019	-0.019	0.013	-0.012	-0.065	-0.070	3.4E-6	-2.5E-5	-2.4E-5	-3.3E-5	0.0E+0	0.0E+0
48	0.019	-0.019	0.010	-0.010	-0.065	-0.069	4.7E-6	-2.1E-5	-2.3E-5	-3.2E-5	0.0E+0	0.0E+0
49	0.018	-0.019	0.009	-0.009	-0.069	-0.074	4.3E-5	1.1E-5	5.4E-6	-1.1E-6	0.0E+0	0.0E+0
50	0.018	-0.018	0.013	-0.013	-0.069	-0.076	3.1E-5	-8.0E-7	-1.8E-7	-7.5E-6	0.0E+0	0.0E+0
51	0.006	-0.006	0.003	-0.003	-0.062	-0.065	5.7E-5	3.2E-5	-5.3E-5	-5.9E-5	0.0E+0	0.0E+0
52	0.007	-0.007	0.006	-0.006	-0.060	-0.063	2.9E-5	5.4E-6	-4.7E-5	-5.2E-5	0.0E+0	0.0E+0
53	0.008	-0.008	0.006	-0.006	-0.060	-0.064	2.6E-5	2.1E-6	5.8E-5	5.1E-5	0.0E+0	0.0E+0
54	0.008	-0.008	0.003	-0.003	-0.063	-0.066	5.7E-5	3.1E-5	6.7E-5	5.9E-5	0.0E+0	0.0E+0
55	0.015	-0.015	0.013	-0.013	-0.063	-0.068	3.1E-6	-2.9E-5	6.5E-5	5.1E-5	2.0E-6	-4.7E-6
56	0.015	-0.015	0.013	-0.013	-0.063	-0.067	2.6E-6	-2.8E-5	-5.0E-5	-6.1E-5	2.2E-6	-5.2E-6
57	0.015	-0.015	0.013	-0.013	-0.063	-0.068	3.1E-6	-2.9E-5	6.5E-5	5.1E-5	2.0E-6	-4.7E-6
58	0.016	-0.016	0.002	-0.002	-0.066	-0.069	6.3E-5	3.5E-5	4.4E-5	3.2E-5	2.1E-5	-2.3E-5
59	0.015	-0.015	0.013	-0.013	-0.063	-0.068	2.6E-6	-2.8E-5	-5.0E-5	-6.1E-5	2.2E-6	-5.2E-6
60	0.016	-0.016	0.002	-0.002	-0.066	-0.069	6.4E-5	3.5E-5	-3.2E-5	-4.1E-5	2.1E-5	-2.3E-5
61	0.015	-0.015	0.002	-0.002	-0.067	-0.071	6.3E-5	3.5E-5	4.4E-5	3.2E-5	2.1E-5	-2.3E-5
62	0.013	-0.014	0.010	-0.010	-0.069	-0.075	4.7E-5	9.0E-6	5.3E-5	3.9E-5	6.5E-6	-8.3E-6
63	0.015	-0.015	0.002	-0.002	-0.067	-0.071	6.4E-5	3.5E-5	-3.2E-5	-4.1E-5	2.1E-5	-2.3E-5
64	0.013	-0.014	0.010	-0.010	-0.069	-0.075	4.9E-5	1.1E-5	-3.7E-5	-4.9E-5	6.1E-6	-8.5E-6
65	0.013	-0.014	0.010	-0.010	-0.068	-0.074	4.7E-5	9.0E-6	5.3E-5	3.9E-5	6.5E-6	-8.3E-6
66	0.013	-0.014	0.010	-0.010	-0.068	-0.074	4.9E-5	1.1E-5	-3.7E-5	-4.9E-5	6.1E-6	-8.5E-6
67	0.023	-0.026	0.051	-0.001	-0.005	-0.133	8.6E-5	3.6E-5	-6.2E-5	-1.2E-4	9.0E-6	-2.7E-5
68	0.023	-0.026	0.051	-0.001	-0.005	-0.133	8.6E-5	3.6E-5	1.2E-4	6.2E-5	7.8E-6	-2.8E-5
69	0.022	-0.026	0.051	-0.001	-0.004	-0.132	8.6E-5	3.6E-5	-6.2E-5	-1.2E-4	9.0E-6	-2.7E-5
70	0.019	-0.024	0.042	0.011	-0.003	-0.131	-1.5E-6	-3.5E-5	2.6E-6	-3.3E-5	1.4E-5	-2.8E-5
71	0.032	-0.035	0.051	0.000	0.000	-0.124	7.6E-5	2.9E-5	-3.9E-5	-8.6E-5	9.0E-6	-2.7E-5
72	0.023	-0.026	0.051	-0.001	-0.003	-0.129	8.6E-5	3.6E-5	-6.2E-5	-1.2E-4	9.0E-6	-2.7E-5
73	0.023	-0.026	0.051	-0.001	-0.003	-0.130	8.6E-5	3.6E-5	-6.2E-5	-1.2E-4	9.0E-6	-2.7E-5
74	0.024	-0.026	0.055	-0.005	-0.002	-0.128	8.4E-5	3.4E-5	-6.2E-5	-1.2E-4	9.0E-6	-2.7E-5
75	0.023	-0.025	0.051	-0.001	-0.004	-0.131	8.6E-5	3.6E-5	1.2E-4	6.2E-5	7.8E-6	-2.8E-5
76	0.020	-0.024	0.043	0.011	-0.003	-0.131	8.0E-8	-3.3E-5	4.2E-5	-2.0E-6	1.2E-5	-3.1E-5
77	0.023	-0.026	0.051	0.000	-0.003	-0.129	8.6E-5	3.6E-5	1.2E-4	6.2E-5	7.8E-6	-2.8E-5
78	0.032	-0.035	0.051	0.000	0.000	-0.124	7.6E-5	2.9E-5	9.0E-5	3.9E-5	7.8E-6	-2.8E-5
79	0.023	-0.026	0.051	0.000	-0.003	-0.130	8.6E-5	3.6E-5	1.2E-4	6.2E-5	7.8E-6	-2.8E-5
80	0.024	-0.026	0.056	-0.005	-0.002	-0.128	8.4E-5	3.5E-5	1.2E-4	6.2E-5	7.8E-6	-2.8E-5
81	0.019	-0.024	0.042	0.011	-0.002	-0.130	-1.5E-6	-3.5E-5	2.6E-6	-3.3E-5	1.4E-5	-2.8E-5
82	0.018	-0.023	0.048	0.004	-0.004	-0.134	1.8E-4	9.6E-5	-2.0E-5	-6.5E-5	5.5E-6	-2.8E-5
83	0.019	-0.023	0.043	0.011	-0.002	-0.130	8.0E-8	-3.3E-5	4.2E-5	-2.0E-6	1.2E-5	-3.1E-5
84	0.019	-0.023	0.048	0.004	-0.004	-0.134	1.8E-4	9.7E-5	7.1E-5	2.0E-5	8.2E-6	-2.5E-5
85	0.018	-0.023	0.049	0.004	-0.005	-0.137	1.8E-4	9.6E-5	-2.0E-5	-6.5E-5	5.5E-6	-2.8E-5
86	0.018	-0.023	0.049	0.005	-0.006	-0.137	1.8E-4	9.7E-5	7.1E-5	2.0E-5	8.2E-6	-2.5E-5
87	0.029	-0.034	0.049	0.003	-0.007	-0.136	3.2E-4	1.9E-4	6.9E-5	2.3E-5	5.5E-6	-2.8E-5
88	0.018	-0.023	0.049	0.004	-0.005	-0.135	1.8E-4	9.6E-5	-2.0E-5	-6.5E-5	5.5E-6	-2.8E-5
89	0.018	-0.023	0.049	0.004	-0.005	-0.135	1.8E-4	9.7E-5	7.1E-5	2.0E-5	8.2E-6	-2.5E-5
90	0.029	-0.034	0.049	0.004	-0.007	-0.136	3.2E-4	1.9E-4	-2.2E-5	-6.6E-5	8.2E-6	-2.5E-5
91	0.021	-0.027	0.049	-0.001	-0.004	-0.131	8.6E-5	3.6E-5	-6.2E-5	-1.2E-4	9.0E-6	-2.7E-5
92	0.024	-0.023	0.050	-0.001	-0.003	-0.130	8.6E-5	3.6E-5	1.2E-4	6.2E-5	7.8E-6	-2.8E-5
93	0.019	-0.024	0.042	0.011	-0.002	-0.131	-1.5E-6	-3.5E-5	2.6E-6	-3.3E-5	1.4E-5	-2.8E-5
94	0.020	-0.023	0.043	0.012	-0.002	-0.130	8.0E-8	-3.3E-5	4.2E-5	-2.0E-6	1.2E-5	-3.1E-5
95	0.017	-0.024	0.045	0.002	-0.004	-0.135	1.8E-4	9.6E-5	-2.0E-5	-6.5E-5	5.5E-6	-2.8E-5
96	0.019	-0.022	0.046	0.003	-0.005	-0.135	1.8E-4	9.7E-5	7.1E-5	2.0E-5	8.2E-6	-2.5E-5
97	0.005	-0.005	0.010	-0.010	-0.064	-0.069	5.8E-5	3.0E-5	4.8E-5	4.2E-5	1.4E-5	-1.6E-5
98	0.005	-0.005	0.010	-0.010	-0.064	-0.069	5.7E-5	2.9E-5	-4.4E-5	-5.1E-5	1.4E-5	-1.6E-5

Tabella 43.II

Stato Limite d'Esercizio - Frequenti												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.007	-0.008	0.006	-0.007	-0.062	-0.063	-1.6E-5	-2.2E-5	5.1E-5	4.7E-5	9.3E-7	-7.8E-7
2	0.008	-0.007	0.006	-0.007	-0.062	-0.063	-1.6E-5	-2.2E-5	-4.6E-5	-5.0E-5	9.3E-7	-1.1E-6
3	0.007	-0.008	0.001	0.000	-0.062	-0.064	4.1E-5	3.3E-5	3.2E-5	2.9E-5	1.0E-5	-1.0E-5
4	0.008	-0.007	0.001	0.000	-0.062	-0.064	4.1E-5	3.4E-5	-3.0E-5	-3.3E-5	1.0E-5	-1.0E-5

5	0.006	-0.007	0.005	-0.004	-0.064	-0.066	2.1E-5	1.4E-5	3.9E-5	3.6E-5	3.1E-6	-2.9E-6
6	0.007	-0.006	0.005	-0.004	-0.064	-0.067	2.3E-5	1.6E-5	-3.5E-5	-3.8E-5	2.9E-6	-3.1E-6
7	0.011	-0.011	0.008	-0.008	-0.064	-0.067	8.2E-6	1.9E-6	-1.0E-5	-1.2E-5	0.0E+0	0.0E+0
8	0.011	-0.011	0.008	-0.008	-0.065	-0.068	1.0E-5	4.2E-6	1.2E-5	1.0E-5	0.0E+0	0.0E+0
9	0.011	-0.011	0.007	-0.007	-0.063	-0.065	-1.8E-5	-2.3E-5	-9.7E-6	-1.2E-5	0.0E+0	0.0E+0
10	0.011	-0.011	0.007	-0.007	-0.063	-0.065	-1.8E-5	-2.3E-5	7.5E-6	5.2E-6	0.0E+0	0.0E+0
11	0.007	-0.007	0.006	-0.006	-0.062	-0.063	-1.6E-5	-2.2E-5	5.1E-5	4.7E-5	9.3E-7	-7.8E-7
12	0.007	-0.007	0.006	-0.006	-0.062	-0.063	-1.6E-5	-2.2E-5	-4.6E-5	-5.0E-5	9.3E-7	-1.1E-6
13	0.008	-0.008	0.001	-0.001	-0.062	-0.064	4.1E-5	3.3E-5	3.2E-5	2.9E-5	1.0E-5	-1.0E-5
14	0.008	-0.008	0.001	-0.001	-0.062	-0.064	4.1E-5	3.4E-5	-3.0E-5	-3.3E-5	1.0E-5	-1.0E-5
15	0.007	-0.007	0.005	-0.005	-0.064	-0.066	2.1E-5	1.4E-5	3.9E-5	3.6E-5	3.1E-6	-2.9E-6
16	0.007	-0.007	0.005	-0.005	-0.064	-0.067	2.3E-5	1.6E-5	-3.5E-5	-3.8E-5	2.9E-6	-3.1E-6
17	0.007	-0.007	0.007	-0.008	-0.064	-0.067	4.8E-7	-5.3E-6	2.7E-5	2.4E-5	0.0E+0	0.0E+0
18	0.002	-0.002	0.008	-0.008	-0.061	-0.064	2.6E-5	2.0E-5	3.6E-5	3.4E-5	0.0E+0	0.0E+0
19	0.002	-0.002	0.008	-0.008	-0.061	-0.064	2.6E-5	2.0E-5	-3.5E-5	-3.8E-5	0.0E+0	0.0E+0
20	0.007	-0.007	0.007	-0.008	-0.064	-0.067	8.4E-6	2.3E-6	-2.4E-5	-2.7E-5	0.0E+0	0.0E+0
21	0.011	-0.011	0.003	-0.003	-0.064	-0.066	1.6E-5	9.8E-6	1.1E-5	9.4E-6	0.0E+0	0.0E+0
22	0.011	-0.011	0.002	-0.002	-0.063	-0.065	1.0E-5	4.1E-6	-1.7E-5	-2.0E-5	0.0E+0	0.0E+0
23	0.007	-0.007	0.007	-0.007	-0.061	-0.063	-1.5E-5	-2.0E-5	-5.4E-5	-5.8E-5	0.0E+0	0.0E+0
24	0.002	-0.002	0.007	-0.007	-0.056	-0.058	-5.5E-6	-1.1E-5	-3.4E-5	-3.6E-5	0.0E+0	0.0E+0
25	0.002	-0.002	0.007	-0.007	-0.056	-0.058	-8.3E-6	-1.4E-5	3.6E-5	3.4E-5	0.0E+0	0.0E+0
26	0.007	-0.007	0.007	-0.007	-0.061	-0.063	-1.5E-5	-2.0E-5	5.9E-5	5.5E-5	0.0E+0	0.0E+0
27	0.011	-0.011	0.002	-0.002	-0.063	-0.065	6.3E-6	5.4E-7	2.2E-5	1.9E-5	0.0E+0	0.0E+0
28	0.011	-0.011	0.003	-0.003	-0.064	-0.066	2.2E-5	1.5E-5	6.8E-7	-1.4E-6	0.0E+0	0.0E+0
29	0.004	-0.004	0.006	-0.006	-0.058	-0.059	-1.2E-5	-1.8E-5	5.2E-5	4.9E-5	2.8E-6	-2.6E-6
30	0.000	0.000	0.006	-0.007	-0.056	-0.057	-5.9E-6	-1.2E-5	1.7E-6	1.4E-6	7.5E-8	-7.3E-7
31	0.004	-0.004	0.006	-0.006	-0.058	-0.059	-9.7E-6	-1.5E-5	-4.9E-5	-5.2E-5	2.4E-6	-2.5E-6
32	0.008	-0.008	0.003	-0.003	-0.061	-0.063	3.1E-6	-2.2E-6	4.1E-5	3.8E-5	6.4E-6	-6.3E-6
33	0.008	-0.008	0.003	-0.003	-0.061	-0.063	4.3E-6	-1.1E-6	-3.7E-5	-4.1E-5	6.2E-6	-6.3E-6
34	0.002	-0.002	0.005	-0.005	-0.060	-0.062	3.8E-5	3.1E-5	4.0E-5	3.8E-5	7.0E-6	-7.1E-6
35	0.002	-0.002	0.005	-0.005	-0.060	-0.062	3.6E-5	3.0E-5	-4.0E-5	-4.3E-5	7.1E-6	-7.0E-6
36	0.007	-0.007	0.006	-0.006	-0.064	-0.067	7.3E-6	1.2E-6	-2.7E-5	-3.0E-5	0.0E+0	0.0E+0
37	0.010	-0.010	0.002	-0.002	-0.062	-0.064	9.0E-6	3.2E-6	2.8E-5	2.5E-5	0.0E+0	0.0E+0
38	0.010	-0.009	0.002	-0.002	-0.063	-0.066	2.7E-5	2.0E-5	7.3E-6	5.1E-6	0.0E+0	0.0E+0
39	0.007	-0.007	0.007	-0.007	-0.061	-0.063	-1.5E-5	-2.1E-5	-5.3E-5	-5.7E-5	0.0E+0	0.0E+0
40	0.001	-0.001	0.003	-0.003	-0.055	-0.057	7.4E-6	1.5E-6	9.7E-6	9.3E-6	0.0E+0	0.0E+0
41	0.001	-0.001	0.001	-0.001	-0.057	-0.059	3.3E-5	2.7E-5	2.4E-5	2.3E-5	0.0E+0	0.0E+0
42	0.003	-0.003	0.006	-0.006	-0.061	-0.064	2.7E-5	2.1E-5	-4.1E-5	-4.4E-5	0.0E+0	0.0E+0
43	0.001	-0.001	0.006	-0.006	-0.060	-0.062	3.1E-5	2.5E-5	-1.6E-5	-1.7E-5	0.0E+0	0.0E+0
44	0.009	-0.009	0.005	-0.005	-0.062	-0.064	-1.6E-5	-2.2E-5	2.1E-5	1.8E-5	0.0E+0	0.0E+0
45	0.009	-0.009	0.005	-0.005	-0.064	-0.067	1.7E-5	1.1E-5	-1.1E-6	-3.2E-6	0.0E+0	0.0E+0
46	0.004	-0.004	0.007	-0.007	-0.058	-0.060	-1.0E-5	-1.6E-5	-4.6E-5	-4.9E-5	0.0E+0	0.0E+0
47	0.009	-0.009	0.006	-0.006	-0.062	-0.064	-1.4E-5	-2.0E-5	-2.2E-5	-2.5E-5	0.0E+0	0.0E+0
48	0.009	-0.009	0.005	-0.005	-0.062	-0.064	-1.2E-5	-1.7E-5	-2.1E-5	-2.4E-5	0.0E+0	0.0E+0
49	0.009	-0.009	0.004	-0.004	-0.065	-0.067	2.0E-5	1.3E-5	4.5E-6	2.7E-6	0.0E+0	0.0E+0
50	0.009	-0.009	0.006	-0.006	-0.065	-0.068	9.2E-6	3.0E-6	-5.0E-7	-2.5E-6	0.0E+0	0.0E+0
51	0.003	-0.003	0.001	-0.001	-0.058	-0.060	3.7E-5	3.0E-5	-4.9E-5	-5.2E-5	0.0E+0	0.0E+0
52	0.003	-0.003	0.003	-0.003	-0.057	-0.059	1.1E-5	5.2E-6	-4.3E-5	-4.6E-5	0.0E+0	0.0E+0
53	0.004	-0.004	0.003	-0.003	-0.057	-0.059	8.2E-6	2.3E-6	4.9E-5	4.7E-5	0.0E+0	0.0E+0
54	0.004	-0.004	0.001	-0.001	-0.059	-0.061	3.7E-5	3.0E-5	5.7E-5	5.4E-5	0.0E+0	0.0E+0
55	0.007	-0.007	0.006	-0.006	-0.061	-0.063	-1.6E-5	-2.2E-5	5.1E-5	4.7E-5	9.3E-7	-7.8E-7
56	0.007	-0.007	0.006	-0.006	-0.061	-0.063	-1.6E-5	-2.2E-5	-4.6E-5	-5.0E-5	9.3E-7	-1.1E-6
57	0.007	-0.007	0.006	-0.006	-0.061	-0.063	-1.6E-5	-2.2E-5	5.1E-5	4.7E-5	9.3E-7	-7.8E-7
58	0.008	-0.008	0.001	-0.001	-0.062	-0.064	4.1E-5	3.3E-5	3.2E-5	2.9E-5	1.0E-5	-1.0E-5
59	0.007	-0.007	0.006	-0.006	-0.061	-0.063	-1.6E-5	-2.2E-5	-4.6E-5	-5.0E-5	9.3E-7	-1.1E-6
60	0.008	-0.008	0.001	-0.001	-0.062	-0.064	4.1E-5	3.4E-5	-3.0E-5	-3.3E-5	1.0E-5	-1.0E-5
61	0.007	-0.007	0.001	-0.001	-0.063	-0.065	4.1E-5	3.3E-5	3.2E-5	2.9E-5	1.0E-5	-1.0E-5
62	0.007	-0.007	0.005	-0.005	-0.065	-0.067	2.1E-5	1.4E-5	3.9E-5	3.6E-5	3.1E-6	-2.9E-6
63	0.007	-0.007	0.001	-0.001	-0.063	-0.065	4.1E-5	3.4E-5	-3.0E-5	-3.3E-5	1.0E-5	-1.0E-5
64	0.007	-0.007	0.005	-0.005	-0.065	-0.067	2.3E-5	1.6E-5	-3.5E-5	-3.8E-5	2.9E-6	-3.1E-6
65	0.007	-0.007	0.005	-0.005	-0.064	-0.066	2.1E-5	1.4E-5	3.9E-5	3.6E-5	3.1E-6	-2.9E-6
66	0.007	-0.007	0.005	-0.005	-0.064	-0.067	2.3E-5	1.6E-5	-3.5E-5	-3.8E-5	2.9E-6	-3.1E-6
67	0.011	-0.010	0.023	0.007	-0.035	-0.095	5.3E-5	3.8E-5	-7.0E-5	-8.7E-5	3.6E-6	-4.7E-6
68	0.011	-0.010	0.024	0.007	-0.035	-0.095	5.3E-5	3.9E-5	8.7E-5	7.0E-5	2.6E-6	-5.7E-6
69	0.010	-0.011	0.023	0.007	-0.034	-0.094	5.3E-5	3.8E-5	-7.0E-5	-8.7E-5	3.6E-6	-4.7E-6
70	0.009	-0.010	0.023	0.014	-0.033	-0.093	-1.9E-5	-2.7E-5	-4.7E-6	-1.9E-5	6.6E-6	-5.8E-6
71	0.015	-0.015	0.023	0.008	-0.029	-0.088	4.5E-5	3.1E-5	-4.7E-5	-6.3E-5	3.6E-6	-4.7E-6
72	0.011	-0.010	0.023	0.007	-0.033	-0.092	5.3E-5	3.8E-5	-7.0E-5	-8.7E-5	3.6E-6	-4.7E-6
73	0.011	-0.011	0.023	0.007	-0.033	-0.093	5.3E-5	3.8E-5	-7.0E-5	-8.7E-5	3.6E-6	-4.7E-6
74	0.011	-0.011	0.026	0.005	-0.032	-0.092	5.1E-5	3.7E-5	-7.0E-5	-8.7E-5	3.6E-6	-4.7E-6
75	0.011	-0.010	0.023	0.007	-0.034	-0.094	5.3E-5	3.9E-5	8.7E-5	7.0E-5	2.6E-6	-5.7E-6
76	0.010	-0.010	0.023	0.014	-0.033	-0.093	-1.8E-5	-2.6E-5	2.0E-5	5.2E-6	4.4E-6	-7.9E-6

77	0.011	-0.010	0.024	0.008	-0.033	-0.092	5.3E-5	3.9E-5	8.7E-5	7.0E-5	2.6E-6	-5.7E-6
78	0.015	-0.015	0.023	0.008	-0.029	-0.088	4.5E-5	3.1E-5	6.3E-5	4.7E-5	2.6E-6	-5.7E-6
79	0.011	-0.011	0.024	0.008	-0.033	-0.093	5.3E-5	3.9E-5	8.7E-5	7.0E-5	2.6E-6	-5.7E-6
80	0.011	-0.011	0.026	0.005	-0.032	-0.091	5.2E-5	3.7E-5	8.7E-5	7.0E-5	2.6E-6	-5.7E-6
81	0.009	-0.010	0.023	0.014	-0.032	-0.092	-1.9E-5	-2.7E-5	-4.7E-6	-1.9E-5	6.6E-6	-5.8E-6
82	0.009	-0.010	0.023	0.009	-0.034	-0.094	1.3E-4	9.9E-5	-2.7E-5	-4.2E-5	1.4E-6	-6.3E-6
83	0.010	-0.009	0.023	0.014	-0.032	-0.092	-1.8E-5	-2.6E-5	2.0E-5	5.2E-6	4.4E-6	-7.9E-6
84	0.009	-0.009	0.023	0.010	-0.034	-0.094	1.3E-4	1.0E-4	4.2E-5	2.8E-5	3.4E-6	-4.0E-6
85	0.009	-0.009	0.023	0.010	-0.036	-0.096	1.3E-4	9.9E-5	-2.7E-5	-4.2E-5	1.4E-6	-6.3E-6
86	0.009	-0.009	0.024	0.010	-0.036	-0.096	1.3E-4	1.0E-4	4.2E-5	2.8E-5	3.4E-6	-4.0E-6
87	0.015	-0.015	0.023	0.009	-0.037	-0.095	2.3E-4	1.9E-4	4.5E-5	3.0E-5	1.4E-6	-6.3E-6
88	0.009	-0.009	0.023	0.010	-0.035	-0.094	1.3E-4	9.9E-5	-2.7E-5	-4.2E-5	1.4E-6	-6.3E-6
89	0.009	-0.009	0.024	0.010	-0.035	-0.094	1.3E-4	1.0E-4	4.2E-5	2.8E-5	3.4E-6	-4.0E-6
90	0.015	-0.015	0.024	0.010	-0.037	-0.095	2.4E-4	1.9E-4	-3.0E-5	-4.4E-5	3.4E-6	-4.0E-6
91	0.009	-0.012	0.022	0.007	-0.033	-0.093	5.3E-5	3.8E-5	-7.0E-5	-8.7E-5	3.6E-6	-4.7E-6
92	0.012	-0.009	0.023	0.007	-0.033	-0.093	5.3E-5	3.9E-5	8.7E-5	7.0E-5	2.6E-6	-5.7E-6
93	0.009	-0.010	0.023	0.015	-0.032	-0.092	-1.9E-5	-2.7E-5	-4.7E-6	-1.9E-5	6.6E-6	-5.8E-6
94	0.010	-0.009	0.023	0.015	-0.032	-0.092	-1.8E-5	-2.6E-5	2.0E-5	5.2E-6	4.4E-6	-7.9E-6
95	0.008	-0.010	0.021	0.008	-0.034	-0.094	1.3E-4	9.9E-5	-2.7E-5	-4.2E-5	1.4E-6	-6.3E-6
96	0.010	-0.009	0.021	0.008	-0.035	-0.095	1.3E-4	1.0E-4	4.2E-5	2.8E-5	3.4E-6	-4.0E-6
97	0.002	-0.002	0.005	-0.005	-0.060	-0.063	3.8E-5	3.1E-5	4.0E-5	3.8E-5	7.0E-6	-7.1E-6
98	0.002	-0.002	0.005	-0.005	-0.060	-0.063	3.6E-5	3.0E-5	-4.0E-5	-4.3E-5	7.1E-6	-7.0E-6

Tabella 43.III

Stato Limite d'Esercizio - Quasi Permanenti												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	-0.001	-0.001	0.000	0.000	-0.062	-0.062	-1.9E-5	-1.9E-5	4.8E-5	4.8E-5	7.4E-8	7.4E-8
2	0.001	0.001	0.000	0.000	-0.062	-0.062	-1.9E-5	-1.9E-5	-4.7E-5	-4.7E-5	-9.1E-8	-9.1E-8
3	0.000	0.000	0.001	0.001	-0.062	-0.062	3.6E-5	3.6E-5	3.0E-5	3.0E-5	2.9E-8	2.9E-8
4	0.000	0.000	0.001	0.001	-0.062	-0.062	3.6E-5	3.6E-5	-3.1E-5	-3.1E-5	-3.5E-8	-3.5E-8
5	-0.001	-0.001	0.000	0.000	-0.064	-0.064	1.6E-5	1.6E-5	3.7E-5	3.7E-5	8.4E-8	8.4E-8
6	0.001	0.001	0.000	0.000	-0.064	-0.064	1.9E-5	1.9E-5	-3.6E-5	-3.6E-5	-1.1E-7	-1.1E-7
7	0.000	0.000	0.000	0.000	-0.065	-0.065	4.5E-6	4.5E-6	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0
8	0.000	0.000	0.000	0.000	-0.065	-0.065	6.7E-6	6.7E-6	1.1E-5	1.1E-5	0.0E+0	0.0E+0
9	0.000	0.000	0.000	0.000	-0.064	-0.064	-2.1E-5	-2.1E-5	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0
10	0.000	0.000	0.000	0.000	-0.064	-0.064	-2.0E-5	-2.0E-5	6.0E-6	6.0E-6	0.0E+0	0.0E+0
11	0.000	0.000	0.000	0.000	-0.062	-0.062	-1.9E-5	-1.9E-5	4.8E-5	4.8E-5	7.4E-8	7.4E-8
12	0.000	0.000	0.000	0.000	-0.062	-0.062	-1.9E-5	-1.9E-5	-4.7E-5	-4.7E-5	-9.1E-8	-9.1E-8
13	0.000	0.000	0.000	0.000	-0.062	-0.062	3.6E-5	3.6E-5	3.0E-5	3.0E-5	2.9E-8	2.9E-8
14	0.000	0.000	0.000	0.000	-0.062	-0.062	3.6E-5	3.6E-5	-3.1E-5	-3.1E-5	-3.5E-8	-3.5E-8
15	0.000	0.000	0.000	0.000	-0.064	-0.064	1.6E-5	1.6E-5	3.7E-5	3.7E-5	8.4E-8	8.4E-8
16	0.000	0.000	0.000	0.000	-0.064	-0.064	1.9E-5	1.9E-5	-3.6E-5	-3.6E-5	-1.1E-7	-1.1E-7
17	0.000	0.000	0.000	0.000	-0.064	-0.064	-2.9E-6	-2.9E-6	2.5E-5	2.5E-5	0.0E+0	0.0E+0
18	0.000	0.000	0.000	0.000	-0.062	-0.062	2.2E-5	2.2E-5	3.4E-5	3.4E-5	0.0E+0	0.0E+0
19	0.000	0.000	0.000	0.000	-0.062	-0.062	2.2E-5	2.2E-5	-3.6E-5	-3.6E-5	0.0E+0	0.0E+0
20	0.000	0.000	0.000	0.000	-0.065	-0.065	4.8E-6	4.8E-6	-2.5E-5	-2.5E-5	0.0E+0	0.0E+0
21	0.000	0.000	0.000	0.000	-0.064	-0.064	1.2E-5	1.2E-5	1.0E-5	1.0E-5	0.0E+0	0.0E+0
22	0.000	0.000	0.000	0.000	-0.063	-0.063	6.3E-6	6.3E-6	-1.8E-5	-1.8E-5	0.0E+0	0.0E+0
23	0.000	0.000	0.000	0.000	-0.061	-0.061	-1.8E-5	-1.8E-5	-5.5E-5	-5.5E-5	0.0E+0	0.0E+0
24	0.000	0.000	0.000	0.000	-0.057	-0.057	-9.3E-6	-9.3E-6	-3.4E-5	-3.4E-5	0.0E+0	0.0E+0
25	0.000	0.000	0.000	0.000	-0.057	-0.057	-1.2E-5	-1.2E-5	3.5E-5	3.5E-5	0.0E+0	0.0E+0
26	0.000	0.000	0.000	0.000	-0.061	-0.061	-1.8E-5	-1.8E-5	5.6E-5	5.6E-5	0.0E+0	0.0E+0
27	0.000	0.000	0.000	0.000	-0.063	-0.063	2.7E-6	2.7E-6	2.0E-5	2.0E-5	0.0E+0	0.0E+0
28	0.000	0.000	0.000	0.000	-0.064	-0.064	1.8E-5	1.8E-5	-5.3E-7	-5.3E-7	0.0E+0	0.0E+0
29	0.000	0.000	0.000	0.000	-0.058	-0.058	-1.5E-5	-1.5E-5	4.9E-5	4.9E-5	6.6E-8	6.6E-8
30	0.000	0.000	0.000	0.000	-0.056	-0.056	-9.7E-6	-9.7E-6	1.4E-6	1.4E-6	-2.4E-9	-2.4E-9
31	0.000	0.000	0.000	0.000	-0.058	-0.058	-1.3E-5	-1.3E-5	-5.0E-5	-5.0E-5	-5.5E-8	-5.5E-8
32	0.000	0.000	0.000	0.000	-0.061	-0.061	-2.7E-7	-2.7E-7	3.9E-5	3.9E-5	4.7E-8	4.7E-8
33	0.000	0.000	0.000	0.000	-0.061	-0.061	8.6E-7	8.6E-7	-3.8E-5	-3.8E-5	-3.8E-8	-3.8E-8
34	0.000	0.000	0.000	0.000	-0.060	-0.060	3.3E-5	3.3E-5	3.8E-5	3.8E-5	-3.5E-8	-3.5E-8
35	0.000	0.000	0.000	0.000	-0.060	-0.060	3.2E-5	3.2E-5	-4.0E-5	-4.0E-5	4.1E-8	4.1E-8
36	0.000	0.000	0.000	0.000	-0.064	-0.064	3.7E-6	3.7E-6	-2.8E-5	-2.8E-5	0.0E+0	0.0E+0
37	0.000	0.000	0.000	0.000	-0.062	-0.062	5.4E-6	5.4E-6	2.6E-5	2.6E-5	0.0E+0	0.0E+0
38	0.000	0.000	0.000	0.000	-0.064	-0.064	2.2E-5	2.2E-5	6.1E-6	6.1E-6	0.0E+0	0.0E+0
39	0.000	0.000	0.000	0.000	-0.062	-0.062	-1.8E-5	-1.8E-5	-5.4E-5	-5.4E-5	0.0E+0	0.0E+0
40	0.000	0.000	0.000	0.000	-0.056	-0.056	3.5E-6	3.5E-6	9.3E-6	9.3E-6	0.0E+0	0.0E+0
41	0.000	0.000	0.000	0.000	-0.057	-0.057	2.9E-5	2.9E-5	2.3E-5	2.3E-5	0.0E+0	0.0E+0
42	0.000	0.000	0.000	0.000	-0.062	-0.062	2.3E-5	2.3E-5	-4.2E-5	-4.2E-5	0.0E+0	0.0E+0
43	0.000	0.000	0.000	0.000	-0.060	-0.060	2.7E-5	2.7E-5	-1.7E-5	-1.7E-5	0.0E+0	0.0E+0
44	0.000	0.000	0.000	0.000	-0.063	-0.063	-1.9E-5	-1.9E-5	1.9E-5	1.9E-5	0.0E+0	0.0E+0

45	0.000	0.000	0.000	0.000	-0.065	-0.065	1.3E-5	1.3E-5	-2.3E-6	-2.3E-6	0.0E+0	0.0E+0
46	0.000	0.000	0.000	0.000	-0.059	-0.059	-1.4E-5	-1.4E-5	-4.7E-5	-4.7E-5	0.0E+0	0.0E+0
47	0.000	0.000	0.000	0.000	-0.063	-0.063	-1.7E-5	-1.7E-5	-2.3E-5	-2.3E-5	0.0E+0	0.0E+0
48	0.000	0.000	0.000	0.000	-0.062	-0.062	-1.5E-5	-1.5E-5	-2.2E-5	-2.2E-5	0.0E+0	0.0E+0
49	0.000	0.000	0.000	0.000	-0.065	-0.065	1.6E-5	1.6E-5	3.6E-6	3.6E-6	0.0E+0	0.0E+0
50	0.000	0.000	0.000	0.000	-0.065	-0.065	5.6E-6	5.6E-6	-1.4E-6	-1.4E-6	0.0E+0	0.0E+0
51	0.000	0.000	0.000	0.000	-0.058	-0.058	3.3E-5	3.3E-5	-5.0E-5	-5.0E-5	0.0E+0	0.0E+0
52	0.000	0.000	0.000	0.000	-0.057	-0.057	7.2E-6	7.2E-6	-4.4E-5	-4.4E-5	0.0E+0	0.0E+0
53	0.000	0.000	0.000	0.000	-0.058	-0.058	4.3E-6	4.3E-6	4.7E-5	4.7E-5	0.0E+0	0.0E+0
54	0.000	0.000	0.000	0.000	-0.059	-0.059	3.2E-5	3.2E-5	5.5E-5	5.5E-5	0.0E+0	0.0E+0
55	0.000	0.000	0.000	0.000	-0.061	-0.061	-1.9E-5	-1.9E-5	4.8E-5	4.8E-5	7.4E-8	7.4E-8
56	0.000	0.000	0.000	0.000	-0.061	-0.061	-1.9E-5	-1.9E-5	-4.7E-5	-4.7E-5	-9.1E-8	-9.1E-8
57	0.000	0.000	0.000	0.000	-0.062	-0.062	-1.9E-5	-1.9E-5	4.8E-5	4.8E-5	7.4E-8	7.4E-8
58	0.000	0.000	0.000	0.000	-0.062	-0.062	3.6E-5	3.6E-5	3.0E-5	3.0E-5	2.9E-8	2.9E-8
59	0.000	0.000	0.000	0.000	-0.062	-0.062	-1.9E-5	-1.9E-5	-4.7E-5	-4.7E-5	-9.1E-8	-9.1E-8
60	0.000	0.000	0.000	0.000	-0.062	-0.062	3.6E-5	3.6E-5	-3.1E-5	-3.1E-5	-3.5E-8	-3.5E-8
61	0.000	0.000	0.000	0.000	-0.063	-0.063	3.6E-5	3.6E-5	3.0E-5	3.0E-5	2.9E-8	2.9E-8
62	0.000	0.000	0.000	0.000	-0.065	-0.065	1.6E-5	1.6E-5	3.7E-5	3.7E-5	8.4E-8	8.4E-8
63	0.000	0.000	0.000	0.000	-0.063	-0.063	3.6E-5	3.6E-5	-3.1E-5	-3.1E-5	-3.5E-8	-3.5E-8
64	0.000	0.000	0.000	0.000	-0.065	-0.065	1.9E-5	1.9E-5	-3.6E-5	-3.6E-5	-1.1E-7	-1.1E-7
65	0.000	0.000	0.000	0.000	-0.064	-0.064	1.6E-5	1.6E-5	3.7E-5	3.7E-5	8.4E-8	8.4E-8
66	0.000	0.000	0.000	0.000	-0.064	-0.064	1.9E-5	1.9E-5	-3.6E-5	-3.6E-5	-1.1E-7	-1.1E-7
67	0.000	0.000	0.015	0.015	-0.065	-0.065	4.0E-5	4.0E-5	-7.8E-5	-7.8E-5	-3.4E-7	-3.4E-7
68	0.000	0.000	0.016	0.016	-0.065	-0.065	4.1E-5	4.1E-5	7.8E-5	7.8E-5	-1.3E-6	-1.3E-6
69	0.000	0.000	0.015	0.015	-0.064	-0.064	4.0E-5	4.0E-5	-7.8E-5	-7.8E-5	-3.4E-7	-3.4E-7
70	0.000	0.000	0.015	0.015	-0.063	-0.063	-2.6E-5	-2.6E-5	-1.2E-5	-1.2E-5	4.0E-7	4.0E-7
71	0.000	0.000	0.015	0.015	-0.059	-0.059	3.3E-5	3.3E-5	-5.5E-5	-5.5E-5	-3.4E-7	-3.4E-7
72	0.000	0.000	0.015	0.015	-0.062	-0.062	4.0E-5	4.0E-5	-7.8E-5	-7.8E-5	-3.4E-7	-3.4E-7
73	0.000	0.000	0.015	0.015	-0.063	-0.063	4.0E-5	4.0E-5	-7.8E-5	-7.8E-5	-3.4E-7	-3.4E-7
74	0.000	0.000	0.015	0.015	-0.062	-0.062	3.9E-5	3.9E-5	-7.8E-5	-7.8E-5	-3.4E-7	-3.4E-7
75	0.000	0.000	0.015	0.015	-0.064	-0.064	4.1E-5	4.1E-5	7.8E-5	7.8E-5	-1.3E-6	-1.3E-6
76	0.000	0.000	0.015	0.015	-0.063	-0.063	-2.4E-5	-2.4E-5	1.3E-5	1.3E-5	-1.7E-6	-1.7E-6
77	0.000	0.000	0.016	0.016	-0.062	-0.062	4.1E-5	4.1E-5	7.8E-5	7.8E-5	-1.3E-6	-1.3E-6
78	0.000	0.000	0.016	0.016	-0.059	-0.059	3.3E-5	3.3E-5	5.5E-5	5.5E-5	-1.3E-6	-1.3E-6
79	0.000	0.000	0.016	0.016	-0.063	-0.063	4.1E-5	4.1E-5	7.8E-5	7.8E-5	-1.3E-6	-1.3E-6
80	0.000	0.000	0.016	0.016	-0.062	-0.062	3.9E-5	3.9E-5	7.8E-5	7.8E-5	-1.3E-6	-1.3E-6
81	0.000	0.000	0.015	0.015	-0.062	-0.062	-2.6E-5	-2.6E-5	-1.2E-5	-1.2E-5	4.0E-7	4.0E-7
82	0.000	0.000	0.015	0.015	-0.064	-0.064	1.0E-4	1.0E-4	-3.4E-5	-3.4E-5	-1.8E-6	-1.8E-6
83	0.000	0.000	0.015	0.015	-0.062	-0.062	-2.4E-5	-2.4E-5	1.3E-5	1.3E-5	-1.7E-6	-1.7E-6
84	0.000	0.000	0.015	0.015	-0.064	-0.064	1.0E-4	1.0E-4	3.5E-5	3.5E-5	1.7E-7	1.7E-7
85	0.000	0.000	0.016	0.016	-0.066	-0.066	1.0E-4	1.0E-4	-3.4E-5	-3.4E-5	-1.8E-6	-1.8E-6
86	0.000	0.000	0.016	0.016	-0.066	-0.066	1.0E-4	1.0E-4	3.5E-5	3.5E-5	1.7E-7	1.7E-7
87	0.000	0.000	0.015	0.015	-0.066	-0.066	2.0E-4	2.0E-4	3.8E-5	3.8E-5	-1.8E-6	-1.8E-6
88	0.000	0.000	0.016	0.016	-0.064	-0.064	1.0E-4	1.0E-4	-3.4E-5	-3.4E-5	-1.8E-6	-1.8E-6
89	0.000	0.000	0.016	0.016	-0.065	-0.065	1.0E-4	1.0E-4	3.5E-5	3.5E-5	1.7E-7	1.7E-7
90	0.000	0.000	0.016	0.016	-0.066	-0.066	2.0E-4	2.0E-4	-3.7E-5	-3.7E-5	1.7E-7	1.7E-7
91	-0.001	-0.001	0.015	0.015	-0.063	-0.063	4.0E-5	4.0E-5	-7.8E-5	-7.8E-5	-3.4E-7	-3.4E-7
92	0.002	0.002	0.015	0.015	-0.063	-0.063	4.1E-5	4.1E-5	7.8E-5	7.8E-5	-1.3E-6	-1.3E-6
93	0.000	0.000	0.016	0.016	-0.062	-0.062	-2.6E-5	-2.6E-5	-1.2E-5	-1.2E-5	4.0E-7	4.0E-7
94	0.000	0.000	0.016	0.016	-0.062	-0.062	-2.4E-5	-2.4E-5	1.3E-5	1.3E-5	-1.7E-6	-1.7E-6
95	-0.001	-0.001	0.014	0.014	-0.064	-0.064	1.0E-4	1.0E-4	-3.4E-5	-3.4E-5	-1.8E-6	-1.8E-6
96	0.001	0.001	0.014	0.014	-0.065	-0.065	1.0E-4	1.0E-4	3.5E-5	3.5E-5	1.7E-7	1.7E-7
97	0.000	0.000	0.000	0.000	-0.060	-0.060	3.3E-5	3.3E-5	3.8E-5	3.8E-5	-3.5E-8	-3.5E-8
98	0.000	0.000	0.000	0.000	-0.061	-0.061	3.2E-5	3.2E-5	-4.0E-5	-4.0E-5	4.1E-8	4.1E-8

#### 4.2.2 Involuppi dei diagrammi delle sollecitazioni: Sforzo Normale.

I dati seguenti riportano i valori dello Sforzo Normale relativamente alle aste che definiscono la struttura ed in modo particolare:

Asta	: numerazione interna dell'asta.
X	: distanza dal nodo iniziale misurata lungo l'asse dell'asta.
Sforzo Normale (N)	: valore dello Sforzo Normale nel punto considerato:
Max	: valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.
Min	: valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.
Comb	: combinazione di appartenenza del valore considerato nell'involuppo.



Tabella 44.I

Sforzo Normale (N) [daN]											
				SLU		SLE					
						Caratteristiche		Frequenti		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min
1	fondazio ne	1-2	0	3064	-3028	3126	-3087	1563	-1537	13	13
			31	3018	-2982	3094	-3056	1547	-1522	13	13
			63	2985	-2948	3071	-3033	1536	-1510	13	13
2	fondazio ne	1-2	0	158	-137	208	-179	105	-84	10	10
			39	101	-80	190	-162	96	-76	10	10
			78	101	-80	183	-156	94	-73	10	10
3	fondazio ne	1-2	0	88	-69	134	-109	69	-49	10	10
			39	88	-68	139	-114	72	-52	10	10
			78	149	-130	156	-131	80	-61	10	10
4	fondazio ne	1-2	0	3040	-3003	3120	-3089	1564	-1538	13	13
			31	3074	-3037	3143	-3112	1575	-1549	13	13
			63	3120	-3083	3175	-3143	1591	-1565	13	13
5	fondazio ne	1-3	0	3897	-3930	3924	-3941	1950	-1974	-12	-12
			30	3860	-3894	3899	-3916	1938	-1962	-12	-12
			60	3836	-3870	3881	-3899	1930	-1954	-12	-12
6	fondazio ne	1-3	0	4003	-4017	4050	-4053	2018	-2028	-5	-5
			30	3991	-4005	4043	-4045	2014	-2024	-5	-5
			60	3991	-4005	4045	-4045	2014	-2024	-5	-5
7	fondazio ne	2-4	0	3988	-4021	4016	-4035	1996	-2020	-12	-12
			30	3952	-3985	3990	-4012	1984	-2008	-12	-12
			60	3927	-3961	3973	-3997	1976	-2000	-12	-12
8	fondazio ne	2-4	0	3989	-4007	4035	-4042	2010	-2023	-7	-7
			30	3977	-3995	4029	-4034	2006	-2019	-7	-7
			60	3977	-3995	4030	-4034	2006	-2019	-7	-7
9	fondazio ne	3-5	0	3371	-3447	3422	-3493	1696	-1752	-28	-28
			32	3383	-3460	3431	-3501	1701	-1756	-28	-28
			63	3409	-3486	3448	-3518	1709	-1765	-28	-28
10	fondazio ne	4-6	0	3358	-3430	3412	-3469	1691	-1743	-26	-26
			32	3371	-3443	3421	-3477	1695	-1747	-26	-26
			63	3397	-3469	3438	-3495	1704	-1756	-26	-26
11	fondazio ne	5-6	0	1798	-1827	1863	-1881	923	-945	-11	-11
			40	1747	-1776	1829	-1847	906	-928	-11	-11
			81	1716	-1744	1807	-1826	896	-917	-11	-11
12	fondazio ne	5-6	0	602	-624	695	-713	342	-359	-8	-8
			46	590	-612	686	-705	338	-355	-8	-8
			91	602	-624	693	-713	342	-359	-8	-8
13	fondazio ne	5-6	0	1691	-1723	1777	-1811	883	-907	-12	-12
			40	1722	-1754	1798	-1833	893	-917	-12	-12
			81	1773	-1805	1832	-1868	910	-934	-12	-12
14	piano l	1-2	0	127	-194	-11	-77	-23	-45	-34	-34
			140	127	-194	-11	-77	-23	-45	-34	-34
			280	127	-194	-11	-77	-23	-45	-34	-34
15	piano l	1-3	0	4904	-4815	238	-108	86	18	45	45
			60	4904	-4815	238	-108	86	18	45	45
			120	4904	-4815	238	-108	86	18	45	45
16	piano l	7-1	0	12648	-12648	26	-77	5	-15	0	0
			30	12648	-12648	26	-77	5	-15	0	0
			60	12648	-12648	26	-77	5	-15	0	0
17	piano l	1-13	0	17880	-17880	656	-340	131	-68	0	0
			15	17880	-17880	656	-340	131	-68	0	0
			30	17880	-17880	656	-340	131	-68	0	0
18	piano l	2-4	0	4910	-4816	241	-105	89	21	47	47
			60	4910	-4816	241	-105	89	21	47	47
			120	4910	-4816	241	-105	89	21	47	47
19	piano l	2-8	0	12641	-12641	169	-37	34	-7	0	0

			30	12641	-12641	169	-37	34	-7	0	0
			60	12641	-12641	169	-37	34	-7	0	0
20	piano I	2-14	0	17837	-17837	656	-340	131	-68	0	0
			15	17837	-17837	656	-340	131	-68	0	0
			30	17837	-17837	656	-340	131	-68	0	0
21	piano I	3-5	0	2607	-2401	287	-68	147	78	103	103
			32	2607	-2401	287	-70	147	78	103	103
			63	2607	-2401	287	-73	147	77	103	103
22	piano I	4-6	0	2616	-2406	290	-66	149	80	105	105
			32	2616	-2406	290	-68	149	80	105	105
			63	2616	-2406	290	-71	149	79	105	105
23	piano I	5-6	0	2908	-2827	106	-11	58	35	40	40
			123	2908	-2827	106	-11	58	35	40	40
			247	2908	-2827	106	-11	58	35	40	40
24	piano I	9-5	0	23729	-23729	93	-194	19	-39	0	0
			36	23729	-23729	93	-194	19	-39	0	0
			72	23729	-23729	93	-194	19	-39	0	0
25	piano I	6-10	0	23700	-23700	285	-98	57	-20	0	0
			36	23700	-23700	285	-98	57	-20	0	0
			72	23700	-23700	285	-98	57	-20	0	0
26	piano I	1-1	0	-901	-4015	-2126	-2848	-2129	-2348	-2132	-2132
			200	-1351	-4600	-2576	-3298	-2579	-2798	-2582	-2582
			400	-1801	-5185	-3026	-3748	-3029	-3248	-3032	-3032
27	piano I	2-2	0	-891	-4008	-2122	-2843	-2125	-2344	-2128	-2128
			200	-1341	-4593	-2572	-3293	-2575	-2794	-2578	-2578
			400	-1791	-5178	-3022	-3743	-3025	-3244	-3028	-3028
28	piano I	3-3	0	1389	-4444	-1522	-2019	-1525	-1665	-1527	-1527
			200	939	-4894	-1972	-2469	-1975	-2115	-1977	-1977
			400	489	-5344	-2422	-2919	-2425	-2565	-2427	-2427
29	piano I	4-4	0	1346	-4449	-1546	-2049	-1549	-1691	-1552	-1552
			200	896	-4899	-1996	-2499	-1999	-2141	-2002	-2002
			400	446	-5349	-2446	-2949	-2449	-2591	-2452	-2452
30	piano I	5-5	0	484	-7156	-3336	-4859	-3336	-3789	-3336	-3336
			200	-191	-7831	-4011	-5534	-4011	-4464	-4011	-4011
			400	-866	-8600	-4686	-6209	-4686	-5139	-4686	-4686
31	piano I	6-6	0	486	-7113	-3313	-4831	-3314	-3765	-3314	-3314
			200	-189	-7788	-3988	-5506	-3989	-4440	-3989	-3989
			400	-864	-8560	-4663	-6181	-4664	-5115	-4664	-4664

#### 4.2.3 Involuppi dei diagrammi delle sollecitazioni: Momento Torcente.

I dati seguenti riportano i valori del Momento Torcente relativamente alle aste che definiscono la struttura ed in modo particolare:

Asta : numerazione interna dell'asta.  
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.  
Momento Torcente ( $M_T$ ) : valore del Momento Torcente nel punto considerato:  
Max : valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tabella 45.I

Momento Torcente (Mt) [daNm]											
				SLU		SLE					
Asta	Imp.	Fili	X [cm]	Max	Min	Caratteristiche		Frequenti		Quasi Permanenti	
						Max	Min	Max	Min	Max	Min
1	fondazio ne	1-2	0	165	-153	19	3	9	5	6	6
			31	165	-153	19	3	9	5	6	6
			63	165	-153	19	3	9	5	6	6
2	fondazio ne	1-2	0	61	-43	14	9	10	9	9	9
			39	61	-43	14	9	10	9	9	9
			78	61	-43	14	9	10	9	9	9
3	fondazio ne	1-2	0	43	-54	-5	-9	-5	-6	-5	-5
			39	43	-54	-5	-9	-5	-6	-5	-5
			78	43	-54	-5	-9	-5	-6	-5	-5

4	fondazio ne	1-2	0	140	-161	-9	-24	-10	-14	-11	-11
			31	140	-161	-9	-24	-10	-14	-11	-11
			63	140	-161	-9	-24	-10	-14	-11	-11
5	fondazio ne	1-3	0	93	-132	-19	-29	-19	-22	-20	-20
			30	93	-132	-19	-29	-19	-22	-20	-20
			60	93	-132	-19	-29	-19	-22	-20	-20
6	fondazio ne	1-3	0	108	-144	-16	-24	-18	-20	-18	-18
			30	108	-144	-16	-24	-18	-20	-18	-18
			60	108	-144	-16	-24	-18	-20	-18	-18
7	fondazio ne	2-4	0	124	-87	27	18	21	18	19	19
			30	124	-87	27	18	21	18	19	19
			60	124	-87	27	18	21	18	19	19
8	fondazio ne	2-4	0	132	-101	21	15	17	15	15	15
			30	132	-101	21	15	17	15	15	15
			60	132	-101	21	15	17	15	15	15
9	fondazio ne	3-5	0	138	-113	23	12	15	12	13	13
			32	138	-113	23	12	15	12	13	13
			63	138	-113	23	12	15	12	13	13
10	fondazio ne	4-6	0	127	-145	-8	-18	-8	-11	-9	-9
			32	127	-145	-8	-18	-8	-11	-9	-9
			63	127	-145	-8	-18	-8	-11	-9	-9
11	fondazio ne	5-6	0	230	-173	36	20	30	27	29	29
			40	230	-173	36	20	30	27	29	29
			81	230	-173	36	20	30	27	29	29
12	fondazio ne	5-6	0	27	-30	0	-2	-1	-2	-2	-2
			46	27	-30	0	-2	-1	-2	-2	-2
			91	27	-30	0	-2	-1	-2	-2	-2
13	fondazio ne	5-6	0	183	-230	-14	-30	-22	-25	-23	-23
			40	183	-230	-14	-30	-22	-25	-23	-23
			81	183	-230	-14	-30	-22	-25	-23	-23
14	piano l	1-2	0	-47	-131	-67	-92	-67	-74	-67	-67
			140	19	-19	1	0	0	0	0	0
			280	131	48	92	67	75	67	67	67
15	piano l	1-3	0	657	-293	253	181	204	182	182	182
			60	561	-389	117	85	95	85	86	86
			120	465	-485	-5	-27	-10	-16	-10	-10
16	piano l	7-1	0	0	0	0	0	0	0	0	0
			30	28	14	20	14	16	14	14	14
			60	56	29	39	29	32	29	29	29
17	piano l	1-13	0	0	0	0	0	0	0	0	0
			15	0	0	0	0	0	0	0	0
			30	0	0	0	0	0	0	0	0
18	piano l	2-4	0	293	-656	-180	-252	-181	-203	-181	-181
			60	390	-560	-84	-115	-85	-94	-85	-85
			120	486	-464	28	7	18	11	11	11
19	piano l	2-8	0	-29	-56	-29	-39	-29	-32	-29	-29
			30	-14	-28	-14	-20	-14	-16	-14	-14
			60	0	0	0	0	0	0	0	0
20	piano l	2-14	0	0	0	0	0	0	0	0	0
			15	0	0	0	0	0	0	0	0
			30	0	0	0	0	0	0	0	0
21	piano l	3-5	0	400	-409	-4	-17	-4	-7	-4	-4
			32	349	-459	-55	-87	-55	-65	-55	-55
			63	298	-510	-106	-159	-106	-123	-106	-106
22	piano l	4-6	0	410	-401	17	4	7	4	4	4
			32	461	-351	87	55	65	55	55	55
			63	511	-300	158	106	123	106	106	106
23	piano l	5-6	0	1070	385	757	510	584	510	510	510
			123	125	-124	3	-2	1	0	0	0
			247	-384	-1069	-509	-756	-509	-583	-509	-509
24	piano l	9-5	0	0	0	0	0	0	0	0	0
			36	-148	-311	-148	-220	-148	-170	-148	-148
			72	-297	-623	-297	-440	-297	-340	-297	-297

25	piano l	6-10	0	623	297	440	297	340	297	297	297
			36	311	148	220	148	170	148	148	148
			72	0	0	0	0	0	0	0	0
26	piano l	1-1	0	71	-71	2	-8	1	-2	0	0
			200	71	-71	2	-8	1	-2	0	0
			400	71	-71	2	-8	1	-2	0	0
27	piano l	2-2	0	70	-71	2	-8	0	-2	0	0
			200	70	-71	2	-8	0	-2	0	0
			400	70	-71	2	-8	0	-2	0	0
28	piano l	3-3	0	71	-71	3	-8	1	-1	0	0
			200	71	-71	3	-8	1	-1	0	0
			400	71	-71	3	-8	1	-1	0	0
29	piano l	4-4	0	70	-71	2	-9	1	-2	-1	-1
			200	70	-71	2	-9	1	-2	-1	-1
			400	70	-71	2	-9	1	-2	-1	-1
30	piano l	5-5	0	145	-148	7	-21	2	-5	-2	-2
			200	145	-148	7	-21	2	-5	-2	-2
			400	145	-148	7	-21	2	-5	-2	-2
31	piano l	6-6	0	147	-146	9	-18	4	-4	0	0
			200	147	-146	9	-18	4	-4	0	0
			400	147	-146	9	-18	4	-4	0	0

#### 4.2.4 Involuppi dei diagrammi delle sollecitazioni: Momento Flettente X-Z.

I dati seguenti riportano i valori del Momento Flettente X-Z relativamente alle aste che definiscono la struttura ed in modo particolare:

Asta : numerazione interna dell'asta.  
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.  
Momento Flettente ( $M_{xz}$ ) : valore del Momento Flettente X-Z nel punto considerato:  
Max : valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tabella 46.I

Momento Flettente ( $M_{xz}$ ) [daNm]											
				SLU		SLE					
						Caratteristiche		Frequenti		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min
1	fondazio ne	1-2	0	884	-756	80	36	68	60	64	64
			31	457	-430	18	-12	16	8	14	14
			63	-2	-162	-82	-102	-82	-88	-82	-82
2	fondazio ne	1-2	0	57	-301	-120	-153	-121	-130	-122	-122
			39	71	-289	-108	-150	-108	-121	-109	-109
			78	-34	-312	-171	-213	-172	-184	-173	-173
3	fondazio ne	1-2	0	-31	-320	-174	-217	-175	-187	-176	-176
			39	80	-314	-116	-161	-116	-129	-117	-117
			78	78	-350	-134	-169	-135	-145	-136	-136
4	fondazio ne	1-2	0	-3	-197	-99	-123	-99	-107	-100	-100
			31	444	-408	22	4	20	15	18	18
			63	868	-689	119	82	97	86	90	90
5	fondazio ne	1-3	0	561	-595	15	-55	-9	-22	-17	-17
			30	239	-352	-52	-86	-55	-63	-56	-56
			60	-66	-221	-133	-157	-133	-140	-134	-134
6	fondazio ne	1-3	0	-20	-219	-119	-139	-119	-125	-120	-120
			30	204	-427	-110	-152	-111	-124	-111	-111
			60	589	-873	-140	-197	-141	-160	-142	-142
7	fondazio ne	2-4	0	506	-514	31	-36	4	-7	-4	-4
			30	206	-327	-57	-89	-59	-67	-60	-60
			60	-88	-257	-155	-183	-155	-163	-155	-155
8	fondazio ne	2-4	0	-10	-234	-121	-143	-121	-127	-122	-122

			30	190	-409	-108	-150	-109	-121	-109	-109
			60	571	-844	-134	-190	-135	-153	-136	-136
9	fondazio ne	3-5	0	390	-373	27	0	12	5	8	8
			32	416	-286	91	56	72	63	65	65
			63	402	-236	135	80	98	81	83	83
10	fondazio ne	4-6	0	454	-492	-2	-36	-16	-22	-19	-19
			32	422	-302	84	50	66	58	60	60
			63	361	-162	154	97	115	99	100	100
11	fondazio ne	5-6	0	841	-701	117	63	83	67	70	70
			40	461	-429	20	-6	18	11	16	16
			81	188	-413	-110	-150	-111	-123	-113	-113
12	fondazio ne	5-6	0	-88	-347	-199	-250	-200	-215	-201	-201
			46	-1	-299	-149	-216	-150	-169	-150	-150
			91	-78	-347	-198	-249	-199	-214	-200	-200
13	fondazio ne	5-6	0	212	-424	-103	-143	-104	-116	-106	-106
			40	491	-442	29	11	27	22	25	25
			81	887	-724	132	74	96	78	81	81
14	piano l	1-2	0	212	-914	-343	-483	-347	-389	-351	-351
			140	490	251	352	249	285	253	257	257
			280	210	-915	-344	-484	-348	-390	-352	-352
15	piano l	1-3	0	760	-545	173	95	125	101	108	108
			60	436	89	314	213	247	217	222	222
			120	390	-976	-287	-417	-290	-329	-293	-293
16	piano l	7-1	0	0	0	0	0	0	0	0	0
			30	-19	-53	-28	-38	-28	-31	-28	-28
			60	-95	-213	-112	-151	-112	-124	-112	-112
17	piano l	1-13	0	-14	-27	-16	-20	-16	-17	-16	-16
			15	-3	-7	-4	-5	-4	-4	-4	-4
			30	0	0	0	0	0	0	0	0
18	piano l	2-4	0	764	-547	174	96	126	102	109	109
			60	433	86	311	211	244	215	220	220
			120	388	-985	-292	-423	-295	-335	-298	-298
19	piano l	2-8	0	-95	-213	-112	-151	-112	-124	-112	-112
			30	-19	-53	-28	-38	-28	-31	-28	-28
			60	0	0	0	0	0	0	0	0
20	piano l	2-14	0	-14	-27	-16	-20	-16	-17	-16	-16
			15	-3	-7	-4	-5	-4	-4	-4	-4
			30	0	0	0	0	0	0	0	0
21	piano l	3-5	0	201	-871	-327	-465	-331	-373	-335	-335
			32	689	-1486	-390	-588	-394	-458	-398	-398
			63	1549	-2822	-628	-947	-632	-737	-637	-637
22	piano l	4-6	0	197	-876	-331	-472	-335	-377	-340	-340
			32	690	-1484	-388	-586	-393	-456	-397	-397
			63	1548	-2806	-620	-937	-625	-728	-629	-629
23	piano l	5-6	0	584	-1681	-540	-823	-544	-628	-548	-548
			123	656	226	470	305	360	310	314	314
			247	587	-1675	-536	-809	-540	-624	-544	-544
24	piano l	9-5	0	0	0	0	0	0	0	0	0
			36	-38	-152	-73	-108	-73	-84	-73	-73
			72	-222	-607	-292	-430	-292	-335	-292	-292
25	piano l	6-10	0	-222	-607	-292	-430	-292	-335	-292	-292
			36	-38	-152	-73	-108	-73	-84	-73	-73
			72	0	0	0	0	0	0	0	0
26	piano l	1-1	0	1537	-1651	-39	-143	-51	-78	-57	-57
			200	92	17	65	33	41	33	34	34
			400	1745	-1496	227	49	151	117	124	124
27	piano l	2-2	0	1535	-1653	-41	-145	-53	-80	-59	-59
			200	92	16	65	29	41	33	34	34
			400	1749	-1496	232	51	154	119	127	127
28	piano l	3-3	0	1511	-1802	-133	-242	-144	-175	-145	-145
			200	-1	-58	-28	-41	-28	-32	-28	-28
			400	1740	-1564	197	63	118	88	88	88
29	piano l	4-4	0	1510	-1797	-132	-240	-142	-174	-144	-144
			200	-1	-74	-27	-52	-28	-34	-28	-28
			400	1738	-1563	200	62	119	87	88	88
30	piano l	5-5	0	2456	-1891	435	273	336	278	283	283
			200	729	-567	139	68	98	75	81	81
			400	3347	-3588	31	-256	-101	-150	-120	-120

<b>31</b>	piano l	6-6	0	2454	-1877	442	279	342	284	289	289
			200	723	-564	137	67	95	73	80	80
			400	3322	-3581	21	-265	-111	-159	-129	-129

#### 4.2.5 Involuppi dei diagrammi delle sollecitazioni: Taglio X-Z.

I dati seguenti riportano i valori del Taglio X-Z relativamente alle aste che definiscono la struttura ed in modo particolare:

- Asta : numerazione interna dell'asta.  
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.  
Taglio ( $T_{xz}$ ) : valore del Taglio X-Z nel punto considerato:  
Max : valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tabella 47.I

Taglio ( $T_{xz}$ ) [daN]											
				SLU		SLE					
						Caratteristiche		Frequenti		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min
<b>1</b>	fondazio ne	1-2	0	1135	-1313	-88	-171	-88	-113	-89	-89
			31	973	-1439	-221	-277	-232	-246	-233	-233
			63	812	-1582	-349	-401	-379	-389	-385	-385
<b>2</b>	fondazio ne	1-2	0	499	-236	135	73	133	115	132	132
			39	115	-245	-61	-82	-63	-69	-65	-65
			78	-50	-484	-240	-271	-260	-269	-267	-267
<b>3</b>	fondazio ne	1-2	0	513	-8	257	221	255	244	252	252
			39	274	-174	65	46	53	48	50	50
			78	220	-514	-93	-151	-132	-149	-147	-147
<b>4</b>	fondazio ne	1-2	0	1554	-646	495	452	465	453	454	454
			31	1435	-831	372	300	322	301	302	302
			63	1309	-994	261	156	187	157	158	158
<b>5</b>	fondazio ne	1-3	0	856	-987	-66	-173	-66	-99	-66	-66
			30	860	-1248	-162	-270	-194	-217	-194	-194
			60	842	-1490	-261	-377	-314	-338	-324	-324
<b>6</b>	fondazio ne	1-3	0	1376	-1189	97	-14	95	59	93	93
			30	1345	-1420	-17	-112	-36	-61	-38	-38
			60	1273	-1608	-114	-212	-159	-178	-167	-167
<b>7</b>	fondazio ne	2-4	0	682	-929	-122	-244	-123	-160	-123	-123
			30	682	-1185	-236	-338	-251	-278	-251	-251
			60	653	-1418	-335	-442	-377	-398	-382	-382
<b>8</b>	fondazio ne	2-4	0	1373	-1159	111	2	109	74	107	107
			30	1340	-1389	-1	-98	-22	-46	-24	-24
			60	1269	-1576	-98	-198	-145	-164	-154	-154
<b>9</b>	fondazio ne	3-5	0	512	-31	253	210	246	236	241	241
			32	496	-261	181	107	135	112	117	117
			63	524	-529	120	-13	31	-8	-3	-3
<b>10</b>	fondazio ne	4-6	0	705	-86	336	296	315	304	310	310
			32	702	-329	264	175	208	181	186	186
			63	737	-604	202	55	106	61	67	67
<b>11</b>	fondazio ne	5-6	0	1000	-1092	-41	-223	-44	-97	-46	-46
			40	650	-1100	-220	-323	-222	-253	-225	-225
			81	426	-1253	-403	-442	-411	-420	-414	-414
<b>12</b>	fondazio ne	5-6	0	531	-85	223	141	223	199	223	223
			46	113	-110	5	0	2	1	1	1
			91	57	-497	-140	-221	-197	-221	-220	-220
<b>13</b>	fondazio	5-6	0	1298	-462	449	412	426	416	418	418

	ne										
			40	1146	-685	332	226	260	228	230	230
			81	1130	-1024	233	48	105	51	53	53
14	piano l	1-2	0	1661	469	1176	870	963	870	870	870
			140	400	-401	5	-5	1	-1	0	0
			280	-470	-1661	-870	-1176	-870	-964	-870	-870
15	piano l	1-3	0	1827	-396	975	710	792	713	715	715
			60	777	-1445	-328	-485	-331	-379	-334	-334
			120	-272	-2695	-1378	-1902	-1381	-1532	-1383	-1383
16	piano l	7-1	0	28	-28	0	0	0	0	0	0
			30	-158	-355	-186	-251	-186	-206	-186	-186
			60	-344	-710	-373	-503	-373	-413	-373	-373
17	piano l	1-13	0	183	99	130	106	113	106	106	106
			15	91	46	65	53	57	53	53	53
			30	7	-7	0	0	0	0	0	0
18	piano l	2-4	0	1827	-406	969	705	786	708	710	710
			60	778	-1456	-333	-492	-336	-384	-339	-339
			120	-271	-2705	-1383	-1909	-1386	-1538	-1388	-1388
19	piano l	2-8	0	710	344	503	373	413	373	373	373
			30	355	158	251	186	206	186	186	186
			60	29	-29	0	0	0	0	0	0
20	piano l	2-14	0	183	99	130	106	113	106	106	106
			15	91	46	65	53	57	53	53	53
			30	7	-7	0	0	0	0	0	0
21	piano l	3-5	0	3899	-3746	169	-27	77	33	77	77
			32	3347	-4298	-475	-763	-475	-574	-475	-475
			63	2795	-4850	-1027	-1506	-1027	-1181	-1028	-1028
22	piano l	4-6	0	3901	-3709	191	-4	96	53	96	96
			32	3349	-4261	-456	-739	-456	-554	-456	-456
			63	2797	-4813	-1008	-1481	-1008	-1161	-1008	-1008
23	piano l	5-6	0	2916	499	2065	1395	1600	1395	1395	1395
			123	898	-895	18	2	5	2	2	2
			247	-496	-2896	-1392	-2052	-1392	-1597	-1392	-1392
24	piano l	9-5	0	97	-97	0	0	0	0	0	0
			36	-309	-844	-406	-598	-406	-466	-406	-406
			72	-715	-1689	-812	-1196	-812	-931	-812	-812
25	piano l	6-10	0	1689	715	1196	812	931	812	812	812
			36	844	309	598	406	466	406	406	406
			72	97	-97	0	0	0	0	0	0
26	piano l	1-1	0	849	-758	92	39	57	42	45	45
			200	849	-758	92	23	57	42	45	45
			400	849	-758	92	-40	57	33	45	45
27	piano l	2-2	0	850	-758	94	40	59	43	46	46
			200	850	-758	94	24	59	43	46	46
			400	850	-758	119	-38	64	34	46	46
28	piano l	3-3	0	886	-769	94	49	70	58	58	58
			200	886	-769	109	49	73	58	58	58
			400	886	-769	130	49	77	58	58	58
29	piano l	4-4	0	884	-768	94	48	69	57	58	58
			200	884	-768	109	48	73	57	58	58
			400	884	-768	155	48	82	57	58	58
30	piano l	5-5	0	1309	-1511	-89	-168	-95	-122	-101	-101
			200	1309	-1511	-68	-168	-95	-122	-101	-101
			400	1309	-1511	2	-168	-90	-122	-101	-101
31	piano l	6-6	0	1300	-1509	-93	-172	-99	-125	-104	-104
			200	1300	-1509	-72	-172	-99	-125	-104	-104
			400	1300	-1509	-3	-172	-94	-125	-104	-104

#### 4.2.6 Involuppi dei diagrammi delle sollecitazioni: Momento Flettente X-Y.

I dati seguenti riportano i valori del Momento Flettente X-Y relativamente alle aste che definiscono la struttura ed in modo particolare:

Asta : numerazione interna dell'asta.  
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.  
Momento Flettente ( $M_{XY}$ ) : valore del Momento Flettente X-Y nel punto considerato:  
Max : valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tabella 48.I

Momento Flettente (Mxy) [daNm]											
				SLU		SLE					
						Caratteristiche		Frequenti		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min
1	fondazio ne	1-2	0	36	-35	37	-35	18	-18	0	0
			31	11	-11	11	-11	5	-5	0	0
			63	24	-25	23	-24	11	-12	0	0
2	fondazio ne	1-2	0	24	-25	23	-23	11	-11	0	0
			39	11	-12	8	-9	4	-4	0	0
			78	13	-14	10	-9	4	-5	0	0
3	fondazio ne	1-2	0	14	-14	10	-9	4	-5	0	0
			39	11	-12	8	-8	4	-4	0	0
			78	23	-23	22	-22	11	-11	0	0
4	fondazio ne	1-2	0	23	-24	22	-22	11	-11	0	0
			31	10	-10	9	-10	4	-5	0	0
			63	35	-36	31	-32	15	-15	0	0
5	fondazio ne	1-3	0	44	-44	47	-47	23	-23	0	0
			30	41	-41	41	-40	20	-20	0	0
			60	22	-22	24	-24	12	-12	0	0
6	fondazio ne	1-3	0	23	-23	24	-25	12	-12	0	0
			30	85	-85	87	-87	43	-43	0	0
			60	209	-209	208	-209	104	-104	0	0
7	fondazio ne	2-4	0	44	-44	44	-42	21	-21	0	0
			30	41	-41	41	-40	20	-20	0	0
			60	27	-27	29	-29	14	-14	0	0
8	fondazio ne	2-4	0	28	-28	30	-30	15	-15	0	0
			30	84	-84	85	-86	43	-43	0	0
			60	212	-212	211	-211	105	-105	0	0
9	fondazio ne	3-5	0	181	-181	182	-180	90	-90	0	0
			32	70	-69	69	-69	35	-34	0	0
			63	305	-303	308	-309	154	-153	1	1
10	fondazio ne	4-6	0	185	-184	186	-183	92	-91	1	1
			32	68	-69	68	-69	34	-34	0	0
			63	305	-308	308	-314	154	-155	-1	-1
11	fondazio ne	5-6	0	54	-58	54	-55	25	-28	-1	-1
			40	18	-19	18	-18	9	-9	0	0
			81	76	-74	78	-78	39	-38	1	1
12	fondazio ne	5-6	0	57	-57	55	-56	28	-27	0	0
			46	45	-45	47	-47	23	-23	0	0
			91	56	-56	54	-54	27	-27	0	0
13	fondazio ne	5-6	0	76	-73	78	-76	39	-37	1	1
			40	18	-19	18	-19	9	-9	0	0
			81	53	-57	51	-56	24	-28	-2	-2
14	piano I	1-2	0	24	-18	25	-18	5	-10	-2	-2
			140	13	-17	14	-22	6	-9	-1	-1
			280	26	-15	27	-15	7	-8	0	0
15	piano I	1-3	0	289	-282	20	-14	11	-4	3	3
			60	8	-4	8	-5	4	-2	1	1
			120	285	-286	3	-5	1	-2	-1	-1
16	piano I	7-1	0	596	-596	23	-44	5	-9	0	0
			30	0	0	0	0	0	0	0	0
			60	596	-596	44	-23	9	-5	0	0
17	piano I	1-13	0	3373	-3373	14	-41	3	-8	0	0
			15	0	0	0	0	0	0	0	0
			30	3373	-3373	41	-14	8	-3	0	0
18	piano I	2-4	0	284	-288	13	-22	6	-10	-2	-2
			60	5	-7	5	-7	2	-4	-1	-1
			120	286	-285	10	-3	2	-1	0	0



19	piano l	2-8	0	595	-595	44	-23	9	-5	0	0
			30	0	0	0	0	0	0	0	0
			60	595	-595	23	-44	5	-9	0	0
20	piano l	2-14	0	3371	-3371	20	-90	4	-18	0	0
			15	0	0	0	0	0	0	0	0
			30	3371	-3371	90	-20	18	-4	0	0
21	piano l	3-5	0	794	-800	10	-15	3	-8	-3	-3
			32	5	-25	8	-24	0	-15	-7	-7
			63	785	-809	7	-38	-3	-22	-12	-12
22	piano l	4-6	0	798	-795	27	-9	7	-4	2	2
			32	24	-6	23	-9	14	-1	6	6
			63	808	-786	34	-16	21	1	11	11
23	piano l	5-6	0	58	-55	17	-19	8	-5	2	2
			123	18	-10	21	-11	10	-4	3	3
			247	61	-52	20	-16	11	-3	4	4
24	piano l	9-5	0	1331	-1331	57	-62	11	-12	0	0
			36	0	0	0	0	0	0	0	0
			72	1331	-1331	62	-57	12	-11	0	0
25	piano l	6-10	0	1330	-1330	62	-57	12	-11	0	0
			36	0	0	0	0	0	0	0	0
			72	1330	-1330	57	-62	11	-12	0	0
26	piano l	1-1	0	1812	-1561	185	118	139	122	126	126
			200	171	-41	98	59	73	62	65	65
			400	1902	-1894	33	-65	13	-6	4	4
27	piano l	2-2	0	1558	-1813	-120	-185	-124	-141	-127	-127
			200	42	-171	-59	-92	-62	-72	-64	-64
			400	1897	-1900	27	-53	8	-11	-1	-1
28	piano l	3-3	0	922	-929	11	-14	-3	-7	-4	-4
			200	312	-270	49	16	26	18	21	21
			400	1518	-1427	70	-14	52	38	46	46
29	piano l	4-4	0	932	-923	20	-11	10	3	4	4
			200	270	-313	-17	-39	-19	-25	-22	-22
			400	1430	-1525	-39	-94	-43	-59	-48	-48
30	piano l	5-5	0	2337	-2053	231	139	167	140	142	142
			200	314	-148	127	78	95	81	83	83
			400	2681	-2632	109	-29	42	17	24	24
31	piano l	6-6	0	2046	-2334	-141	-234	-143	-169	-144	-144
			200	147	-312	-77	-126	-80	-94	-82	-82
			400	2628	-2669	19	-105	-14	-38	-20	-20

#### 4.2.7 Involuppi dei diagrammi delle sollecitazioni: Taglio X-Y.

I dati seguenti riportano i valori del Taglio X-Y relativamente alle aste che definiscono la struttura ed in modo particolare:

- Asta : numerazione interna dell'asta.  
X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.  
Taglio ( $T_{XY}$ ) : valore del Taglio X-Y nel punto considerato:  
Max : valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.  
Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tabella 49.I

Taglio ( $T_{xy}$ ) [daN]											
				SLU		SLE					
						Caratteristiche		Frequenti		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min
1	fondazio ne	1-2	0	135	-134	68	-63	33	-31	1	1
			31	93	-91	97	-94	47	-46	1	1
			63	138	-136	127	-128	62	-61	1	1
2	fondazio ne	1-2	0	96	-97	60	-55	27	-28	0	0
			39	19	-20	17	-18	8	-9	0	0
			78	102	-103	20	-25	10	-10	0	0
3	fondazio ne	1-2	0	102	-102	27	-22	11	-11	0	0
			39	19	-19	16	-16	8	-8	0	0
			78	97	-97	54	-58	27	-27	0	0
4	fondazio	1-2	0	127	-128	119	-114	57	-57	0	0

	ne										
			31	82	-83	86	-84	42	-42	0	0
			63	134	-134	55	-56	27	-27	0	0
5	fondazio ne	1-3	0	132	-133	6	-4	2	-2	0	0
			30	89	-89	40	-38	18	-19	0	0
			60	87	-87	74	-72	36	-36	0	0
6	fondazio ne	1-3	0	334	-334	353	-356	176	-176	0	0
			30	387	-386	388	-389	194	-194	0	0
			60	439	-439	423	-423	211	-211	0	0
7	fondazio ne	2-4	0	136	-134	15	-11	6	-5	1	1
			30	93	-91	26	-22	12	-10	1	1
			60	73	-71	61	-56	29	-27	1	1
8	fondazio ne	2-4	0	348	-348	367	-366	183	-183	0	0
			30	400	-400	401	-401	200	-200	0	0
			60	452	-452	436	-437	218	-218	0	0
9	fondazio ne	3-5	0	815	-818	808	-804	400	-402	-1	-1
			32	763	-767	774	-770	383	-385	-1	-1
			63	715	-719	741	-737	366	-369	-1	-1
10	fondazio ne	4-6	0	829	-822	823	-809	408	-403	2	2
			32	777	-771	789	-775	391	-386	2	2
			63	729	-722	756	-744	375	-370	2	2
11	fondazio ne	5-6	0	202	-209	191	-195	92	-97	-3	-3
			40	160	-166	163	-166	78	-83	-2	-2
			81	126	-130	137	-137	64	-69	-2	-2
12	fondazio ne	5-6	0	116	-117	35	-40	18	-18	0	0
			46	31	-31	2	-3	1	-1	0	0
			91	116	-116	36	-34	16	-16	0	0
13	fondazio ne	5-6	0	130	-123	139	-133	68	-62	3	3
			40	164	-155	166	-157	82	-76	3	3
			81	207	-198	193	-183	97	-90	3	3
14	piano l	1-2	0	57	-5	38	-1	7	-1	-1	-1
			140	4	-5	-1	-1	-1	-1	-1	-1
			280	4	-59	-1	-40	-1	-8	-1	-1
15	piano l	1-3	0	479	-473	21	-19	11	-5	3	3
			60	479	-473	21	-14	11	-5	3	3
			120	479	-473	22	-13	11	-5	3	3
16	piano l	7-1	0	1987	-1987	75	-146	15	-29	0	0
			30	1987	-1987	75	-146	15	-29	0	0
			60	1987	-1987	75	-146	15	-29	0	0
17	piano l	1-13	0	22485	-22485	92	-272	18	-54	0	0
			15	22485	-22485	92	-272	18	-54	0	0
			30	22485	-22485	92	-272	18	-54	0	0
18	piano l	2-4	0	474	-478	14	-25	6	-10	-2	-2
			60	474	-478	14	-25	6	-10	-2	-2
			120	474	-478	14	-25	6	-10	-2	-2
19	piano l	2-8	0	1982	-1982	146	-76	29	-15	0	0
			30	1982	-1982	146	-76	29	-15	0	0
			60	1982	-1982	146	-76	29	-15	0	0
20	piano l	2-14	0	22472	-22472	130	-600	26	-120	0	0
			15	22472	-22472	130	-600	26	-120	0	0
			30	22472	-22472	130	-600	26	-120	0	0
21	piano l	3-5	0	2531	-2500	43	1	23	8	16	16
			32	2531	-2500	45	1	23	8	16	16
			63	2531	-2500	48	1	23	8	16	16
22	piano l	4-6	0	2500	-2530	47	-34	-6	-22	-15	-15
			32	2500	-2530	47	-34	-6	-22	-15	-15
			63	2500	-2530	47	-34	-6	-22	-15	-15
23	piano l	5-6	0	45	-49	0	-33	-1	-7	-1	-1
			123	45	-47	0	-2	-1	-1	-1	-1
			247	46	-47	31	-2	5	-1	-1	-1
24	piano l	9-5	0	3701	-3701	159	-171	32	-34	0	0
			36	3701	-3701	159	-171	32	-34	0	0
			72	3701	-3701	159	-171	32	-34	0	0
25	piano l	6-10	0	3701	-3701	171	-159	34	-32	0	0

			36	3701	-3701	171	-159	34	-32	0	0
			72	3701	-3701	171	-159	34	-32	0	0
26	piano I	1-1	0	927	-866	46	24	34	27	30	30
			200	927	-866	61	24	36	27	30	30
			400	927	-866	96	24	43	27	30	30
27	piano I	2-2	0	864	-927	-17	-52	-28	-35	-32	-32
			200	864	-927	-17	-52	-28	-35	-32	-32
			400	864	-927	-17	-52	-28	-35	-32	-32
28	piano I	3-3	0	587	-612	-10	-46	-11	-21	-12	-12
			200	587	-612	1	-20	-11	-15	-12	-12
			400	587	-612	57	-20	0	-15	-12	-12
29	piano I	4-4	0	614	-588	28	11	17	12	13	13
			200	614	-588	28	11	17	12	13	13
			400	614	-588	28	11	17	12	13	13
30	piano I	5-5	0	1242	-1184	60	25	37	27	29	29
			200	1242	-1184	62	15	37	27	29	29
			400	1242	-1184	80	-25	41	21	29	29
31	piano I	6-6	0	1179	-1241	-22	-62	-29	-38	-31	-31
			200	1179	-1241	-17	-62	-29	-38	-31	-31
			400	1179	-1241	23	-62	-22	-38	-31	-31

#### 4.2.8 Involuppi Piastre

- Piastra : numerazione interna della Piastra intesa come insieme di elementi bidimensionali;
- Sollecitazioni :
- N1-1 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 1 nel punto considerato;
  - N2-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 2 in direzione 2 nel punto considerato;
  - N1-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 2 nel punto considerato;
  - M1-1 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 1 nel punto considerato;
  - M2-2 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 2 nel punto considerato;
  - M1-2 : valore dello Momento Torcente sulle faccie nel punto considerato;
  - T1-3 : valore del Taglio sulla faccia di normale parallela all'asse 1 in direzione 3 nel punto considerato;
  - T2-3 : valore del Taglio sulla faccia di normale parallela all'asse 2 in direzione 3 nel punto considerato;

##### 4.2.8.1 Involuppi SLV.

Tabella 50.I

MASSIMI										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	45.45	36.27	38.01	1195.23	1483.07	768.63	40.11	68.11

Tabella 50.II

MINIMI										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	-44.45	-37.02	-37.81	-1243.72	-945.18	-802.59	-36.08	-71.97

##### 4.2.8.2 Involuppi SLD.

Tabella 51.I

MASSIMI										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	fondazione	11, 12, 8, 7	30.31	24.16	25.35	831.05	881.88	451.50	27.03	45.09

Tabella 51.II

MINIMI										
Piastra	Impalcato	Fili	N1-1	N2-2	N1-2	M1-1	M2-2	M1-2	T1-3	T2-3

			[daN/cm]	[daN/cm]	[daN/cm]	[daNcm/cm]	[daNcm/cm]	[daNcm/cm]	[daN/cm]	[daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	-29.62	-24.70	-25.22	-845.34	-427.72	-513.93	-23.56	-43.33

### 4.2.8.3 Involuppi SLE

Tabella 52.I

MASSIMI - Combinazione Caratteristica										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	43.20	35.48	38.66	506.15	411.57	241.98	13.35	19.50

Tabella 52.II

MASSIMI - Combinazione Frequente										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	21.72	17.53	19.35	443.68	355.46	215.55	11.65	16.44

Tabella 52.III

MASSIMI - Combinazione Quasi Permanente										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	0.47	0.31	0.24	426.81	338.56	206.68	11.10	15.86

Tabella 52.IV

MINIMI - Combinazione Caratteristica										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	-42.45	-35.80	-38.25	-626.14	-286.13	-278.65	-13.48	-21.18

Tabella 52.V

MINIMI - Combinazione Frequente										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	-21.08	-18.00	-18.99	-546.51	-259.85	-247.10	-11.84	-17.68

Tabella 52.VI

MINIMI - Combinazione Quasi Permanente										
Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
<b>1</b>	fondazione	11, 12, 8, 7	-0.31	-0.54	-0.28	-524.13	-252.85	-236.52	-11.32	-17.00

### 4.3 Combinazioni.

La terminologia utilizzata è la seguente :

Nodo Vinc. : numerazione interna del nodo vincolato.  
Asta : numerazione interna al calcolo dell'asta.  
Imp. : livello di appartenenza dell'asta.  
Fili : Fili Fissi delimitanti l'asta.  
L : Lunghezza dell'asta nel modello di calcolo.  
Comb : Combinazione di Carico.

Sollecitazioni:

Ni : Valore dello Sforzo normale nella i-esima sezione.  
Mti : Valore del Momento Torcente nella i-esima sezione.  
Mxzi : Valore del Momento Flettente X-Z nella i-esima sezione.

Txzi : Valore del Taglio X-Z nella i-esima sezione.  
 Mxyi : Valore del Momento Flettente X-Y nella i-esima sezione.  
 Txyi : Valore dello Taglio X-Y nella i-esima sezione.  
 X : distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

## Reazioni:

Rx : reazione vincolare in direzione X (riferimento globale);  
 Ry : reazione vincolare in direzione Y (riferimento globale);  
 Rz : reazione vincolare in direzione Z (riferimento globale);  
 Rfx : reazione vincolare intorno ad X (riferimento globale);  
 Rfy : reazione vincolare intorno ad Y (riferimento globale);  
 Rfz : reazione vincolare intorno ad Z (riferimento globale).

## 4.3.1 Sforzo Normale - Combinazioni SLV.

I prospetti seguenti riportano i valori dello sforzo normale (N) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 53.I

Sforzo Normale (N) [daN] - Combinazioni SLV													
Asta	Imp.	Fili	L [cm]	Comb.	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	N <sub>4</sub>	N <sub>5</sub>	N <sub>6</sub>	N <sub>7</sub>	N <sub>8</sub>	N <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	23	23	23	23	23	23	23	23	23
				C.C.2	1851	1843	1836	1829	1823	1817	1812	1807	1803
				C.C.3	-1805	-1797	-1790	-1783	-1777	-1771	-1766	-1761	-1757
				C.C.4	3064	3052	3040	3029	3018	3009	3000	2992	2985
				C.C.5	-3028	-3015	-3003	-2992	-2982	-2972	-2963	-2955	-2948
				C.C.6	-229	-214	-199	-184	-171	-168	-165	-162	-160
				C.C.7	-190	-176	-162	-149	-138	-136	-134	-132	-132
				C.C.8	-261	-246	-231	-216	-204	-200	-197	-194	-192
				C.C.9	-222	-208	-195	-181	-170	-168	-166	-165	-164
				C.C.10	248	234	220	207	195	193	192	190	189
				C.C.11	287	272	257	242	229	226	222	220	217
				C.C.12	215	201	188	175	163	161	159	158	157
				C.C.13	255	239	224	210	197	193	190	187	185
				C.C.14	-36	-30	-25	-20	-15	-13	-11	-10	-8
				C.C.15	27	30	33	36	38	38	37	37	36
				C.C.16	107	104	101	97	95	95	95	96	96
				C.C.17	169	164	158	153	148	146	144	142	141
				C.C.18	-144	-138	-133	-127	-123	-121	-119	-117	-115
				C.C.19	-81	-78	-75	-72	-69	-70	-70	-70	-71
				C.C.20	-1	-4	-7	-10	-13	-12	-12	-11	-11
				C.C.21	61	56	51	45	41	39	37	35	34
				C.C. U1	24	24	24	25	25	25	25	26	26
				C.C. U2	24	24	24	25	25	25	25	26	26
				C.C. U3	22	22	23	23	24	24	24	25	25
				C.C. U4	40	40	40	39	39	39	38	38	38
				C.C. U5	40	40	40	39	39	39	38	38	38
				C.C. U6	50	49	48	48	47	47	46	46	45
				C.C. U7	27	27	27	27	27	27	27	27	27
				C.C. U8	27	27	27	27	27	27	27	27	27
				C.C. U9	27	27	27	27	27	27	27	27	27
				C.C. U10	22	22	22	22	22	22	22	22	22
				C.C. U11	22	22	22	22	22	22	22	22	22
				C.C. U12	19	19	19	19	19	19	19	19	19
				C.C. U13	25	25	25	24	24	24	24	24	24
				C.C. U14	25	25	25	25	25	24	24	24	24
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	19	19	19	19	19	19	19	19	19
				C.C.2	86	81	77	73	71	68	67	66	66
				C.C.3	-48	-44	-39	-36	-33	-31	-29	-28	-28
				C.C.4	127	119	112	106	101	98	95	93	93
				C.C.5	-97	-89	-82	-76	-72	-68	-65	-64	-63
				C.C.6	-94	-74	-54	-34	-17	-14	76	83	91
				C.C.7	-81	-63	-45	-27	-12	-11	78	83	90
				C.C.8	-137	-117	-97	-77	-60	-57	33	40	48

				C.C.9	-124	-106	-88	-70	-55	-53	35	40	47
				C.C.10	145	126	108	90	75	74	-15	-20	-26
				C.C.11	158	137	117	98	81	78	-13	-19	-28
				C.C.12	102	83	65	47	32	31	-58	-63	-69
				C.C.13	115	94	74	55	38	35	-56	-62	-71
				C.C.14	36	43	50	57	63	66	94	97	101
				C.C.15	56	61	65	69	72	72	97	98	98
				C.C.16	108	103	99	95	91	92	67	66	65
				C.C.17	128	121	113	106	100	98	70	67	63
				C.C.18	-107	-100	-93	-86	-80	-78	-49	-46	-43
				C.C.19	-87	-83	-78	-74	-71	-72	-46	-46	-45
				C.C.20	-36	-40	-44	-49	-52	-51	-77	-77	-78
				C.C.21	-15	-23	-30	-37	-43	-45	-73	-76	-80
				C.C. U1	22	22	23	23	23	24	24	24	24
				C.C. U2	22	22	22	23	23	23	24	24	24
				C.C. U3	22	23	23	24	24	25	25	26	27
				C.C. U4	29	28	28	28	27	27	26	26	26
				C.C. U5	29	28	28	27	27	27	26	26	25
				C.C. U6	34	33	33	32	31	30	30	29	28
				C.C. U7	23	23	23	23	23	23	23	23	23
				C.C. U8	23	23	23	23	23	23	23	23	23
				C.C. U9	24	24	24	24	24	24	24	24	24
				C.C. U10	16	16	16	16	16	16	16	16	16
				C.C. U11	16	16	16	16	16	16	16	16	16
				C.C. U12	13	13	13	13	13	13	13	13	13
				C.C. U13	20	20	20	20	20	20	20	20	20
				C.C. U14	19	19	19	19	19	19	19	19	19
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	18	18	18	18	18	18	18	18	18
				C.C.2	36	36	37	39	41	44	47	51	56
				C.C.3	0	-1	-2	-3	-5	-8	-12	-16	-21
				C.C.4	44	45	46	49	53	57	63	70	78
				C.C.5	-16	-17	-18	-21	-25	-29	-35	-42	-50
				C.C.6	-31	-22	-15	72	74	89	109	129	149
				C.C.7	-30	-23	-18	67	68	81	99	117	136
				C.C.8	-67	-58	-51	35	38	53	73	93	113
				C.C.9	-67	-59	-54	31	32	45	63	81	100
				C.C.10	86	79	73	-11	-12	-26	-44	-62	-81
				C.C.11	87	78	71	-16	-19	-34	-53	-73	-94
				C.C.12	50	43	37	-48	-49	-62	-80	-98	-116
				C.C.13	51	42	35	-52	-55	-70	-89	-109	-130
				C.C.14	52	56	59	86	88	93	100	107	115
				C.C.15	53	54	54	79	78	81	85	89	94
				C.C.16	87	86	85	61	62	59	55	50	46
				C.C.17	88	84	81	54	52	46	39	32	25
				C.C.18	-69	-65	-62	-34	-32	-27	-20	-12	-5
				C.C.19	-68	-66	-66	-41	-42	-39	-35	-31	-26
				C.C.20	-34	-34	-35	-59	-58	-61	-65	-70	-74
				C.C.21	-32	-36	-39	-66	-68	-74	-81	-88	-95
				C.C. U1	20	21	21	21	22	22	22	23	23
				C.C. U2	20	21	21	21	22	22	22	23	23
				C.C. U3	21	21	22	22	23	23	24	24	25
				C.C. U4	24	24	24	23	23	22	22	21	21
				C.C. U5	24	24	23	23	23	22	22	21	21
				C.C. U6	27	26	26	25	24	24	23	22	21
				C.C. U7	21	21	21	21	21	21	21	21	21
				C.C. U8	21	21	21	21	21	21	21	21	21
				C.C. U9	22	22	22	22	22	22	22	22	22
				C.C. U10	16	16	16	16	16	16	16	16	16
				C.C. U11	16	16	16	16	16	16	16	16	16
				C.C. U12	13	13	13	13	13	13	13	13	13
				C.C. U13	19	19	19	19	19	19	19	19	19
				C.C. U14	19	19	19	19	19	19	19	19	19
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	23	23	23	23	23	23	23	23	23
				C.C.2	1836	1840	1845	1850	1856	1862	1869	1876	1884
				C.C.3	-1790	-1794	-1799	-1804	-1810	-1816	-1823	-1830	-1838
				C.C.4	3040	3047	3055	3064	3074	3084	3095	3107	3120
				C.C.5	-3003	-3010	-3018	-3027	-3037	-3047	-3058	-3070	-3083
				C.C.6	206	209	211	214	218	228	243	258	273
				C.C.7	182	182	183	185	187	196	209	223	237
				C.C.8	176	178	181	184	188	198	213	228	243

				C.C.9	151	152	153	155	157	166	179	193	207
				C.C.10	-126	-127	-128	-129	-131	-140	-154	-167	-181
				C.C.11	-151	-153	-155	-158	-162	-172	-187	-202	-217
				C.C.12	-156	-157	-158	-159	-161	-170	-184	-197	-211
				C.C.13	-181	-183	-185	-188	-192	-202	-217	-232	-247
				C.C.14	133	134	136	138	139	143	149	154	160
				C.C.15	93	92	92	91	91	93	96	99	102
				C.C.16	33	34	34	34	35	33	30	27	23
				C.C.17	-6	-8	-10	-12	-14	-18	-23	-28	-34
				C.C.18	32	34	35	37	39	43	49	54	60
				C.C.19	-7	-8	-8	-9	-9	-7	-4	-1	2
				C.C.20	-68	-67	-66	-66	-65	-67	-70	-73	-77
				C.C.21	-107	-108	-110	-112	-114	-118	-123	-128	-134
				C.C. U1	27	28	28	28	29	29	29	29	30
				C.C. U2	27	28	28	28	28	29	29	29	30
				C.C. U3	28	29	29	29	30	30	31	31	31
				C.C. U4	25	25	25	24	24	24	23	23	23
				C.C. U5	25	25	25	24	24	24	23	23	23
				C.C. U6	24	24	23	23	22	22	21	20	20
				C.C. U7	27	27	27	27	27	27	27	27	27
				C.C. U8	27	27	27	27	27	27	27	27	27
				C.C. U9	27	27	27	27	27	27	27	27	27
				C.C. U10	22	22	22	22	22	22	22	22	22
				C.C. U11	22	22	22	22	22	22	22	22	22
				C.C. U12	19	19	19	19	19	19	19	19	19
				C.C. U13	24	24	24	24	24	24	24	24	24
				C.C. U14	24	24	24	24	24	24	24	24	24
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.2	2324	2318	2313	2307	2303	2298	2294	2291	2288
				C.C.3	-2372	-2366	-2360	-2355	-2350	-2346	-2342	-2339	-2336
				C.C.4	3897	3886	3877	3868	3860	3853	3847	3841	3836
				C.C.5	-3930	-3920	-3911	-3902	-3894	-3887	-3881	-3875	-3870
				C.C.6	4	-1	-6	-11	-16	-20	-19	-12	-3
				C.C.7	-18	-22	-26	-29	-33	-36	-34	-25	-15
				C.C.8	114	99	85	70	56	43	36	39	48
				C.C.9	92	78	65	52	39	27	21	26	36
				C.C.10	-116	-103	-89	-76	-64	-52	-45	-50	-60
				C.C.11	-138	-123	-109	-95	-81	-67	-60	-64	-72
				C.C.12	-6	-2	1	5	9	12	10	1	-9
				C.C.13	-28	-23	-18	-13	-8	-4	-5	-13	-21
				C.C.14	-160	-147	-135	-124	-112	-101	-89	-81	-79
				C.C.15	-195	-181	-167	-153	-139	-126	-112	-102	-98
				C.C.16	-195	-178	-160	-143	-126	-110	-96	-93	-96
				C.C.17	-231	-211	-192	-172	-154	-135	-119	-114	-115
				C.C.18	206	187	167	148	129	111	95	90	91
				C.C.19	171	153	136	119	102	86	72	68	72
				C.C.20	170	156	142	128	115	102	87	78	74
				C.C.21	135	123	111	99	88	76	64	57	55
				C.C. U1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U2	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U3	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U4	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U5	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U6	-23	-23	-23	-23	-23	-22	-22	-22	-22
				C.C. U7	-26	-25	-24	-24	-23	-23	-22	-21	-21
				C.C. U8	-22	-22	-21	-21	-20	-19	-19	-18	-18
				C.C. U9	-26	-25	-24	-23	-22	-20	-19	-18	-17
				C.C. U10	-1	-2	-2	-3	-3	-4	-4	-5	-5
				C.C. U11	2	2	1	1	0	0	-1	-1	-2
				C.C. U12	15	14	14	13	12	11	10	10	9
				C.C. U13	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U14	-19	-19	-19	-19	-19	-19	-19	-19	-19
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.2	2397	2394	2392	2390	2389	2389	2388	2389	2389
				C.C.3	-2415	-2413	-2411	-2409	-2408	-2407	-2407	-2407	-2408
				C.C.4	4003	3999	3995	3993	3991	3990	3989	3990	3991
				C.C.5	-4017	-4013	-4010	-4007	-4005	-4004	-4003	-4004	-4005
				C.C.6	72	62	53	47	50	54	64	77	90
				C.C.7	95	87	80	75	79	84	95	109	124
				C.C.8	-4	-14	-23	-30	-35	-39	-38	-34	-30

				C.C.9	19	11	4	-2	-6	-9	-7	-2	4
				C.C.10	-30	-22	-14	-8	-4	-1	-3	-9	-14
				C.C.11	-6	3	12	19	24	29	28	24	20
				C.C.12	-105	-97	-90	-85	-89	-95	-105	-120	-134
				C.C.13	-82	-72	-63	-57	-60	-65	-74	-87	-100
				C.C.14	118	114	111	109	122	135	150	167	184
				C.C.15	155	153	152	153	167	182	200	219	238
				C.C.16	87	89	90	93	105	118	130	141	153
				C.C.17	125	128	132	136	151	166	180	193	206
				C.C.18	-135	-138	-142	-146	-161	-176	-190	-203	-216
				C.C.19	-98	-99	-101	-103	-115	-128	-140	-152	-163
				C.C.20	-166	-164	-162	-163	-177	-193	-210	-229	-248
				C.C.21	-128	-124	-121	-119	-132	-145	-160	-177	-194
				C.C. U1	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U2	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U3	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U4	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U5	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U6	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U7	5	5	6	6	7	8	8	9	10
				C.C. U8	6	7	7	8	8	9	10	10	11
				C.C. U9	14	15	16	17	18	19	20	21	22
				C.C. U10	-2	-3	-3	-4	-4	-5	-5	-6	-6
				C.C. U11	-1	-2	-2	-3	-3	-3	-4	-4	-5
				C.C. U12	2	2	1	0	-1	-2	-2	-3	-4
				C.C. U13	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U14	-7	-7	-7	-7	-7	-7	-7	-7	-7
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.2	2379	2373	2368	2362	2358	2353	2349	2346	2343
				C.C.3	-2426	-2420	-2414	-2409	-2404	-2400	-2396	-2393	-2390
				C.C.4	3988	3978	3968	3960	3952	3944	3938	3932	3927
				C.C.5	-4021	-4011	-4002	-3993	-3985	-3978	-3971	-3966	-3961
				C.C.6	-133	-119	-104	-90	-77	-64	-59	-63	-72
				C.C.7	-113	-100	-87	-74	-62	-50	-46	-52	-61
				C.C.8	-33	-28	-23	-18	-14	-10	-13	-19	-27
				C.C.9	-13	-9	-5	-2	1	4	0	-8	-17
				C.C.10	-11	-15	-19	-22	-25	-28	-24	-17	-7
				C.C.11	9	4	-1	-6	-10	-14	-11	-5	3
				C.C.12	89	76	63	50	38	26	22	28	37
				C.C.13	109	95	80	66	53	40	34	39	47
				C.C.14	-214	-194	-175	-155	-137	-119	-103	-102	-104
				C.C.15	-182	-164	-147	-129	-113	-97	-83	-84	-88
				C.C.16	-177	-163	-149	-135	-121	-108	-93	-88	-84
				C.C.17	-145	-133	-121	-109	-97	-86	-73	-70	-68
				C.C.18	121	109	97	85	73	62	49	46	44
				C.C.19	153	139	125	111	97	84	69	64	60
				C.C.20	158	140	123	105	89	72	59	59	64
				C.C.21	190	170	151	131	112	94	79	77	80
				C.C. U1	-28	-28	-29	-29	-29	-30	-30	-31	-31
				C.C. U2	-25	-25	-26	-26	-26	-27	-27	-27	-28
				C.C. U3	-30	-31	-31	-32	-32	-33	-33	-34	-35
				C.C. U4	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U6	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U7	-25	-24	-23	-23	-22	-22	-21	-20	-20
				C.C. U8	-22	-21	-20	-20	-19	-19	-18	-17	-17
				C.C. U9	-24	-23	-22	-21	-20	-19	-18	-17	-16
				C.C. U10	-2	-3	-3	-4	-4	-5	-5	-6	-6
				C.C. U11	1	0	0	-1	-1	-2	-2	-3	-3
				C.C. U12	13	12	12	11	10	9	8	8	7
				C.C. U13	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U14	-19	-19	-19	-19	-19	-19	-19	-19	-19
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	2387	2384	2382	2380	2379	2379	2378	2378	2379
				C.C.3	-2411	-2409	-2407	-2405	-2404	-2403	-2403	-2403	-2404
				C.C.4	3989	3985	3981	3979	3977	3976	3975	3976	3977
				C.C.5	-4007	-4003	-4000	-3997	-3995	-3994	-3994	-3994	-3995
				C.C.6	-3	6	15	22	26	30	26	22	18
				C.C.7	-23	-15	-7	-2	1	4	-1	-7	-12
				C.C.8	-75	-65	-56	-51	-54	-59	-71	-85	-98



				C.C.9	-95	-87	-79	-75	-79	-85	-99	-113	-128
				C.C.10	82	73	66	61	66	72	85	100	115
				C.C.11	62	52	43	38	41	45	58	71	85
				C.C.12	10	2	-6	-11	-15	-17	-12	-7	-1
				C.C.13	-10	-19	-29	-35	-40	-43	-39	-35	-31
				C.C.14	117	120	123	127	141	156	169	182	195
				C.C.15	85	86	88	89	101	114	125	137	148
				C.C.16	142	140	138	139	153	168	187	205	225
				C.C.17	111	106	103	101	113	127	143	160	177
				C.C.18	-124	-119	-116	-114	-126	-140	-156	-173	-190
				C.C.19	-155	-153	-152	-152	-166	-181	-200	-219	-238
				C.C.20	-98	-99	-101	-103	-115	-128	-139	-150	-161
				C.C.21	-130	-133	-137	-140	-154	-169	-182	-195	-209
				C.C. U1	0	-1	-1	-2	-2	-2	-3	-3	-3
				C.C. U2	1	1	1	0	0	-1	-1	-1	-2
				C.C. U3	8	7	7	6	6	5	4	4	3
				C.C. U4	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U5	-10	-10	-10	-10	-10	-11	-11	-11	-11
				C.C. U6	-11	-11	-11	-11	-12	-12	-12	-12	-12
				C.C. U7	2	2	3	3	4	5	5	6	6
				C.C. U8	3	4	4	5	6	6	7	8	8
				C.C. U9	11	12	13	14	15	16	17	18	20
				C.C. U10	-5	-6	-6	-7	-7	-7	-8	-8	-9
				C.C. U11	-3	-4	-4	-5	-5	-6	-6	-7	-7
				C.C. U12	0	-1	-1	-2	-3	-4	-5	-5	-6
				C.C. U13	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U14	-10	-10	-10	-10	-10	-10	-10	-10	-10
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-56	-56	-56	-56	-56	-56	-56	-56	-56
				C.C.2	1989	1990	1992	1994	1997	2000	2003	2007	2012
				C.C.3	-2102	-2103	-2104	-2107	-2109	-2112	-2116	-2120	-2125
				C.C.4	3371	3373	3375	3379	3383	3389	3395	3402	3409
				C.C.5	-3447	-3449	-3452	-3455	-3460	-3465	-3471	-3478	-3486
				C.C.6	11	0	-9	-15	-20	-25	-30	-27	-23
				C.C.7	156	147	139	135	131	127	124	128	134
				C.C.8	-39	-49	-60	-74	-89	-104	-118	-125	-131
				C.C.9	107	98	89	75	62	49	36	30	25
				C.C.10	-162	-153	-144	-131	-117	-104	-91	-86	-81
				C.C.11	-16	-6	5	19	34	48	62	70	76
				C.C.12	-212	-203	-195	-190	-186	-183	-179	-184	-189
				C.C.13	-66	-56	-46	-40	-35	-30	-26	-29	-33
				C.C.14	-35	-39	-41	-30	-18	-6	7	22	37
				C.C.15	197	194	195	208	221	236	250	268	285
				C.C.16	-87	-85	-81	-65	-48	-30	-12	4	20
				C.C.17	145	148	154	173	192	212	232	250	268
				C.C.18	-200	-204	-210	-228	-247	-267	-287	-305	-323
				C.C.19	31	30	26	9	-8	-25	-43	-59	-75
				C.C.20	-252	-250	-250	-263	-277	-291	-306	-323	-341
				C.C.21	-21	-16	-15	-25	-37	-49	-62	-77	-93
				C.C. U1	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C. U2	-61	-61	-61	-61	-61	-61	-61	-61	-61
				C.C. U3	-74	-74	-74	-73	-73	-73	-73	-73	-73
				C.C. U4	-50	-50	-50	-50	-50	-50	-50	-50	-50
				C.C. U5	-42	-42	-42	-42	-42	-42	-42	-42	-42
				C.C. U6	-41	-41	-41	-41	-41	-41	-41	-41	-41
				C.C. U7	-41	-41	-41	-41	-40	-40	-40	-41	-41
				C.C. U8	-34	-33	-33	-33	-33	-33	-33	-33	-33
				C.C. U9	-27	-27	-26	-26	-26	-26	-26	-26	-26
				C.C. U10	-52	-53	-53	-54	-54	-55	-55	-56	-56
				C.C. U11	-45	-45	-46	-46	-47	-47	-48	-48	-49
				C.C. U12	-45	-46	-47	-48	-49	-50	-50	-51	-52
				C.C. U13	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C. U14	-47	-47	-47	-47	-47	-47	-47	-47	-47
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C.2	1983	1984	1986	1988	1991	1994	1997	2001	2006
				C.C.3	-2090	-2091	-2093	-2095	-2098	-2101	-2105	-2109	-2114
				C.C.4	3358	3360	3363	3367	3371	3376	3382	3389	3397
				C.C.5	-3430	-3432	-3435	-3439	-3443	-3448	-3454	-3461	-3469
				C.C.6	-12	-2	9	24	38	52	63	69	75
				C.C.7	-162	-153	-143	-130	-117	-104	-95	-90	-85
				C.C.8	-65	-55	-46	-40	-35	-31	-30	-34	-38

				C.C.9	-214	-205	-198	-194	-190	-187	-188	-192	-198
				C.C.10	162	153	146	142	138	135	135	140	146
				C.C.11	12	2	-6	-12	-17	-21	-22	-19	-14
				C.C.12	109	101	91	78	65	52	42	37	33
				C.C.13	-40	-50	-62	-76	-90	-104	-115	-122	-127
				C.C.14	154	158	166	184	204	224	242	260	278
				C.C.15	-84	-82	-76	-59	-42	-24	-7	8	24
				C.C.16	206	204	207	220	234	248	264	282	300
				C.C.17	-31	-35	-35	-24	-12	1	14	30	46
				C.C.18	-21	-17	-18	-29	-41	-53	-67	-82	-98
				C.C.19	-258	-256	-259	-272	-286	-301	-317	-334	-352
				C.C.20	31	29	23	7	-11	-28	-45	-61	-77
				C.C.21	-206	-210	-218	-237	-256	-276	-295	-313	-331
				C.C. U1	-36	-35	-35	-35	-35	-35	-35	-35	-36
				C.C. U2	-28	-28	-28	-28	-27	-28	-28	-28	-28
				C.C. U3	-20	-19	-19	-19	-18	-18	-19	-19	-19
				C.C. U4	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C. U5	-46	-46	-47	-47	-47	-47	-47	-47	-47
				C.C. U6	-50	-50	-50	-50	-50	-50	-50	-51	-51
				C.C. U7	-38	-38	-38	-38	-37	-37	-37	-38	-38
				C.C. U8	-31	-31	-30	-30	-30	-30	-30	-30	-30
				C.C. U9	-24	-24	-23	-23	-23	-23	-23	-23	-23
				C.C. U10	-50	-50	-51	-51	-52	-52	-53	-53	-54
				C.C. U11	-42	-43	-43	-44	-44	-45	-45	-46	-47
				C.C. U12	-43	-44	-45	-46	-47	-48	-48	-49	-50
				C.C. U13	-52	-52	-52	-52	-52	-52	-52	-52	-52
				C.C. U14	-44	-44	-44	-44	-44	-44	-44	-44	-44
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.2	1066	1057	1049	1042	1035	1029	1024	1020	1016
				C.C.3	-1109	-1100	-1092	-1085	-1078	-1073	-1067	-1063	-1060
				C.C.4	1798	1783	1770	1758	1747	1737	1729	1721	1716
				C.C.5	-1827	-1812	-1799	-1787	-1776	-1766	-1758	-1750	-1744
				C.C.6	-230	-212	-193	-178	-175	-173	-171	-170	-169
				C.C.7	-335	-316	-297	-281	-277	-274	-271	-269	-268
				C.C.8	-240	-221	-202	-187	-184	-182	-180	-179	-178
				C.C.9	-344	-325	-306	-290	-286	-283	-280	-278	-277
				C.C.10	323	303	284	268	264	261	258	256	255
				C.C.11	218	199	180	166	162	160	158	157	156
				C.C.12	314	294	275	259	255	252	249	247	246
				C.C.13	209	190	171	157	153	151	149	148	147
				C.C.14	4	10	15	19	19	19	19	19	19
				C.C.15	-162	-156	-149	-144	-143	-141	-140	-139	-138
				C.C.16	170	164	158	153	151	149	148	147	146
				C.C.17	4	-1	-6	-10	-11	-11	-11	-11	-11
				C.C.18	-26	-21	-15	-12	-11	-11	-11	-11	-11
				C.C.19	-192	-186	-179	-174	-173	-171	-170	-169	-168
				C.C.20	140	134	128	122	121	119	118	117	116
				C.C.21	-26	-31	-36	-40	-41	-41	-41	-41	-41
				C.C. U1	-7	-8	-8	-8	-8	-9	-9	-9	-9
				C.C. U2	-3	-3	-3	-4	-4	-4	-4	-5	-5
				C.C. U3	3	2	2	2	1	1	0	0	-1
				C.C. U4	-12	-12	-13	-13	-14	-14	-14	-15	-15
				C.C. U5	-8	-8	-8	-9	-9	-9	-10	-10	-11
				C.C. U6	-5	-6	-6	-7	-7	-8	-9	-9	-10
				C.C. U7	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U8	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U9	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U10	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U11	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U12	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U13	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U14	-15	-15	-15	-15	-15	-15	-15	-15	-15
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C.2	352	349	347	345	345	345	347	349	352
				C.C.3	-383	-380	-378	-377	-376	-377	-378	-380	-383
				C.C.4	602	597	593	591	590	591	593	597	602
				C.C.5	-624	-618	-615	-612	-612	-612	-615	-618	-624
				C.C.6	-122	-98	-74	-50	-25	-2	21	45	69
				C.C.7	-125	-100	-76	-51	-25	-1	23	48	73
				C.C.8	-81	-57	-33	-9	16	39	63	86	110

				C.C.9	-84	-59	-35	-10	16	40	64	89	114
				C.C.10	68	43	18	-6	-33	-56	-81	-105	-130
				C.C.11	64	41	17	-7	-33	-55	-79	-103	-127
				C.C.12	109	84	59	35	8	-15	-40	-64	-89
				C.C.13	105	82	58	34	8	-14	-38	-62	-85
				C.C.14	-102	-96	-89	-82	-75	-69	-63	-56	-49
				C.C.15	-108	-100	-92	-84	-75	-68	-60	-52	-44
				C.C.16	-45	-53	-61	-69	-78	-85	-93	-101	-109
				C.C.17	-51	-57	-64	-71	-78	-84	-90	-97	-104
				C.C.18	34	41	48	54	61	68	74	81	87
				C.C.19	29	37	45	53	61	69	77	85	93
				C.C.20	91	83	75	67	59	51	44	36	28
				C.C.21	86	79	73	66	59	53	46	40	33
				C.C. U1	-16	-16	-17	-17	-17	-18	-18	-18	-18
				C.C. U2	-13	-13	-13	-14	-14	-14	-15	-15	-15
				C.C. U3	-16	-17	-17	-18	-18	-19	-19	-20	-20
				C.C. U4	-8	-8	-9	-9	-10	-10	-10	-11	-11
				C.C. U5	-5	-5	-6	-6	-6	-7	-7	-8	-8
				C.C. U6	-2	-3	-4	-5	-5	-6	-7	-7	-8
				C.C. U7	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U8	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U9	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U10	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U11	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U12	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U13	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U14	-11	-11	-11	-11	-11	-11	-11	-11	-11
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.2	1001	1004	1009	1014	1019	1026	1033	1041	1050
				C.C.3	-1047	-1051	-1055	-1060	-1066	-1073	-1080	-1088	-1097
				C.C.4	1691	1697	1704	1712	1722	1733	1745	1758	1773
				C.C.5	-1723	-1729	-1736	-1744	-1754	-1765	-1777	-1790	-1805
				C.C.6	165	166	167	169	172	175	190	209	228
				C.C.7	262	263	265	268	272	276	292	311	331
				C.C.8	156	156	158	160	162	166	181	199	218
				C.C.9	252	254	256	259	262	266	283	302	321
				C.C.10	-276	-278	-280	-283	-286	-290	-307	-326	-345
				C.C.11	-180	-180	-182	-184	-186	-190	-205	-224	-242
				C.C.12	-286	-287	-289	-292	-296	-300	-316	-335	-355
				C.C.13	-189	-190	-191	-193	-196	-199	-214	-233	-252
				C.C.14	-7	-7	-7	-7	-7	-7	-2	3	8
				C.C.15	147	148	149	150	151	153	159	165	171
				C.C.16	-139	-140	-142	-143	-144	-146	-152	-158	-164
				C.C.17	14	14	15	14	14	14	9	4	-1
				C.C.18	-38	-39	-39	-38	-38	-38	-33	-28	-23
				C.C.19	115	116	118	119	120	122	128	134	140
				C.C.20	-171	-172	-173	-174	-175	-177	-183	-189	-195
				C.C.21	-17	-17	-17	-17	-17	-17	-22	-27	-32
				C.C. U1	-34	-34	-34	-34	-35	-35	-35	-35	-36
				C.C. U2	-29	-29	-30	-30	-30	-30	-31	-31	-31
				C.C. U3	-40	-40	-41	-41	-41	-42	-42	-43	-43
				C.C. U4	-19	-19	-19	-20	-20	-21	-21	-21	-22
				C.C. U5	-14	-15	-15	-15	-16	-16	-16	-17	-17
				C.C. U6	-15	-16	-16	-17	-17	-18	-19	-19	-20
				C.C. U7	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U8	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U9	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U10	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U11	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U12	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U13	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U14	-16	-16	-16	-16	-16	-16	-17	-17	-17
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C.2	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C.3	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C.4	-71	-71	-71	-71	-71	-71	-71	-71	-71
				C.C.5	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.6	16	16	16	16	16	16	16	16	16
				C.C.7	16	16	16	16	16	16	16	16	16

				C.C.8	-80	-80	-80	-80	-80	-80	-80	-80	-80
				C.C.9	-80	-80	-80	-80	-80	-80	-80	-80	-80
				C.C.10	13	13	13	13	13	13	13	13	13
				C.C.11	13	13	13	13	13	13	13	13	13
				C.C.12	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C.13	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C.14	127	127	127	127	127	127	127	127	127
				C.C.15	127	127	127	127	127	127	127	127	127
				C.C.16	126	126	126	126	126	126	126	126	126
				C.C.17	126	126	126	126	126	126	126	126	126
				C.C.18	-193	-193	-193	-193	-193	-193	-193	-193	-193
				C.C.19	-193	-193	-193	-193	-193	-193	-193	-193	-193
				C.C.20	-194	-194	-194	-194	-194	-194	-194	-194	-194
				C.C.21	-194	-194	-194	-194	-194	-194	-194	-194	-194
				C.C. U1	-63	-63	-63	-63	-63	-63	-63	-63	-63
				C.C. U2	-66	-66	-66	-66	-66	-66	-66	-66	-66
				C.C. U3	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U4	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C. U5	-86	-86	-86	-86	-86	-86	-86	-86	-86
				C.C. U6	-92	-92	-92	-92	-92	-92	-92	-92	-92
				C.C. U7	-61	-61	-61	-61	-61	-61	-61	-61	-61
				C.C. U8	-64	-64	-64	-64	-64	-64	-64	-64	-64
				C.C. U9	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C. U10	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C. U11	-72	-72	-72	-72	-72	-72	-72	-72	-72
				C.C. U12	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C. U13	-65	-65	-65	-65	-65	-65	-65	-65	-65
				C.C. U14	-68	-68	-68	-68	-68	-68	-68	-68	-68
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	88	88	88	88	88	88	88	88	88
				C.C.2	84	84	84	84	84	84	84	84	84
				C.C.3	92	92	92	92	92	92	92	92	92
				C.C.4	55	55	55	55	55	55	55	55	55
				C.C.5	69	69	69	69	69	69	69	69	69
				C.C.6	-165	-165	-165	-165	-165	-165	-165	-165	-165
				C.C.7	36	36	36	36	36	36	36	36	36
				C.C.8	-2734	-2734	-2734	-2734	-2734	-2734	-2734	-2734	-2734
				C.C.9	-2533	-2533	-2533	-2533	-2533	-2533	-2533	-2533	-2533
				C.C.10	2622	2622	2622	2622	2622	2622	2622	2622	2622
				C.C.11	2824	2824	2824	2824	2824	2824	2824	2824	2824
				C.C.12	53	53	53	53	53	53	53	53	53
				C.C.13	255	255	255	255	255	255	255	255	255
				C.C.14	3749	3749	3749	3749	3749	3749	3749	3749	3749
				C.C.15	4068	4068	4068	4068	4068	4068	4068	4068	4068
				C.C.16	4585	4585	4585	4585	4585	4585	4585	4585	4585
				C.C.17	4904	4904	4904	4904	4904	4904	4904	4904	4904
				C.C.18	-4815	-4815	-4815	-4815	-4815	-4815	-4815	-4815	-4815
				C.C.19	-4496	-4496	-4496	-4496	-4496	-4496	-4496	-4496	-4496
				C.C.20	-3979	-3979	-3979	-3979	-3979	-3979	-3979	-3979	-3979
				C.C.21	-3659	-3659	-3659	-3659	-3659	-3659	-3659	-3659	-3659
				C.C. U1	146	146	146	146	146	146	146	146	146
				C.C. U2	133	133	133	133	133	133	133	133	133
				C.C. U3	180	180	180	180	180	180	180	180	180
				C.C. U4	92	92	92	92	92	92	92	92	92
				C.C. U5	79	79	79	79	79	79	79	79	79
				C.C. U6	90	90	90	90	90	90	90	90	90
				C.C. U7	246	246	246	246	246	246	246	246	246
				C.C. U8	233	233	233	233	233	233	233	233	233
				C.C. U9	346	346	346	346	346	346	346	346	346
				C.C. U10	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U11	-72	-72	-72	-72	-72	-72	-72	-72	-72
				C.C. U12	-161	-161	-161	-161	-161	-161	-161	-161	-161
				C.C. U13	83	83	83	83	83	83	83	83	83
				C.C. U14	70	70	70	70	70	70	70	70	70
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	12410	12410	12410	12410	12410	12410	12410	12410	12410

				C.C.7	11387	11387	11387	11387	11387	11387	11387	11387	11387
				C.C.8	12648	12648	12648	12648	12648	12648	12648	12648	12648
				C.C.9	11625	11625	11625	11625	11625	11625	11625	11625	11625
				C.C.10	-11625	-11625	-11625	-11625	-11625	-11625	-11625	-11625	-11625
				C.C.11	-12648	-12648	-12648	-12648	-12648	-12648	-12648	-12648	-12648
				C.C.12	-11387	-11387	-11387	-11387	-11387	-11387	-11387	-11387	-11387
				C.C.13	-12410	-12410	-12410	-12410	-12410	-12410	-12410	-12410	-12410
				C.C.14	4020	4020	4020	4020	4020	4020	4020	4020	4020
				C.C.15	2397	2397	2397	2397	2397	2397	2397	2397	2397
				C.C.16	-3191	-3191	-3191	-3191	-3191	-3191	-3191	-3191	-3191
				C.C.17	-4813	-4813	-4813	-4813	-4813	-4813	-4813	-4813	-4813
				C.C.18	4813	4813	4813	4813	4813	4813	4813	4813	4813
				C.C.19	3191	3191	3191	3191	3191	3191	3191	3191	3191
				C.C.20	-2397	-2397	-2397	-2397	-2397	-2397	-2397	-2397	-2397
				C.C.21	-4020	-4020	-4020	-4020	-4020	-4020	-4020	-4020	-4020
				C.C. U1	23	23	23	23	23	23	23	23	23
				C.C. U2	23	23	23	23	23	23	23	23	23
				C.C. U3	39	39	39	39	39	39	39	39	39
				C.C. U4	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C. U5	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C. U6	-115	-115	-115	-115	-115	-115	-115	-115	-115
				C.C. U7	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U8	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U9	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U10	9	9	9	9	9	9	9	9	9
				C.C. U11	9	9	9	9	9	9	9	9	9
				C.C. U12	15	15	15	15	15	15	15	15	15
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	6007	6007	6007	6007	6007	6007	6007	6007	6007
				C.C.7	7019	7019	7019	7019	7019	7019	7019	7019	7019
				C.C.8	-3964	-3964	-3964	-3964	-3964	-3964	-3964	-3964	-3964
				C.C.9	-2953	-2953	-2953	-2953	-2953	-2953	-2953	-2953	-2953
				C.C.10	2953	2953	2953	2953	2953	2953	2953	2953	2953
				C.C.11	3964	3964	3964	3964	3964	3964	3964	3964	3964
				C.C.12	-7019	-7019	-7019	-7019	-7019	-7019	-7019	-7019	-7019
				C.C.13	-6007	-6007	-6007	-6007	-6007	-6007	-6007	-6007	-6007
				C.C.14	16275	16275	16275	16275	16275	16275	16275	16275	16275
				C.C.15	17880	17880	17880	17880	17880	17880	17880	17880	17880
				C.C.16	15359	15359	15359	15359	15359	15359	15359	15359	15359
				C.C.17	16964	16964	16964	16964	16964	16964	16964	16964	16964
				C.C.18	-16964	-16964	-16964	-16964	-16964	-16964	-16964	-16964	-16964
				C.C.19	-15359	-15359	-15359	-15359	-15359	-15359	-15359	-15359	-15359
				C.C.20	-17880	-17880	-17880	-17880	-17880	-17880	-17880	-17880	-17880
				C.C.21	-16275	-16275	-16275	-16275	-16275	-16275	-16275	-16275	-16275
				C.C. U1	196	196	196	196	196	196	196	196	196
				C.C. U2	196	196	196	196	196	196	196	196	196
				C.C. U3	327	327	327	327	327	327	327	327	327
				C.C. U4	6	6	6	6	6	6	6	6	6
				C.C. U5	6	6	6	6	6	6	6	6	6
				C.C. U6	10	10	10	10	10	10	10	10	10
				C.C. U7	591	591	591	591	591	591	591	591	591
				C.C. U8	591	591	591	591	591	591	591	591	591
				C.C. U9	985	985	985	985	985	985	985	985	985
				C.C. U10	-306	-306	-306	-306	-306	-306	-306	-306	-306
				C.C. U11	-306	-306	-306	-306	-306	-306	-306	-306	-306
				C.C. U12	-509	-509	-509	-509	-509	-509	-509	-509	-509
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	92	92	92	92	92	92	92	92	92
				C.C.2	88	88	88	88	88	88	88	88	88
				C.C.3	96	96	96	96	96	96	96	96	96
				C.C.4	58	58	58	58	58	58	58	58	58
				C.C.5	72	72	72	72	72	72	72	72	72

				C.C.6	2843	2843	2843	2843	2843	2843	2843	2843	2843
				C.C.7	2642	2642	2642	2642	2642	2642	2642	2642	2642
				C.C.8	274	274	274	274	274	274	274	274	274
				C.C.9	74	74	74	74	74	74	74	74	74
				C.C.10	20	20	20	20	20	20	20	20	20
				C.C.11	-180	-180	-180	-180	-180	-180	-180	-180	-180
				C.C.12	-2548	-2548	-2548	-2548	-2548	-2548	-2548	-2548	-2548
				C.C.13	-2749	-2749	-2749	-2749	-2749	-2749	-2749	-2749	-2749
				C.C.14	4910	4910	4910	4910	4910	4910	4910	4910	4910
				C.C.15	4592	4592	4592	4592	4592	4592	4592	4592	4592
				C.C.16	4063	4063	4063	4063	4063	4063	4063	4063	4063
				C.C.17	3745	3745	3745	3745	3745	3745	3745	3745	3745
				C.C.18	-3651	-3651	-3651	-3651	-3651	-3651	-3651	-3651	-3651
				C.C.19	-3969	-3969	-3969	-3969	-3969	-3969	-3969	-3969	-3969
				C.C.20	-4498	-4498	-4498	-4498	-4498	-4498	-4498	-4498	-4498
				C.C.21	-4816	-4816	-4816	-4816	-4816	-4816	-4816	-4816	-4816
				C.C. U1	178	176	174	172	170	169	167	165	163
				C.C. U2	165	163	161	159	157	155	153	152	150
				C.C. U3	230	227	224	221	218	214	211	208	205
				C.C. U4	69	69	69	69	69	69	69	69	69
				C.C. U5	55	55	55	55	55	55	55	55	55
				C.C. U6	48	48	48	48	48	48	48	48	48
				C.C. U7	250	250	250	250	250	250	250	250	250
				C.C. U8	237	237	237	237	237	237	237	237	237
				C.C. U9	350	350	350	350	350	350	350	350	350
				C.C. U10	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C. U11	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C. U12	-158	-158	-158	-158	-158	-158	-158	-158	-158
				C.C. U13	87	87	87	87	87	87	87	87	87
				C.C. U14	74	74	74	74	74	74	74	74	74
<b>19</b>	<b>piano 1</b>	<b>2, 8</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-12641	-12641	-12641	-12641	-12641	-12641	-12641	-12641	-12641
				C.C.7	-11617	-11617	-11617	-11617	-11617	-11617	-11617	-11617	-11617
				C.C.8	-12430	-12430	-12430	-12430	-12430	-12430	-12430	-12430	-12430
				C.C.9	-11407	-11407	-11407	-11407	-11407	-11407	-11407	-11407	-11407
				C.C.10	11407	11407	11407	11407	11407	11407	11407	11407	11407
				C.C.11	12430	12430	12430	12430	12430	12430	12430	12430	12430
				C.C.12	11617	11617	11617	11617	11617	11617	11617	11617	11617
				C.C.13	12641	12641	12641	12641	12641	12641	12641	12641	12641
				C.C.14	-4769	-4769	-4769	-4769	-4769	-4769	-4769	-4769	-4769
				C.C.15	-3146	-3146	-3146	-3146	-3146	-3146	-3146	-3146	-3146
				C.C.16	2445	2445	2445	2445	2445	2445	2445	2445	2445
				C.C.17	4068	4068	4068	4068	4068	4068	4068	4068	4068
				C.C.18	-4068	-4068	-4068	-4068	-4068	-4068	-4068	-4068	-4068
				C.C.19	-2445	-2445	-2445	-2445	-2445	-2445	-2445	-2445	-2445
				C.C.20	3146	3146	3146	3146	3146	3146	3146	3146	3146
				C.C.21	4769	4769	4769	4769	4769	4769	4769	4769	4769
				C.C. U1	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C. U2	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C. U3	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C. U4	152	152	152	152	152	152	152	152	152
				C.C. U5	152	152	152	152	152	152	152	152	152
				C.C. U6	253	253	253	253	253	253	253	253	253
				C.C. U7	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U8	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U9	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U10	9	9	9	9	9	9	9	9	9
				C.C. U11	9	9	9	9	9	9	9	9	9
				C.C. U12	16	16	16	16	16	16	16	16	16
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0

				C.C.6	4011	4011	4011	4011	4011	4011	4011	4011	4011
				C.C.7	3007	3007	3007	3007	3007	3007	3007	3007	3007
				C.C.8	-5948	-5948	-5948	-5948	-5948	-5948	-5948	-5948	-5948
				C.C.9	-6953	-6953	-6953	-6953	-6953	-6953	-6953	-6953	-6953
				C.C.10	6953	6953	6953	6953	6953	6953	6953	6953	6953
				C.C.11	5948	5948	5948	5948	5948	5948	5948	5948	5948
				C.C.12	-3007	-3007	-3007	-3007	-3007	-3007	-3007	-3007	-3007
				C.C.13	-4011	-4011	-4011	-4011	-4011	-4011	-4011	-4011	-4011
				C.C.14	16955	16955	16955	16955	16955	16955	16955	16955	16955
				C.C.15	15361	15361	15361	15361	15361	15361	15361	15361	15361
				C.C.16	17837	17837	17837	17837	17837	17837	17837	17837	17837
				C.C.17	16244	16244	16244	16244	16244	16244	16244	16244	16244
				C.C.18	-16244	-16244	-16244	-16244	-16244	-16244	-16244	-16244	-16244
				C.C.19	-17837	-17837	-17837	-17837	-17837	-17837	-17837	-17837	-17837
				C.C.20	-15361	-15361	-15361	-15361	-15361	-15361	-15361	-15361	-15361
				C.C.21	-16955	-16955	-16955	-16955	-16955	-16955	-16955	-16955	-16955
				C.C. U1	299	299	299	299	299	299	299	299	299
				C.C. U2	299	299	299	299	299	299	299	299	299
				C.C. U3	498	498	498	498	498	498	498	498	498
				C.C. U4	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U5	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U6	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U7	590	590	590	590	590	590	590	590	590
				C.C. U8	590	590	590	590	590	590	590	590	590
				C.C. U9	984	984	984	984	984	984	984	984	984
				C.C. U10	-306	-306	-306	-306	-306	-306	-306	-306	-306
				C.C. U11	-306	-306	-306	-306	-306	-306	-306	-306	-306
				C.C. U12	-510	-510	-510	-510	-510	-510	-510	-510	-510
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	210	210	210	210	210	210	210	210	210
				C.C.2	205	205	205	205	205	205	205	205	205
				C.C.3	215	215	215	215	215	215	215	215	215
				C.C.4	134	134	134	134	134	134	134	134	134
				C.C.5	150	150	150	150	150	150	150	150	150
				C.C.6	453	453	453	453	453	453	453	453	453
				C.C.7	448	448	448	448	448	448	448	448	448
				C.C.8	1772	1772	1772	1772	1772	1772	1772	1772	1772
				C.C.9	1766	1766	1766	1766	1766	1766	1766	1766	1766
				C.C.10	-1560	-1560	-1560	-1560	-1560	-1560	-1560	-1560	-1560
				C.C.11	-1566	-1566	-1566	-1566	-1566	-1566	-1566	-1566	-1566
				C.C.12	-242	-242	-242	-242	-242	-242	-242	-242	-242
				C.C.13	-247	-247	-247	-247	-247	-247	-247	-247	-247
				C.C.14	-1788	-1788	-1788	-1788	-1788	-1788	-1788	-1788	-1788
				C.C.15	-1797	-1797	-1797	-1797	-1797	-1797	-1797	-1797	-1797
				C.C.16	-2392	-2392	-2392	-2392	-2392	-2392	-2392	-2392	-2392
				C.C.17	-2401	-2401	-2401	-2401	-2401	-2401	-2401	-2401	-2401
				C.C.18	2607	2607	2607	2607	2607	2607	2607	2607	2607
				C.C.19	2598	2598	2598	2598	2598	2598	2598	2598	2598
				C.C.20	2003	2003	2003	2003	2003	2003	2003	2003	2003
				C.C.21	1994	1994	1994	1994	1994	1994	1994	1994	1994
				C.C. U1	140	140	140	140	140	140	140	140	140
				C.C. U2	111	111	111	111	111	111	111	111	111
				C.C. U3	79	79	79	79	79	79	79	79	79
				C.C. U4	199	199	199	199	199	199	199	199	199
				C.C. U5	170	170	170	170	170	170	170	170	170
				C.C. U6	176	176	176	176	176	176	176	176	176
				C.C. U7	29	28	28	27	27	26	26	25	24
				C.C. U8	0	0	-1	-1	-2	-2	-3	-4	-5
				C.C. U9	-107	-108	-108	-109	-110	-111	-112	-113	-115
				C.C. U10	340	340	340	340	340	340	340	340	340
				C.C. U11	311	311	311	311	311	311	311	311	311
				C.C. U12	412	412	412	412	412	412	412	412	412
				C.C. U13	202	202	202	202	202	202	202	202	202
				C.C. U14	173	173	173	173	173	173	173	173	173
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	213	213	213	213	213	213	213	213	213
				C.C.2	208	208	208	208	208	208	208	208	208
				C.C.3	218	218	218	218	218	218	218	218	218
				C.C.4	136	136	136	136	136	136	136	136	136
				C.C.5	153	153	153	153	153	153	153	153	153

				C.C.6	-1573	-1573	-1573	-1573	-1573	-1573	-1573	-1573	-1573
				C.C.7	-1566	-1566	-1566	-1566	-1566	-1566	-1566	-1566	-1566
				C.C.8	-252	-252	-252	-252	-252	-252	-252	-252	-252
				C.C.9	-245	-245	-245	-245	-245	-245	-245	-245	-245
				C.C.10	455	455	455	455	455	455	455	455	455
				C.C.11	461	461	461	461	461	461	461	461	461
				C.C.12	1776	1776	1776	1776	1776	1776	1776	1776	1776
				C.C.13	1782	1782	1782	1782	1782	1782	1782	1782	1782
				C.C.14	-2406	-2406	-2406	-2406	-2406	-2406	-2406	-2406	-2406
				C.C.15	-2396	-2396	-2396	-2396	-2396	-2396	-2396	-2396	-2396
				C.C.16	-1797	-1797	-1797	-1797	-1797	-1797	-1797	-1797	-1797
				C.C.17	-1788	-1788	-1788	-1788	-1788	-1788	-1788	-1788	-1788
				C.C.18	1997	1997	1997	1997	1997	1997	1997	1997	1997
				C.C.19	2007	2007	2007	2007	2007	2007	2007	2007	2007
				C.C.20	2606	2606	2606	2606	2606	2606	2606	2606	2606
				C.C.21	2616	2616	2616	2616	2616	2616	2616	2616	2616
				C.C. U1	140	140	140	139	139	138	137	137	136
				C.C. U2	112	111	111	110	110	109	109	108	107
				C.C. U3	77	76	76	75	74	73	72	70	69
				C.C. U4	222	222	222	222	222	222	222	222	222
				C.C. U5	193	193	193	193	193	193	193	193	193
				C.C. U6	213	213	213	213	213	213	213	213	213
				C.C. U7	32	31	31	31	30	29	29	28	27
				C.C. U8	3	3	2	2	1	1	0	-1	-2
				C.C. U9	-104	-105	-106	-106	-107	-108	-109	-111	-112
				C.C. U10	343	343	343	343	343	343	343	343	343
				C.C. U11	314	314	314	314	314	314	314	314	314
				C.C. U12	415	415	415	415	415	415	415	415	415
				C.C. U13	205	205	205	205	205	205	205	205	205
				C.C. U14	176	176	176	176	176	176	176	176	176
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	81	81	81	81	81	81	81	81	81
				C.C.2	84	84	84	84	84	84	84	84	84
				C.C.3	78	78	78	78	78	78	78	78	78
				C.C.4	57	57	57	57	57	57	57	57	57
				C.C.5	48	48	48	48	48	48	48	48	48
				C.C.6	900	900	900	900	900	900	900	900	900
				C.C.7	901	901	901	901	901	901	901	901	901
				C.C.8	-820	-820	-820	-820	-820	-820	-820	-820	-820
				C.C.9	-819	-819	-819	-819	-819	-819	-819	-819	-819
				C.C.10	900	900	900	900	900	900	900	900	900
				C.C.11	900	900	900	900	900	900	900	900	900
				C.C.12	-820	-820	-820	-820	-820	-820	-820	-820	-820
				C.C.13	-819	-819	-819	-819	-819	-819	-819	-819	-819
				C.C.14	2906	2906	2906	2906	2906	2906	2906	2906	2906
				C.C.15	2908	2908	2908	2908	2908	2908	2908	2908	2908
				C.C.16	2906	2906	2906	2906	2906	2906	2906	2906	2906
				C.C.17	2907	2907	2907	2907	2907	2907	2907	2907	2907
				C.C.18	-2826	-2826	-2826	-2826	-2826	-2826	-2826	-2826	-2826
				C.C.19	-2825	-2825	-2825	-2825	-2825	-2825	-2825	-2825	-2825
				C.C.20	-2827	-2827	-2827	-2827	-2827	-2827	-2827	-2827	-2827
				C.C.21	-2825	-2825	-2825	-2825	-2825	-2825	-2825	-2825	-2825
				C.C. U1	94	94	94	94	94	94	94	94	94
				C.C. U2	74	74	74	74	74	74	74	74	74
				C.C. U3	102	102	102	102	102	102	102	102	102
				C.C. U4	46	46	46	46	46	46	46	46	46
				C.C. U5	26	26	26	26	26	26	26	26	26
				C.C. U6	21	21	21	21	21	21	21	21	21
				C.C. U7	121	121	121	121	121	121	121	121	121
				C.C. U8	102	102	102	102	102	102	102	102	102
				C.C. U9	147	147	147	147	147	147	147	147	147
				C.C. U10	21	21	21	21	21	21	21	21	21
				C.C. U11	1	1	1	1	1	1	1	1	1
				C.C. U12	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U13	70	70	70	70	70	70	70	70	70
				C.C. U14	50	50	50	50	50	50	50	50	50
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0



				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	20748	20748	20748	20748	20748	20748	20748	20748	20748
				C.C.7	20170	20170	20170	20170	20170	20170	20170	20170	20170
				C.C.8	23729	23729	23729	23729	23729	23729	23729	23729	23729
				C.C.9	23151	23151	23151	23151	23151	23151	23151	23151	23151
				C.C.10	-23151	-23151	-23151	-23151	-23151	-23151	-23151	-23151	-23151
				C.C.11	-23729	-23729	-23729	-23729	-23729	-23729	-23729	-23729	-23729
				C.C.12	-20170	-20170	-20170	-20170	-20170	-20170	-20170	-20170	-20170
				C.C.13	-20748	-20748	-20748	-20748	-20748	-20748	-20748	-20748	-20748
				C.C.14	2075	2075	2075	2075	2075	2075	2075	2075	2075
				C.C.15	1158	1158	1158	1158	1158	1158	1158	1158	1158
				C.C.16	-11094	-11094	-11094	-11094	-11094	-11094	-11094	-11094	-11094
				C.C.17	-12012	-12012	-12012	-12012	-12012	-12012	-12012	-12012	-12012
				C.C.18	12012	12012	12012	12012	12012	12012	12012	12012	12012
				C.C.19	11094	11094	11094	11094	11094	11094	11094	11094	11094
				C.C.20	-1158	-1158	-1158	-1158	-1158	-1158	-1158	-1158	-1158
				C.C.21	-2075	-2075	-2075	-2075	-2075	-2075	-2075	-2075	-2075
				C.C. U1	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C. U2	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C. U3	-122	-122	-122	-122	-122	-122	-122	-122	-122
				C.C. U4	-175	-175	-175	-175	-175	-175	-175	-175	-175
				C.C. U5	-175	-175	-175	-175	-175	-175	-175	-175	-175
				C.C. U6	-291	-291	-291	-291	-291	-291	-291	-291	-291
				C.C. U7	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C. U8	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C. U9	-148	-148	-148	-148	-148	-148	-148	-148	-148
				C.C. U10	84	84	84	84	84	84	84	84	84
				C.C. U11	84	84	84	84	84	84	84	84	84
				C.C. U12	139	139	139	139	139	139	139	139	139
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
<b>25</b>	<b>piano 1</b>	<b>6, 10</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-23700	-23700	-23700	-23700	-23700	-23700	-23700	-23700	-23700
				C.C.7	-23124	-23124	-23124	-23124	-23124	-23124	-23124	-23124	-23124
				C.C.8	-20775	-20775	-20775	-20775	-20775	-20775	-20775	-20775	-20775
				C.C.9	-20200	-20200	-20200	-20200	-20200	-20200	-20200	-20200	-20200
				C.C.10	20200	20200	20200	20200	20200	20200	20200	20200	20200
				C.C.11	20775	20775	20775	20775	20775	20775	20775	20775	20775
				C.C.12	23124	23124	23124	23124	23124	23124	23124	23124	23124
				C.C.13	23700	23700	23700	23700	23700	23700	23700	23700	23700
				C.C.14	-11916	-11916	-11916	-11916	-11916	-11916	-11916	-11916	-11916
				C.C.15	-11002	-11002	-11002	-11002	-11002	-11002	-11002	-11002	-11002
				C.C.16	1254	1254	1254	1254	1254	1254	1254	1254	1254
				C.C.17	2167	2167	2167	2167	2167	2167	2167	2167	2167
				C.C.18	-2167	-2167	-2167	-2167	-2167	-2167	-2167	-2167	-2167
				C.C.19	-1254	-1254	-1254	-1254	-1254	-1254	-1254	-1254	-1254
				C.C.20	11002	11002	11002	11002	11002	11002	11002	11002	11002
				C.C.21	11916	11916	11916	11916	11916	11916	11916	11916	11916
				C.C. U1	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U2	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U3	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U4	257	257	257	257	257	257	257	257	257
				C.C. U5	257	257	257	257	257	257	257	257	257
				C.C. U6	428	428	428	428	428	428	428	428	428
				C.C. U7	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C. U8	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C. U9	-148	-148	-148	-148	-148	-148	-148	-148	-148
				C.C. U10	84	84	84	84	84	84	84	84	84
				C.C. U11	84	84	84	84	84	84	84	84	84
				C.C. U12	139	139	139	139	139	139	139	139	139
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
<b>26</b>	<b>piano 1</b>	<b>1</b>	<b>400.00</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	-3928	-4220	-4513	-4805	-5098	-	-	-	-
				C.C.2	-3931	-4224	-4516	-4809	-5101	-	-	-	-
				C.C.3	-3924	-4217	-4509	-4802	-5094	-	-	-	-

				C.C.4	-2952	-3244	-3537	-3829	-4122	-	-	-	-
				C.C.5	-2940	-3232	-3525	-3817	-4110	-	-	-	-
				C.C.6	-2169	-2394	-2619	-2844	-3069	-	-	-	-
				C.C.7	-2098	-2323	-2548	-2773	-2998	-	-	-	-
				C.C.8	-2815	-3040	-3265	-3490	-3715	-	-	-	-
				C.C.9	-2744	-2969	-3194	-3419	-3644	-	-	-	-
				C.C.10	-1520	-1745	-1970	-2195	-2420	-	-	-	-
				C.C.11	-1448	-1673	-1898	-2123	-2348	-	-	-	-
				C.C.12	-2166	-2391	-2616	-2841	-3066	-	-	-	-
				C.C.13	-2094	-2319	-2544	-2769	-2994	-	-	-	-
				C.C.14	-1209	-1434	-1659	-1884	-2109	-	-	-	-
				C.C.15	-1096	-1321	-1546	-1771	-1996	-	-	-	-
				C.C.16	-1014	-1239	-1464	-1689	-1914	-	-	-	-
				C.C.17	-901	-1126	-1351	-1576	-1801	-	-	-	-
				C.C.18	-3363	-3588	-3813	-4038	-4263	-	-	-	-
				C.C.19	-3249	-3474	-3699	-3924	-4149	-	-	-	-
				C.C.20	-3168	-3393	-3618	-3843	-4068	-	-	-	-
				C.C.21	-3054	-3279	-3504	-3729	-3954	-	-	-	-
				C.C. U1	-3990	-4282	-4575	-4867	-5160	-	-	-	-
				C.C. U2	-3770	-4063	-4355	-4648	-4940	-	-	-	-
				C.C. U3	-3686	-3979	-4271	-4564	-4856	-	-	-	-
				C.C. U4	-4005	-4298	-4590	-4883	-5175	-	-	-	-
				C.C. U5	-3786	-4078	-4371	-4663	-4956	-	-	-	-
				C.C. U6	-3712	-4005	-4297	-4590	-4882	-	-	-	-
				C.C. U7	-3960	-4253	-4545	-4838	-5130	-	-	-	-
				C.C. U8	-3741	-4033	-4326	-4618	-4911	-	-	-	-
				C.C. U9	-3637	-3929	-4222	-4514	-4807	-	-	-	-
				C.C. U10	-4015	-4308	-4600	-4893	-5185	-	-	-	-
				C.C. U11	-3796	-4088	-4381	-4673	-4966	-	-	-	-
				C.C. U12	-3729	-4021	-4314	-4606	-4899	-	-	-	-
				C.C. U13	-4003	-4295	-4588	-4880	-5173	-	-	-	-
				C.C. U14	-3784	-4076	-4369	-4661	-4954	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-3920	-4213	-4505	-4798	-5090	-	-	-	-
				C.C.2	-3924	-4216	-4509	-4801	-5094	-	-	-	-
				C.C.3	-3917	-4209	-4502	-4794	-5087	-	-	-	-
				C.C.4	-2946	-3239	-3531	-3824	-4116	-	-	-	-
				C.C.5	-2934	-3227	-3519	-3812	-4104	-	-	-	-
				C.C.6	-1447	-1672	-1897	-2122	-2347	-	-	-	-
				C.C.7	-1519	-1744	-1969	-2194	-2419	-	-	-	-
				C.C.8	-2098	-2323	-2548	-2773	-2998	-	-	-	-
				C.C.9	-2169	-2394	-2619	-2844	-3069	-	-	-	-
				C.C.10	-2086	-2311	-2536	-2761	-2986	-	-	-	-
				C.C.11	-2158	-2383	-2608	-2833	-3058	-	-	-	-
				C.C.12	-2736	-2961	-3186	-3411	-3636	-	-	-	-
				C.C.13	-2808	-3033	-3258	-3483	-3708	-	-	-	-
				C.C.14	-891	-1116	-1341	-1566	-1791	-	-	-	-
				C.C.15	-1004	-1229	-1454	-1679	-1904	-	-	-	-
				C.C.16	-1083	-1308	-1533	-1758	-1983	-	-	-	-
				C.C.17	-1196	-1421	-1646	-1871	-2096	-	-	-	-
				C.C.18	-3059	-3284	-3509	-3734	-3959	-	-	-	-
				C.C.19	-3172	-3397	-3622	-3847	-4072	-	-	-	-
				C.C.20	-3251	-3476	-3701	-3926	-4151	-	-	-	-
				C.C.21	-3364	-3589	-3814	-4039	-4264	-	-	-	-
				C.C. U1	-3988	-4280	-4573	-4865	-5158	-	-	-	-
				C.C. U2	-3769	-4061	-4354	-4646	-4939	-	-	-	-
				C.C. U3	-3688	-3981	-4273	-4566	-4858	-	-	-	-
				C.C. U4	-3996	-4289	-4581	-4874	-5166	-	-	-	-
				C.C. U5	-3778	-4070	-4363	-4655	-4948	-	-	-	-
				C.C. U6	-3703	-3996	-4288	-4581	-4873	-	-	-	-
				C.C. U7	-3952	-4244	-4537	-4829	-5122	-	-	-	-
				C.C. U8	-3733	-4026	-4318	-4611	-4903	-	-	-	-
				C.C. U9	-3629	-3922	-4214	-4507	-4799	-	-	-	-
				C.C. U10	-4008	-4300	-4593	-4885	-5178	-	-	-	-
				C.C. U11	-3789	-4081	-4374	-4666	-4959	-	-	-	-
				C.C. U12	-3722	-4015	-4307	-4600	-4892	-	-	-	-
				C.C. U13	-3995	-4288	-4580	-4873	-5165	-	-	-	-
				C.C. U14	-3776	-4069	-4361	-4654	-4946	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2680	-2973	-3265	-3558	-3850	-	-	-	-

				C.C.2	-2677	-2969	-3262	-3554	-3847	-	-	-	-
				C.C.3	-2684	-2976	-3269	-3561	-3854	-	-	-	-
				C.C.4	-2132	-2424	-2717	-3009	-3302	-	-	-	-
				C.C.5	-2144	-2436	-2729	-3021	-3314	-	-	-	-
				C.C.6	408	183	-42	-267	-492	-	-	-	-
				C.C.7	578	353	128	-97	-322	-	-	-	-
				C.C.8	-1026	-1251	-1476	-1701	-1926	-	-	-	-
				C.C.9	-857	-1082	-1307	-1532	-1757	-	-	-	-
				C.C.10	-2198	-2423	-2648	-2873	-3098	-	-	-	-
				C.C.11	-2029	-2254	-2479	-2704	-2929	-	-	-	-
				C.C.12	-3633	-3858	-4083	-4308	-4533	-	-	-	-
				C.C.13	-3463	-3688	-3913	-4138	-4363	-	-	-	-
				C.C.14	1120	895	670	445	220	-	-	-	-
				C.C.15	1389	1164	939	714	489	-	-	-	-
				C.C.16	338	113	-112	-337	-562	-	-	-	-
				C.C.17	607	382	157	-68	-293	-	-	-	-
				C.C.18	-3662	-3887	-4112	-4337	-4562	-	-	-	-
				C.C.19	-3393	-3618	-3843	-4068	-4293	-	-	-	-
				C.C.20	-4444	-4669	-4894	-5119	-5344	-	-	-	-
				C.C.21	-4174	-4399	-4624	-4849	-5074	-	-	-	-
				C.C. U1	-2774	-3067	-3359	-3652	-3944	-	-	-	-
				C.C. U2	-2721	-3014	-3306	-3599	-3891	-	-	-	-
				C.C. U3	-2601	-2894	-3186	-3479	-3771	-	-	-	-
				C.C. U4	-2793	-3085	-3378	-3670	-3963	-	-	-	-
				C.C. U5	-2740	-3032	-3325	-3617	-3910	-	-	-	-
				C.C. U6	-2632	-2924	-3217	-3509	-3802	-	-	-	-
				C.C. U7	-2775	-3067	-3360	-3652	-3945	-	-	-	-
				C.C. U8	-2722	-3014	-3307	-3599	-3892	-	-	-	-
				C.C. U9	-2602	-2895	-3187	-3480	-3772	-	-	-	-
				C.C. U10	-2871	-3163	-3456	-3748	-4041	-	-	-	-
				C.C. U11	-2818	-3110	-3403	-3695	-3988	-	-	-	-
				C.C. U12	-2762	-3055	-3347	-3640	-3932	-	-	-	-
				C.C. U13	-2790	-3082	-3375	-3667	-3960	-	-	-	-
				C.C. U14	-2737	-3029	-3322	-3614	-3907	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2722	-3014	-3307	-3599	-3892	-	-	-	-
				C.C.2	-2718	-3011	-3303	-3596	-3888	-	-	-	-
				C.C.3	-2725	-3018	-3310	-3603	-3895	-	-	-	-
				C.C.4	-2165	-2457	-2750	-3042	-3335	-	-	-	-
				C.C.5	-2177	-2469	-2762	-3054	-3347	-	-	-	-
				C.C.6	-2056	-2281	-2506	-2731	-2956	-	-	-	-
				C.C.7	-2223	-2448	-2673	-2898	-3123	-	-	-	-
				C.C.8	-3480	-3705	-3930	-4155	-4380	-	-	-	-
				C.C.9	-3648	-3873	-4098	-4323	-4548	-	-	-	-
				C.C.10	545	320	95	-130	-355	-	-	-	-
				C.C.11	377	152	-73	-298	-523	-	-	-	-
				C.C.12	-880	-1105	-1330	-1555	-1780	-	-	-	-
				C.C.13	-1047	-1272	-1497	-1722	-1947	-	-	-	-
				C.C.14	565	340	115	-110	-335	-	-	-	-
				C.C.15	300	75	-150	-375	-600	-	-	-	-
				C.C.16	1346	1121	896	671	446	-	-	-	-
				C.C.17	1080	855	630	405	180	-	-	-	-
				C.C.18	-4183	-4408	-4633	-4858	-5083	-	-	-	-
				C.C.19	-4449	-4674	-4899	-5124	-5349	-	-	-	-
				C.C.20	-3403	-3628	-3853	-4078	-4303	-	-	-	-
				C.C.21	-3669	-3894	-4119	-4344	-4569	-	-	-	-
				C.C. U1	-2795	-3088	-3380	-3673	-3965	-	-	-	-
				C.C. U2	-2741	-3033	-3326	-3618	-3911	-	-	-	-
				C.C. U3	-2606	-2898	-3191	-3483	-3776	-	-	-	-
				C.C. U4	-2812	-3104	-3397	-3689	-3982	-	-	-	-
				C.C. U5	-2757	-3050	-3342	-3635	-3927	-	-	-	-
				C.C. U6	-2634	-2926	-3219	-3511	-3804	-	-	-	-
				C.C. U7	-2818	-3111	-3403	-3696	-3988	-	-	-	-
				C.C. U8	-2763	-3056	-3348	-3641	-3933	-	-	-	-
				C.C. U9	-2644	-2936	-3229	-3521	-3814	-	-	-	-
				C.C. U10	-2912	-3205	-3497	-3790	-4082	-	-	-	-
				C.C. U11	-2857	-3150	-3442	-3735	-4027	-	-	-	-
				C.C. U12	-2800	-3093	-3385	-3678	-3970	-	-	-	-
				C.C. U13	-2832	-3124	-3417	-3709	-4002	-	-	-	-
				C.C. U14	-2777	-3069	-3362	-3654	-3947	-	-	-	-
30	piano 1	5	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-6673	-7112	-7550	-7989	-8428	-	-	-	-
				C.C.2	-6673	-7112	-7550	-7989	-8428	-	-	-	-
				C.C.3	-6673	-7112	-7550	-7989	-8428	-	-	-	-
				C.C.4	-4561	-5000	-5438	-5877	-6316	-	-	-	-
				C.C.5	-4561	-5000	-5438	-5877	-6316	-	-	-	-
				C.C.6	-4506	-4844	-5181	-5519	-5856	-	-	-	-
				C.C.7	-4801	-5138	-5476	-5813	-6151	-	-	-	-
				C.C.8	-2403	-2740	-3078	-3415	-3753	-	-	-	-
				C.C.9	-2697	-3035	-3372	-3710	-4047	-	-	-	-
				C.C.10	-3975	-4312	-4650	-4987	-5325	-	-	-	-
				C.C.11	-4269	-4607	-4944	-5282	-5619	-	-	-	-
				C.C.12	-1871	-2209	-2546	-2884	-3221	-	-	-	-
				C.C.13	-2166	-2503	-2841	-3178	-3516	-	-	-	-
				C.C.14	-6688	-7026	-7363	-7701	-8038	-	-	-	-
				C.C.15	-7156	-7493	-7831	-8168	-8506	-	-	-	-
				C.C.16	-6529	-6866	-7204	-7541	-7879	-	-	-	-
				C.C.17	-6996	-7334	-7671	-8009	-8346	-	-	-	-
				C.C.18	324	-13	-351	-688	-1026	-	-	-	-
				C.C.19	-143	-480	-818	-1155	-1493	-	-	-	-
				C.C.20	484	146	-191	-529	-866	-	-	-	-
				C.C.21	16	-321	-659	-996	-1334	-	-	-	-
				C.C. U1	-6817	-7256	-7694	-8133	-8572	-	-	-	-
				C.C. U2	-6297	-6736	-7175	-7613	-8052	-	-	-	-
				C.C. U3	-6203	-6642	-7081	-7520	-7958	-	-	-	-
				C.C. U4	-6801	-7240	-7679	-8118	-8556	-	-	-	-
				C.C. U5	-6281	-6720	-7159	-7598	-8036	-	-	-	-
				C.C. U6	-6177	-6616	-7055	-7494	-7932	-	-	-	-
				C.C. U7	-6845	-7283	-7722	-8161	-8600	-	-	-	-
				C.C. U8	-6325	-6764	-7202	-7641	-8080	-	-	-	-
				C.C. U9	-6250	-6688	-7127	-7566	-8005	-	-	-	-
				C.C. U10	-6693	-7132	-7571	-8010	-8448	-	-	-	-
				C.C. U11	-6174	-6612	-7051	-7490	-7929	-	-	-	-
				C.C. U12	-5998	-6436	-6875	-7314	-7753	-	-	-	-
				C.C. U13	-6787	-7226	-7664	-8103	-8542	-	-	-	-
				C.C. U14	-6267	-6706	-7144	-7583	-8022	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-6635	-7074	-7513	-7951	-8390	-	-	-	-
				C.C.2	-6635	-7074	-7513	-7951	-8390	-	-	-	-
				C.C.3	-6635	-7074	-7513	-7951	-8390	-	-	-	-
				C.C.4	-4530	-4969	-5408	-5846	-6285	-	-	-	-
				C.C.5	-4530	-4969	-5408	-5846	-6285	-	-	-	-
				C.C.6	-4242	-4579	-4917	-5254	-5592	-	-	-	-
				C.C.7	-3950	-4287	-4625	-4962	-5300	-	-	-	-
				C.C.8	-2148	-2486	-2823	-3161	-3498	-	-	-	-
				C.C.9	-1856	-2194	-2531	-2869	-3206	-	-	-	-
				C.C.10	-4771	-5108	-5446	-5783	-6121	-	-	-	-
				C.C.11	-4479	-4816	-5154	-5491	-5829	-	-	-	-
				C.C.12	-2678	-3015	-3353	-3690	-4028	-	-	-	-
				C.C.13	-2386	-2723	-3061	-3398	-3736	-	-	-	-
				C.C.14	-6954	-7292	-7629	-7967	-8304	-	-	-	-
				C.C.15	-6491	-6829	-7166	-7504	-7841	-	-	-	-
				C.C.16	-7113	-7451	-7788	-8126	-8463	-	-	-	-
				C.C.17	-6650	-6988	-7325	-7663	-8000	-	-	-	-
				C.C.18	23	-315	-652	-990	-1327	-	-	-	-
				C.C.19	486	148	-189	-527	-864	-	-	-	-
				C.C.20	-136	-474	-811	-1149	-1486	-	-	-	-
				C.C.21	327	-10	-348	-685	-1023	-	-	-	-
				C.C. U1	-6791	-7230	-7669	-8108	-8546	-	-	-	-
				C.C. U2	-6273	-6712	-7151	-7589	-8028	-	-	-	-
				C.C. U3	-6188	-6627	-7066	-7505	-7943	-	-	-	-
				C.C. U4	-6747	-7186	-7625	-8064	-8502	-	-	-	-
				C.C. U5	-6229	-6668	-7107	-7545	-7984	-	-	-	-
				C.C. U6	-6115	-6554	-6993	-7432	-7870	-	-	-	-
				C.C. U7	-6805	-7244	-7683	-8122	-8560	-	-	-	-
				C.C. U8	-6287	-6726	-7165	-7603	-8042	-	-	-	-
				C.C. U9	-6212	-6651	-7089	-7528	-7967	-	-	-	-
				C.C. U10	-6656	-7094	-7533	-7972	-8411	-	-	-	-
				C.C. U11	-6137	-6576	-7015	-7454	-7892	-	-	-	-
				C.C. U12	-5962	-6401	-6840	-7278	-7717	-	-	-	-
				C.C. U13	-6748	-7187	-7626	-8065	-8503	-	-	-	-

				C.C. U14	-6230	-6669	-7108	-7546	-7985	-	-	-	-
--	--	--	--	----------	-------	-------	-------	-------	-------	---	---	---	---

#### 4.3.2 Sforzo Normale - Combinazioni SLD.

I prospetti seguenti riportano i valori dello sforzo normale (N) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 54.I

Sforzo Normale (N) [daN] - Combinazioni SLD													
Asta	Imp.	Fili	L [cm]	Comb.	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	N <sub>4</sub>	N <sub>5</sub>	N <sub>6</sub>	N <sub>7</sub>	N <sub>8</sub>	N <sub>9</sub>
<b>1</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	16	16	16	16	16	16	16	16	16
				C.C.2	1234	1229	1225	1220	1216	1212	1209	1205	1202
				C.C.3	-1202	-1197	-1193	-1188	-1184	-1180	-1177	-1174	-1171
				C.C.4	2044	2035	2027	2020	2013	2006	2001	1995	1990
				C.C.5	-2018	-2009	-2001	-1994	-1987	-1981	-1975	-1970	-1965
				C.C.6	-119	-111	-104	-96	-90	-89	-87	-86	-85
				C.C.7	-96	-89	-83	-76	-71	-70	-69	-69	-68
				C.C.8	-139	-132	-124	-117	-111	-109	-108	-106	-105
				C.C.9	-117	-110	-103	-97	-91	-90	-89	-89	-89
				C.C.10	142	135	129	122	117	116	115	114	114
				C.C.11	165	157	150	142	136	135	133	132	131
				C.C.12	122	115	108	102	97	96	95	94	94
				C.C.13	144	137	129	122	116	114	113	112	110
				C.C.14	-10	-7	-5	-2	0	1	2	3	3
				C.C.15	26	27	29	30	31	31	30	30	30
				C.C.16	68	67	65	64	62	62	63	63	63
				C.C.17	104	101	99	96	93	92	91	90	89
				C.C.18	-79	-76	-73	-70	-68	-67	-66	-65	-64
				C.C.19	-43	-41	-39	-38	-37	-37	-37	-37	-38
				C.C.20	0	-2	-3	-5	-6	-5	-5	-4	-4
				C.C.21	36	33	30	28	25	25	24	23	22
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	58	54	52	49	47	46	45	44	44
				C.C.3	-32	-29	-26	-24	-22	-20	-19	-19	-18
				C.C.4	85	80	75	71	68	65	64	63	62
				C.C.5	-64	-59	-54	-51	-47	-45	-43	-42	-42
				C.C.6	-42	-32	-22	-13	-4	-2	-2	49	52
				C.C.7	-35	-26	-17	-8	-1	0	-1	50	52
				C.C.8	-68	-58	-48	-38	-30	-28	-28	23	27
				C.C.9	-61	-52	-43	-34	-26	-26	-26	24	26
				C.C.10	82	72	63	54	47	46	47	-3	-6
				C.C.11	89	79	68	59	50	49	48	-3	-6
				C.C.12	56	46	37	29	21	21	21	-29	-31
				C.C.13	63	53	43	33	24	23	23	-29	-32
				C.C.14	29	33	36	40	43	44	45	61	62
				C.C.15	41	43	45	47	48	48	47	61	61
				C.C.16	66	64	62	60	58	58	59	45	45
				C.C.17	78	74	70	67	63	62	62	46	44
				C.C.18	-57	-53	-50	-46	-43	-42	-41	-25	-23
				C.C.19	-46	-44	-41	-39	-38	-38	-39	-24	-24
				C.C.20	-20	-22	-24	-26	-28	-27	-26	-41	-41
				C.C.21	-9	-12	-16	-19	-22	-23	-24	-40	-42
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	12	12	12	12	12	12	12	12	12
				C.C.2	24	24	25	26	28	30	32	35	38
				C.C.3	0	0	-1	-2	-3	-5	-7	-10	-13
				C.C.4	30	30	31	33	35	39	43	47	52
				C.C.5	-10	-11	-12	-14	-16	-19	-23	-28	-33
				C.C.6	-9	-5	-3	46	47	55	65	75	85
				C.C.7	-9	-6	-5	43	44	50	59	68	77
				C.C.8	-31	-27	-25	24	26	33	43	53	63
				C.C.9	-31	-28	-27	22	22	29	37	47	56
				C.C.10	50	48	46	-2	-3	-9	-18	-27	-36
				C.C.11	50	47	44	-5	-6	-14	-24	-34	-44
				C.C.12	28	26	24	-24	-24	-31	-39	-48	-58
				C.C.13	28	25	23	-27	-28	-35	-45	-55	-65
				C.C.14	37	39	40	55	56	59	62	66	69

				C.C.15	37	37	37	51	50	52	53	55	57
				C.C.16	55	55	55	41	41	40	38	35	33
				C.C.17	55	53	52	36	35	32	29	25	21
				C.C.18	-36	-34	-32	-17	-16	-13	-9	-5	-2
				C.C.19	-35	-35	-35	-21	-22	-20	-18	-16	-14
				C.C.20	-18	-18	-18	-31	-31	-32	-34	-36	-38
				C.C.21	-18	-19	-21	-36	-37	-39	-43	-46	-50
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	16	16	16	16	16	16	16	16	16
				C.C.2	1225	1227	1231	1234	1238	1242	1247	1251	1256
				C.C.3	-1193	-1196	-1199	-1202	-1206	-1210	-1215	-1219	-1225
				C.C.4	2027	2032	2037	2043	2050	2057	2064	2072	2080
				C.C.5	-2002	-2006	-2012	-2018	-2024	-2031	-2038	-2046	-2055
				C.C.6	125	126	127	128	130	135	142	150	157
				C.C.7	110	110	111	111	112	116	123	130	136
				C.C.8	107	108	109	111	112	117	124	132	139
				C.C.9	92	92	93	94	95	99	105	112	119
				C.C.10	-66	-67	-67	-68	-69	-73	-79	-86	-93
				C.C.11	-81	-82	-83	-85	-87	-91	-99	-106	-114
				C.C.12	-84	-85	-85	-86	-87	-91	-97	-104	-111
				C.C.13	-99	-100	-101	-103	-104	-109	-117	-124	-131
				C.C.14	83	84	85	86	86	88	91	94	96
				C.C.15	60	59	59	59	58	59	60	62	63
				C.C.16	26	26	26	27	27	26	24	23	21
				C.C.17	3	2	1	0	-1	-3	-6	-9	-12
				C.C.18	23	24	25	26	27	29	32	35	37
				C.C.19	0	-1	-1	-1	-1	0	1	3	4
				C.C.20	-34	-34	-33	-33	-33	-33	-35	-36	-38
				C.C.21	-58	-58	-59	-60	-61	-63	-65	-68	-71
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.2	1549	1545	1541	1537	1534	1531	1529	1526	1524
				C.C.3	-1582	-1578	-1574	-1571	-1568	-1565	-1562	-1560	-1558
				C.C.4	2597	2590	2584	2578	2573	2568	2564	2560	2557
				C.C.5	-2621	-2614	-2608	-2602	-2597	-2592	-2588	-2584	-2581
				C.C.6	-22	-21	-21	-20	-20	-19	-18	-17	-15
				C.C.7	-34	-33	-31	-30	-29	-28	-26	-24	-22
				C.C.8	36	32	29	25	21	18	15	14	15
				C.C.9	24	21	18	15	12	9	7	7	8
				C.C.10	-49	-45	-42	-39	-36	-34	-31	-31	-33
				C.C.11	-61	-57	-53	-49	-46	-42	-39	-39	-39
				C.C.12	9	8	7	6	5	3	2	-1	-3
				C.C.13	-3	-3	-4	-4	-5	-5	-6	-8	-10
				C.C.14	-95	-89	-83	-76	-70	-65	-59	-55	-54
				C.C.15	-114	-107	-100	-92	-85	-78	-71	-67	-65
				C.C.16	-103	-96	-89	-82	-75	-69	-63	-60	-59
				C.C.17	-122	-114	-106	-98	-90	-83	-75	-72	-70
				C.C.18	98	90	82	74	66	58	51	47	46
				C.C.19	79	72	65	58	51	44	38	35	35
				C.C.20	90	82	75	68	61	54	47	43	40
				C.C.21	71	64	58	52	46	40	34	31	30
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C.2	1597	1596	1594	1593	1593	1592	1592	1592	1592
				C.C.3	-1611	-1609	-1608	-1607	-1606	-1605	-1605	-1605	-1606
				C.C.4	2668	2665	2663	2661	2660	2659	2659	2659	2660
				C.C.5	-2678	-2676	-2673	-2672	-2670	-2670	-2669	-2670	-2670
				C.C.6	30	29	28	27	27	28	29	30	31
				C.C.7	43	42	42	41	43	44	45	47	49
				C.C.8	-8	-9	-11	-13	-17	-20	-23	-26	-29
				C.C.9	5	4	3	1	-1	-4	-7	-9	-11
				C.C.10	-15	-14	-13	-11	-9	-6	-4	-1	1
				C.C.11	-3	-1	1	3	6	10	13	16	19
				C.C.12	-53	-52	-52	-52	-53	-54	-56	-57	-60
				C.C.13	-40	-39	-38	-37	-37	-38	-39	-40	-42
				C.C.14	54	54	55	56	61	67	73	79	86
				C.C.15	74	75	77	79	86	93	100	107	114
				C.C.16	40	42	43	44	51	57	63	70	77
				C.C.17	60	63	65	68	75	82	90	98	105
				C.C.18	-71	-73	-75	-78	-85	-93	-100	-108	-115
				C.C.19	-51	-52	-53	-55	-61	-67	-74	-80	-87
				C.C.20	-84	-86	-87	-89	-96	-103	-110	-117	-125

				C.C.21	-64	-65	-65	-66	-72	-77	-83	-90	-96
<b>7</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-16	-16	-17	-17	-17	-17	-17	-17	-17
				C.C.2	1585	1581	1577	1574	1571	1568	1565	1563	1561
				C.C.3	-1618	-1614	-1610	-1607	-1604	-1601	-1598	-1596	-1594
				C.C.4	2658	2651	2645	2639	2633	2629	2624	2621	2617
				C.C.5	-2682	-2675	-2669	-2663	-2658	-2653	-2649	-2645	-2641
				C.C.6	-60	-56	-53	-49	-46	-42	-39	-38	-39
				C.C.7	-49	-46	-43	-40	-37	-35	-32	-32	-33
				C.C.8	-7	-8	-9	-9	-10	-11	-12	-12	-13
				C.C.9	4	2	1	0	-2	-3	-5	-6	-8
				C.C.10	-28	-26	-25	-24	-22	-21	-20	-18	-16
				C.C.11	-17	-16	-15	-15	-14	-13	-13	-12	-11
				C.C.12	25	22	19	16	13	11	8	8	9
				C.C.13	36	32	29	25	22	18	15	14	15
				C.C.14	-114	-106	-98	-90	-82	-74	-67	-64	-63
				C.C.15	-96	-89	-82	-75	-69	-62	-56	-54	-54
				C.C.16	-104	-97	-89	-82	-75	-68	-61	-58	-56
				C.C.17	-86	-80	-74	-68	-62	-56	-50	-48	-47
				C.C.18	62	56	50	44	38	32	26	24	23
				C.C.19	80	72	65	58	51	44	37	34	32
				C.C.20	72	65	58	51	44	38	32	30	30
				C.C.21	90	81	73	65	58	50	43	40	39
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.2	1591	1589	1588	1586	1586	1585	1585	1585	1586
				C.C.3	-1608	-1606	-1605	-1604	-1603	-1603	-1603	-1603	-1603
				C.C.4	2659	2656	2654	2652	2651	2650	2650	2650	2651
				C.C.5	-2672	-2669	-2667	-2665	-2664	-2663	-2663	-2663	-2664
				C.C.6	-1	1	3	5	9	12	15	18	21
				C.C.7	-11	-10	-9	-7	-5	-2	1	3	5
				C.C.8	-36	-35	-34	-32	-33	-33	-34	-35	-37
				C.C.9	-46	-46	-45	-45	-46	-47	-49	-50	-53
				C.C.10	33	33	32	32	33	34	35	37	40
				C.C.11	23	22	20	19	20	20	21	22	24
				C.C.12	-2	-3	-5	-6	-9	-11	-14	-17	-18
				C.C.13	-12	-14	-16	-18	-22	-25	-28	-32	-34
				C.C.14	55	57	60	62	69	77	84	92	99
				C.C.15	39	40	41	42	48	55	61	68	74
				C.C.16	65	67	68	70	76	83	90	97	105
				C.C.17	49	49	50	50	55	61	67	73	80
				C.C.18	-62	-62	-63	-64	-69	-74	-81	-87	-93
				C.C.19	-79	-80	-81	-83	-89	-96	-103	-111	-118
				C.C.20	-52	-53	-54	-56	-61	-68	-74	-81	-87
				C.C.21	-68	-70	-73	-75	-82	-90	-97	-105	-113
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-40	-40	-40	-40	-40	-40	-40	-40	-40
				C.C.2	1324	1325	1326	1327	1329	1331	1333	1336	1339
				C.C.3	-1403	-1404	-1405	-1407	-1408	-1411	-1413	-1416	-1419
				C.C.4	2245	2246	2248	2250	2253	2257	2261	2266	2271
				C.C.5	-2300	-2302	-2303	-2306	-2309	-2312	-2316	-2321	-2326
				C.C.6	-21	-23	-24	-24	-24	-23	-23	-22	-22
				C.C.7	61	60	60	61	62	63	64	65	66
				C.C.8	-42	-44	-47	-51	-55	-59	-63	-68	-72
				C.C.9	40	39	37	33	30	27	23	20	16
				C.C.10	-96	-94	-92	-89	-85	-82	-79	-75	-72
				C.C.11	-13	-11	-8	-4	0	4	8	12	16
				C.C.12	-117	-116	-115	-116	-117	-118	-119	-120	-122
				C.C.13	-34	-33	-31	-31	-32	-32	-32	-33	-33
				C.C.14	-47	-47	-46	-40	-33	-27	-20	-14	-7
				C.C.15	84	85	87	95	102	109	117	125	133
				C.C.16	-69	-68	-66	-59	-52	-45	-37	-30	-22
				C.C.17	62	64	67	75	83	92	100	109	118
				C.C.18	-117	-119	-122	-130	-139	-147	-156	-164	-173
				C.C.19	14	13	11	4	-3	-11	-18	-26	-33
				C.C.20	-139	-140	-143	-150	-157	-165	-172	-180	-188
				C.C.21	-8	-9	-10	-16	-22	-28	-35	-41	-48
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-38	-38	-38	-38	-38	-38	-38	-38	-38
				C.C.2	1320	1321	1322	1323	1325	1327	1329	1332	1335
				C.C.3	-1396	-1396	-1398	-1399	-1401	-1403	-1405	-1408	-1411
				C.C.4	2237	2238	2240	2242	2245	2249	2253	2257	2262

				C.C.5	-2289	-2290	-2292	-2295	-2298	-2301	-2305	-2310	-2315
				C.C.6	-12	-9	-7	-3	1	5	9	13	17
				C.C.7	-96	-95	-93	-90	-86	-83	-80	-76	-73
				C.C.8	-34	-33	-32	-32	-32	-33	-33	-34	-34
				C.C.9	-119	-118	-118	-119	-120	-121	-122	-123	-124
				C.C.10	66	66	65	66	67	68	69	71	72
				C.C.11	-18	-20	-21	-20	-20	-20	-19	-19	-18
				C.C.12	44	42	40	37	34	31	27	24	20
				C.C.13	-41	-43	-46	-49	-54	-58	-62	-66	-70
				C.C.14	67	69	73	81	89	97	106	114	123
				C.C.15	-67	-66	-64	-57	-50	-43	-35	-28	-20
				C.C.16	90	92	94	101	109	116	124	132	139
				C.C.17	-44	-44	-42	-36	-30	-24	-17	-10	-4
				C.C.18	-8	-9	-10	-16	-22	-29	-35	-42	-49
				C.C.19	-142	-144	-146	-154	-161	-169	-176	-184	-192
				C.C.20	15	14	11	5	-3	-10	-17	-25	-32
				C.C.21	-119	-121	-125	-133	-141	-150	-158	-167	-175
11	fondazione	5, 6	80.76	(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)	
				C.C.1	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C.2	709	703	698	693	689	685	682	679	676
				C.C.3	-741	-735	-729	-725	-720	-716	-713	-710	-708
				C.C.4	1197	1188	1179	1171	1163	1157	1151	1146	1142
				C.C.5	-1219	-1209	-1200	-1192	-1185	-1179	-1173	-1168	-1164
				C.C.6	-124	-117	-109	-102	-94	-87	-79	-72	-64
				C.C.7	-185	-177	-169	-161	-153	-145	-137	-130	-122
				C.C.8	-124	-116	-108	-101	-93	-86	-78	-71	-64
				C.C.9	-184	-176	-168	-160	-152	-145	-137	-129	-121
				C.C.10	163	155	147	139	131	123	115	107	99
				C.C.11	102	94	87	79	72	64	57	49	42
				C.C.12	164	155	147	139	132	124	116	108	100
				C.C.13	103	95	87	80	72	65	57	50	43
				C.C.14	-7	-5	-3	-1	1	3	5	7	9
				C.C.15	-104	-101	-98	-96	-93	-90	-88	-85	-82
				C.C.16	79	76	74	71	68	66	63	61	58
				C.C.17	-18	-19	-21	-23	-25	-27	-29	-31	-33
				C.C.18	-4	-2	0	2	4	6	8	10	11
				C.C.19	-101	-98	-95	-93	-90	-88	-85	-82	-80
				C.C.20	82	79	76	74	71	68	66	63	61
				C.C.21	-15	-17	-19	-21	-23	-25	-27	-29	-31
12	fondazione	5, 6	91.16	(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)	
				C.C.1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.2	234	232	230	229	229	229	230	232	234
				C.C.3	-257	-255	-253	-252	-252	-252	-253	-255	-257
				C.C.4	401	397	395	393	393	393	395	397	401
				C.C.5	-417	-413	-411	-409	-409	-409	-411	-413	-417
				C.C.6	-56	-47	-38	-29	-20	-12	-3	5	14
				C.C.7	-57	-48	-39	-30	-20	-12	-2	7	16
				C.C.8	-30	-21	-13	-4	5	14	22	31	40
				C.C.9	-32	-23	-14	-4	5	14	23	33	42
				C.C.10	16	6	-3	-12	-21	-30	-40	-49	-58
				C.C.11	14	5	-4	-12	-21	-30	-39	-47	-56
				C.C.12	41	32	23	14	4	-5	-14	-23	-32
				C.C.13	39	31	22	13	4	-4	-13	-22	-30
				C.C.14	-60	-58	-55	-53	-51	-49	-46	-44	-42
				C.C.15	-63	-60	-57	-54	-51	-48	-45	-42	-39
				C.C.16	-39	-42	-45	-48	-51	-54	-57	-60	-63
				C.C.17	-42	-44	-46	-49	-51	-53	-56	-58	-60
				C.C.18	25	28	30	32	35	37	39	42	44
				C.C.19	22	25	28	32	35	38	41	44	47
				C.C.20	47	44	41	38	34	32	29	26	23
				C.C.21	44	41	39	37	34	32	30	28	25
13	fondazione	5, 6	80.76	(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)	
				C.C.1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.2	666	668	671	674	678	683	687	693	699
				C.C.3	-700	-702	-705	-708	-712	-716	-721	-727	-733
				C.C.4	1126	1130	1135	1140	1147	1154	1162	1171	1181
				C.C.5	-1150	-1154	-1159	-1164	-1171	-1178	-1186	-1195	-1205
				C.C.6	46	53	61	68	76	83	91	98	106
				C.C.7	102	110	118	126	134	142	150	158	166
				C.C.8	47	54	62	69	77	84	92	99	107
				C.C.9	104	111	119	127	135	143	151	159	167
				C.C.10	-128	-135	-143	-151	-159	-167	-175	-183	-191



				C.C.11	-71	-78	-86	-93	-101	-108	-116	-124	-131
				C.C.12	-126	-134	-142	-150	-158	-166	-174	-182	-190
				C.C.13	-70	-77	-85	-92	-100	-107	-115	-122	-130
				C.C.14	-33	-31	-29	-27	-25	-23	-21	-19	-17
				C.C.15	57	59	62	65	67	70	73	75	78
				C.C.16	-85	-87	-90	-93	-95	-98	-101	-103	-106
				C.C.17	5	3	1	-1	-3	-5	-7	-9	-11
				C.C.18	-29	-27	-25	-23	-21	-19	-17	-15	-13
				C.C.19	61	63	66	69	71	74	77	79	82
				C.C.20	-81	-83	-86	-89	-91	-94	-97	-99	-102
				C.C.21	9	7	5	3	1	-1	-3	-5	-7
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-40	-40	-40	-40	-40	-40	-40	-40	-40
				C.C.2	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C.3	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.4	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C.5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.6	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.7	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.8	-52	-52	-52	-52	-52	-52	-52	-52	-52
				C.C.9	-52	-52	-52	-52	-52	-52	-52	-52	-52
				C.C.10	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.11	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.12	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C.13	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C.14	34	34	34	34	34	34	34	34	34
				C.C.15	34	34	34	34	34	34	34	34	34
				C.C.16	33	33	33	33	33	33	33	33	33
				C.C.17	33	33	33	33	33	33	33	33	33
				C.C.18	-100	-100	-100	-100	-100	-100	-100	-100	-100
				C.C.19	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.20	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.21	-102	-102	-102	-102	-102	-102	-102	-102	-102
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	62	62	62	62	62	62	62	62	62
				C.C.2	60	60	60	60	60	60	60	60	60
				C.C.3	65	65	65	65	65	65	65	65	65
				C.C.4	40	40	40	40	40	40	40	40	40
				C.C.5	49	49	49	49	49	49	49	49	49
				C.C.6	275	275	275	275	275	275	275	275	275
				C.C.7	369	369	369	369	369	369	369	369	369
				C.C.8	-1151	-1151	-1151	-1151	-1151	-1151	-1151	-1151	-1151
				C.C.9	-1057	-1057	-1057	-1057	-1057	-1057	-1057	-1057	-1057
				C.C.10	1147	1147	1147	1147	1147	1147	1147	1147	1147
				C.C.11	1240	1240	1240	1240	1240	1240	1240	1240	1240
				C.C.12	-279	-279	-279	-279	-279	-279	-279	-279	-279
				C.C.13	-186	-186	-186	-186	-186	-186	-186	-186	-186
				C.C.14	2217	2217	2217	2217	2217	2217	2217	2217	2217
				C.C.15	2365	2365	2365	2365	2365	2365	2365	2365	2365
				C.C.16	2478	2478	2478	2478	2478	2478	2478	2478	2478
				C.C.17	2626	2626	2626	2626	2626	2626	2626	2626	2626
				C.C.18	-2537	-2537	-2537	-2537	-2537	-2537	-2537	-2537	-2537
				C.C.19	-2389	-2389	-2389	-2389	-2389	-2389	-2389	-2389	-2389
				C.C.20	-2276	-2276	-2276	-2276	-2276	-2276	-2276	-2276	-2276
				C.C.21	-2128	-2128	-2128	-2128	-2128	-2128	-2128	-2128	-2128
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	4438	4438	4438	4438	4438	4438	4438	4438	4438
				C.C.7	4111	4111	4111	4111	4111	4111	4111	4111	4111
				C.C.8	4562	4562	4562	4562	4562	4562	4562	4562	4562
				C.C.9	4235	4235	4235	4235	4235	4235	4235	4235	4235
				C.C.10	-4235	-4235	-4235	-4235	-4235	-4235	-4235	-4235	-4235
				C.C.11	-4562	-4562	-4562	-4562	-4562	-4562	-4562	-4562	-4562
				C.C.12	-4111	-4111	-4111	-4111	-4111	-4111	-4111	-4111	-4111
				C.C.13	-4438	-4438	-4438	-4438	-4438	-4438	-4438	-4438	-4438
				C.C.14	1354	1354	1354	1354	1354	1354	1354	1354	1354

				C.C.15	834	834	834	834	834	834	834	834	834
				C.C.16	-1248	-1248	-1248	-1248	-1248	-1248	-1248	-1248	-1248
				C.C.17	-1768	-1768	-1768	-1768	-1768	-1768	-1768	-1768	-1768
				C.C.18	1768	1768	1768	1768	1768	1768	1768	1768	1768
				C.C.19	1248	1248	1248	1248	1248	1248	1248	1248	1248
				C.C.20	-834	-834	-834	-834	-834	-834	-834	-834	-834
				C.C.21	-1354	-1354	-1354	-1354	-1354	-1354	-1354	-1354	-1354
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	2722	2722	2722	2722	2722	2722	2722	2722	2722
				C.C.7	3094	3094	3094	3094	3094	3094	3094	3094	3094
				C.C.8	-2216	-2216	-2216	-2216	-2216	-2216	-2216	-2216	-2216
				C.C.9	-1844	-1844	-1844	-1844	-1844	-1844	-1844	-1844	-1844
				C.C.10	1844	1844	1844	1844	1844	1844	1844	1844	1844
				C.C.11	2216	2216	2216	2216	2216	2216	2216	2216	2216
				C.C.12	-3094	-3094	-3094	-3094	-3094	-3094	-3094	-3094	-3094
				C.C.13	-2722	-2722	-2722	-2722	-2722	-2722	-2722	-2722	-2722
				C.C.14	8068	8068	8068	8068	8068	8068	8068	8068	8068
				C.C.15	8657	8657	8657	8657	8657	8657	8657	8657	8657
				C.C.16	7804	7804	7804	7804	7804	7804	7804	7804	7804
				C.C.17	8394	8394	8394	8394	8394	8394	8394	8394	8394
				C.C.18	-8394	-8394	-8394	-8394	-8394	-8394	-8394	-8394	-8394
				C.C.19	-7804	-7804	-7804	-7804	-7804	-7804	-7804	-7804	-7804
				C.C.20	-8657	-8657	-8657	-8657	-8657	-8657	-8657	-8657	-8657
				C.C.21	-8068	-8068	-8068	-8068	-8068	-8068	-8068	-8068	-8068
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	65	65	65	65	65	65	65	65	65
				C.C.2	62	62	62	62	62	62	62	62	62
				C.C.3	68	68	68	68	68	68	68	68	68
				C.C.4	42	42	42	42	42	42	42	42	42
				C.C.5	52	52	52	52	52	52	52	52	52
				C.C.6	1293	1293	1293	1293	1293	1293	1293	1293	1293
				C.C.7	1200	1200	1200	1200	1200	1200	1200	1200	1200
				C.C.8	-128	-128	-128	-128	-128	-128	-128	-128	-128
				C.C.9	-220	-220	-220	-220	-220	-220	-220	-220	-220
				C.C.10	314	314	314	314	314	314	314	314	314
				C.C.11	222	222	222	222	222	222	222	222	222
				C.C.12	-1106	-1106	-1106	-1106	-1106	-1106	-1106	-1106	-1106
				C.C.13	-1199	-1199	-1199	-1199	-1199	-1199	-1199	-1199	-1199
				C.C.14	2635	2635	2635	2635	2635	2635	2635	2635	2635
				C.C.15	2488	2488	2488	2488	2488	2488	2488	2488	2488
				C.C.16	2341	2341	2341	2341	2341	2341	2341	2341	2341
				C.C.17	2194	2194	2194	2194	2194	2194	2194	2194	2194
				C.C.18	-2100	-2100	-2100	-2100	-2100	-2100	-2100	-2100	-2100
				C.C.19	-2247	-2247	-2247	-2247	-2247	-2247	-2247	-2247	-2247
				C.C.20	-2394	-2394	-2394	-2394	-2394	-2394	-2394	-2394	-2394
				C.C.21	-2541	-2541	-2541	-2541	-2541	-2541	-2541	-2541	-2541
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-4540	-4540	-4540	-4540	-4540	-4540	-4540	-4540	-4540
				C.C.7	-4212	-4212	-4212	-4212	-4212	-4212	-4212	-4212	-4212
				C.C.8	-4475	-4475	-4475	-4475	-4475	-4475	-4475	-4475	-4475
				C.C.9	-4147	-4147	-4147	-4147	-4147	-4147	-4147	-4147	-4147
				C.C.10	4147	4147	4147	4147	4147	4147	4147	4147	4147
				C.C.11	4475	4475	4475	4475	4475	4475	4475	4475	4475
				C.C.12	4212	4212	4212	4212	4212	4212	4212	4212	4212
				C.C.13	4540	4540	4540	4540	4540	4540	4540	4540	4540
				C.C.14	-1670	-1670	-1670	-1670	-1670	-1670	-1670	-1670	-1670
				C.C.15	-1151	-1151	-1151	-1151	-1151	-1151	-1151	-1151	-1151
				C.C.16	936	936	936	936	936	936	936	936	936
				C.C.17	1456	1456	1456	1456	1456	1456	1456	1456	1456
				C.C.18	-1456	-1456	-1456	-1456	-1456	-1456	-1456	-1456	-1456
				C.C.19	-936	-936	-936	-936	-936	-936	-936	-936	-936

				C.C.20	1151	1151	1151	1151	1151	1151	1151	1151	1151
				C.C.21	1670	1670	1670	1670	1670	1670	1670	1670	1670
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	2404	2404	2404	2404	2404	2404	2404	2404	2404
				C.C.7	2036	2036	2036	2036	2036	2036	2036	2036	2036
				C.C.8	-2534	-2534	-2534	-2534	-2534	-2534	-2534	-2534	-2534
				C.C.9	-2903	-2903	-2903	-2903	-2903	-2903	-2903	-2903	-2903
				C.C.10	2903	2903	2903	2903	2903	2903	2903	2903	2903
				C.C.11	2534	2534	2534	2534	2534	2534	2534	2534	2534
				C.C.12	-2036	-2036	-2036	-2036	-2036	-2036	-2036	-2036	-2036
				C.C.13	-2404	-2404	-2404	-2404	-2404	-2404	-2404	-2404	-2404
				C.C.14	8448	8448	8448	8448	8448	8448	8448	8448	8448
				C.C.15	7864	7864	7864	7864	7864	7864	7864	7864	7864
				C.C.16	8598	8598	8598	8598	8598	8598	8598	8598	8598
				C.C.17	8013	8013	8013	8013	8013	8013	8013	8013	8013
				C.C.18	-8013	-8013	-8013	-8013	-8013	-8013	-8013	-8013	-8013
				C.C.19	-8598	-8598	-8598	-8598	-8598	-8598	-8598	-8598	-8598
				C.C.20	-7864	-7864	-7864	-7864	-7864	-7864	-7864	-7864	-7864
				C.C.21	-8448	-8448	-8448	-8448	-8448	-8448	-8448	-8448	-8448
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	148	148	148	148	148	148	148	148	148
				C.C.2	145	145	145	145	145	145	145	145	145
				C.C.3	152	152	152	152	152	152	152	152	152
				C.C.4	98	98	98	98	98	98	98	98	98
				C.C.5	108	108	108	108	108	108	108	108	108
				C.C.6	-134	-134	-134	-134	-134	-134	-134	-134	-134
				C.C.7	-197	-197	-197	-197	-197	-197	-197	-197	-197
				C.C.8	1220	1220	1220	1220	1220	1220	1220	1220	1220
				C.C.9	1157	1157	1157	1157	1157	1157	1157	1157	1157
				C.C.10	-951	-951	-951	-951	-951	-951	-951	-951	-951
				C.C.11	-1013	-1013	-1013	-1013	-1013	-1013	-1013	-1013	-1013
				C.C.12	403	403	403	403	403	403	403	403	403
				C.C.13	340	340	340	340	340	340	340	340	340
				C.C.14	-1981	-1981	-1981	-1981	-1981	-1981	-1981	-1981	-1981
				C.C.15	-2080	-2080	-2080	-2080	-2080	-2080	-2080	-2080	-2080
				C.C.16	-2226	-2226	-2226	-2226	-2226	-2226	-2226	-2226	-2226
				C.C.17	-2325	-2325	-2325	-2325	-2325	-2325	-2325	-2325	-2325
				C.C.18	2532	2532	2532	2532	2532	2532	2532	2532	2532
				C.C.19	2432	2432	2432	2432	2432	2432	2432	2432	2432
				C.C.20	2286	2286	2286	2286	2286	2286	2286	2286	2286
				C.C.21	2187	2187	2187	2187	2187	2187	2187	2187	2187
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	151	151	151	151	151	151	151	151	151
				C.C.2	147	147	147	147	147	147	147	147	147
				C.C.3	154	154	154	154	154	154	154	154	154
				C.C.4	99	99	99	99	99	99	99	99	99
				C.C.5	110	110	110	110	110	110	110	110	110
				C.C.6	-1057	-1057	-1057	-1057	-1057	-1057	-1057	-1057	-1057
				C.C.7	-995	-995	-995	-995	-995	-995	-995	-995	-995
				C.C.8	292	292	292	292	292	292	292	292	292
				C.C.9	354	354	354	354	354	354	354	354	354
				C.C.10	-145	-145	-145	-145	-145	-145	-145	-145	-145
				C.C.11	-82	-82	-82	-82	-82	-82	-82	-82	-82
				C.C.12	1205	1205	1205	1205	1205	1205	1205	1205	1205
				C.C.13	1267	1267	1267	1267	1267	1267	1267	1267	1267
				C.C.14	-2330	-2330	-2330	-2330	-2330	-2330	-2330	-2330	-2330
				C.C.15	-2232	-2232	-2232	-2232	-2232	-2232	-2232	-2232	-2232
				C.C.16	-2057	-2057	-2057	-2057	-2057	-2057	-2057	-2057	-2057
				C.C.17	-1958	-1958	-1958	-1958	-1958	-1958	-1958	-1958	-1958
				C.C.18	2168	2168	2168	2168	2168	2168	2168	2168	2168
				C.C.19	2266	2266	2266	2266	2266	2266	2266	2266	2266
				C.C.20	2441	2441	2441	2441	2441	2441	2441	2441	2441
				C.C.21	2540	2540	2540	2540	2540	2540	2540	2540	2540
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	59	59	59	59	59	59	59	59	59
				C.C.2	61	61	61	61	61	61	61	61	61

				C.C.3	57	57	57	57	57	57	57	57	57
				C.C.4	43	43	43	43	43	43	43	43	43
				C.C.5	37	37	37	37	37	37	37	37	37
				C.C.6	296	296	296	296	296	296	296	296	296
				C.C.7	296	296	296	296	296	296	296	296	296
				C.C.8	-201	-201	-201	-201	-201	-201	-201	-201	-201
				C.C.9	-201	-201	-201	-201	-201	-201	-201	-201	-201
				C.C.10	282	282	282	282	282	282	282	282	282
				C.C.11	282	282	282	282	282	282	282	282	282
				C.C.12	-215	-215	-215	-215	-215	-215	-215	-215	-215
				C.C.13	-215	-215	-215	-215	-215	-215	-215	-215	-215
				C.C.14	870	870	870	870	870	870	870	870	870
				C.C.15	870	870	870	870	870	870	870	870	870
				C.C.16	866	866	866	866	866	866	866	866	866
				C.C.17	866	866	866	866	866	866	866	866	866
				C.C.18	-785	-785	-785	-785	-785	-785	-785	-785	-785
				C.C.19	-785	-785	-785	-785	-785	-785	-785	-785	-785
				C.C.20	-789	-789	-789	-789	-789	-789	-789	-789	-789
				C.C.21	-789	-789	-789	-789	-789	-789	-789	-789	-789
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	7525	7525	7525	7525	7525	7525	7525	7525	7525
				C.C.7	7330	7330	7330	7330	7330	7330	7330	7330	7330
				C.C.8	8433	8433	8433	8433	8433	8433	8433	8433	8433
				C.C.9	8238	8238	8238	8238	8238	8238	8238	8238	8238
				C.C.10	-8238	-8238	-8238	-8238	-8238	-8238	-8238	-8238	-8238
				C.C.11	-8433	-8433	-8433	-8433	-8433	-8433	-8433	-8433	-8433
				C.C.12	-7330	-7330	-7330	-7330	-7330	-7330	-7330	-7330	-7330
				C.C.13	-7525	-7525	-7525	-7525	-7525	-7525	-7525	-7525	-7525
				C.C.14	1005	1005	1005	1005	1005	1005	1005	1005	1005
				C.C.15	696	696	696	696	696	696	696	696	696
				C.C.16	-3724	-3724	-3724	-3724	-3724	-3724	-3724	-3724	-3724
				C.C.17	-4033	-4033	-4033	-4033	-4033	-4033	-4033	-4033	-4033
				C.C.18	4033	4033	4033	4033	4033	4033	4033	4033	4033
				C.C.19	3724	3724	3724	3724	3724	3724	3724	3724	3724
				C.C.20	-696	-696	-696	-696	-696	-696	-696	-696	-696
				C.C.21	-1005	-1005	-1005	-1005	-1005	-1005	-1005	-1005	-1005
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-8400	-8400	-8400	-8400	-8400	-8400	-8400	-8400	-8400
				C.C.7	-8206	-8206	-8206	-8206	-8206	-8206	-8206	-8206	-8206
				C.C.8	-7603	-7603	-7603	-7603	-7603	-7603	-7603	-7603	-7603
				C.C.9	-7409	-7409	-7409	-7409	-7409	-7409	-7409	-7409	-7409
				C.C.10	7409	7409	7409	7409	7409	7409	7409	7409	7409
				C.C.11	7603	7603	7603	7603	7603	7603	7603	7603	7603
				C.C.12	8206	8206	8206	8206	8206	8206	8206	8206	8206
				C.C.13	8400	8400	8400	8400	8400	8400	8400	8400	8400
				C.C.14	-3853	-3853	-3853	-3853	-3853	-3853	-3853	-3853	-3853
				C.C.15	-3546	-3546	-3546	-3546	-3546	-3546	-3546	-3546	-3546
				C.C.16	890	890	890	890	890	890	890	890	890
				C.C.17	1197	1197	1197	1197	1197	1197	1197	1197	1197
				C.C.18	-1197	-1197	-1197	-1197	-1197	-1197	-1197	-1197	-1197
				C.C.19	-890	-890	-890	-890	-890	-890	-890	-890	-890
				C.C.20	3546	3546	3546	3546	3546	3546	3546	3546	3546
				C.C.21	3853	3853	3853	3853	3853	3853	3853	3853	3853
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2786	-3011	-3236	-3461	-3686	-	-	-	-
				C.C.2	-2789	-3014	-3239	-3464	-3689	-	-	-	-
				C.C.3	-2784	-3009	-3234	-3459	-3684	-	-	-	-
				C.C.4	-2136	-2361	-2586	-2811	-3036	-	-	-	-
				C.C.5	-2128	-2353	-2578	-2803	-3028	-	-	-	-
				C.C.6	-1767	-1992	-2217	-2442	-2667	-	-	-	-
				C.C.7	-1728	-1953	-2178	-2403	-2628	-	-	-	-

				C.C.8	-2190	-2415	-2640	-2865	-3090	-	-	-	-
				C.C.9	-2150	-2375	-2600	-2825	-3050	-	-	-	-
				C.C.10	-2113	-2338	-2563	-2788	-3013	-	-	-	-
				C.C.11	-2074	-2299	-2524	-2749	-2974	-	-	-	-
				C.C.12	-2536	-2761	-2986	-3211	-3436	-	-	-	-
				C.C.13	-2496	-2721	-2946	-3171	-3396	-	-	-	-
				C.C.14	-1407	-1632	-1857	-2082	-2307	-	-	-	-
				C.C.15	-1344	-1569	-1794	-2019	-2244	-	-	-	-
				C.C.16	-1511	-1736	-1961	-2186	-2411	-	-	-	-
				C.C.17	-1448	-1673	-1898	-2123	-2348	-	-	-	-
				C.C.18	-2816	-3041	-3266	-3491	-3716	-	-	-	-
				C.C.19	-2753	-2978	-3203	-3428	-3653	-	-	-	-
				C.C.20	-2920	-3145	-3370	-3595	-3820	-	-	-	-
				C.C.21	-2857	-3082	-3307	-3532	-3757	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2781	-3006	-3231	-3456	-3681	-	-	-	-
				C.C.2	-2783	-3008	-3233	-3458	-3683	-	-	-	-
				C.C.3	-2778	-3003	-3228	-3453	-3678	-	-	-	-
				C.C.4	-2131	-2356	-2581	-2806	-3031	-	-	-	-
				C.C.5	-2124	-2349	-2574	-2799	-3024	-	-	-	-
				C.C.6	-2050	-2275	-2500	-2725	-2950	-	-	-	-
				C.C.7	-2090	-2315	-2540	-2765	-2990	-	-	-	-
				C.C.8	-2477	-2702	-2927	-3152	-3377	-	-	-	-
				C.C.9	-2516	-2741	-2966	-3191	-3416	-	-	-	-
				C.C.10	-1739	-1964	-2189	-2414	-2639	-	-	-	-
				C.C.11	-1778	-2003	-2228	-2453	-2678	-	-	-	-
				C.C.12	-2165	-2390	-2615	-2840	-3065	-	-	-	-
				C.C.13	-2205	-2430	-2655	-2880	-3105	-	-	-	-
				C.C.14	-1432	-1657	-1882	-2107	-2332	-	-	-	-
				C.C.15	-1495	-1720	-1945	-2170	-2395	-	-	-	-
				C.C.16	-1339	-1564	-1789	-2014	-2239	-	-	-	-
				C.C.17	-1401	-1626	-1851	-2076	-2301	-	-	-	-
				C.C.18	-2854	-3079	-3304	-3529	-3754	-	-	-	-
				C.C.19	-2917	-3142	-3367	-3592	-3817	-	-	-	-
				C.C.20	-2760	-2985	-3210	-3435	-3660	-	-	-	-
				C.C.21	-2823	-3048	-3273	-3498	-3723	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1889	-2114	-2339	-2564	-2789	-	-	-	-
				C.C.2	-1887	-2112	-2337	-2562	-2787	-	-	-	-
				C.C.3	-1891	-2116	-2341	-2566	-2791	-	-	-	-
				C.C.4	-1524	-1749	-1974	-2199	-2424	-	-	-	-
				C.C.5	-1531	-1756	-1981	-2206	-2431	-	-	-	-
				C.C.6	-571	-796	-1021	-1246	-1471	-	-	-	-
				C.C.7	-523	-748	-973	-1198	-1423	-	-	-	-
				C.C.8	-1092	-1317	-1542	-1767	-1992	-	-	-	-
				C.C.9	-1043	-1268	-1493	-1718	-1943	-	-	-	-
				C.C.10	-2012	-2237	-2462	-2687	-2912	-	-	-	-
				C.C.11	-1963	-2188	-2413	-2638	-2863	-	-	-	-
				C.C.12	-2532	-2757	-2982	-3207	-3432	-	-	-	-
				C.C.13	-2484	-2709	-2934	-3159	-3384	-	-	-	-
				C.C.14	-481	-706	-931	-1156	-1381	-	-	-	-
				C.C.15	-405	-630	-855	-1080	-1305	-	-	-	-
				C.C.16	-914	-1139	-1364	-1589	-1814	-	-	-	-
				C.C.17	-837	-1062	-1287	-1512	-1737	-	-	-	-
				C.C.18	-2218	-2443	-2668	-2893	-3118	-	-	-	-
				C.C.19	-2141	-2366	-2591	-2816	-3041	-	-	-	-
				C.C.20	-2650	-2875	-3100	-3325	-3550	-	-	-	-
				C.C.21	-2573	-2798	-3023	-3248	-3473	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1919	-2144	-2369	-2594	-2819	-	-	-	-
				C.C.2	-1916	-2141	-2366	-2591	-2816	-	-	-	-
				C.C.3	-1921	-2146	-2371	-2596	-2821	-	-	-	-
				C.C.4	-1548	-1773	-1998	-2223	-2448	-	-	-	-
				C.C.5	-1556	-1781	-2006	-2231	-2456	-	-	-	-
				C.C.6	-1971	-2196	-2421	-2646	-2871	-	-	-	-
				C.C.7	-2019	-2244	-2469	-2694	-2919	-	-	-	-
				C.C.8	-2493	-2718	-2943	-3168	-3393	-	-	-	-
				C.C.9	-2540	-2765	-2990	-3215	-3440	-	-	-	-
				C.C.10	-563	-788	-1013	-1238	-1463	-	-	-	-
				C.C.11	-610	-835	-1060	-1285	-1510	-	-	-	-

				C.C.12	-1085	-1310	-1535	-1760	-1985	-	-	-	-
				C.C.13	-1132	-1357	-1582	-1807	-2032	-	-	-	-
				C.C.14	-856	-1081	-1306	-1531	-1756	-	-	-	-
				C.C.15	-930	-1155	-1380	-1605	-1830	-	-	-	-
				C.C.16	-433	-658	-883	-1108	-1333	-	-	-	-
				C.C.17	-508	-733	-958	-1183	-1408	-	-	-	-
				C.C.18	-2595	-2820	-3045	-3270	-3495	-	-	-	-
				C.C.19	-2670	-2895	-3120	-3345	-3570	-	-	-	-
				C.C.20	-2173	-2398	-2623	-2848	-3073	-	-	-	-
				C.C.21	-2248	-2473	-2698	-2923	-3148	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-4744	-5082	-5419	-5757	-6094	-	-	-	-
				C.C.2	-4744	-5082	-5419	-5757	-6094	-	-	-	-
				C.C.3	-4744	-5082	-5419	-5757	-6094	-	-	-	-
				C.C.4	-3336	-3673	-4011	-4348	-4686	-	-	-	-
				C.C.5	-3336	-3674	-4011	-4349	-4686	-	-	-	-
				C.C.6	-3919	-4257	-4594	-4932	-5269	-	-	-	-
				C.C.7	-4038	-4375	-4713	-5050	-5388	-	-	-	-
				C.C.8	-2961	-3299	-3636	-3974	-4311	-	-	-	-
				C.C.9	-3080	-3417	-3755	-4092	-4430	-	-	-	-
				C.C.10	-3592	-3930	-4267	-4605	-4942	-	-	-	-
				C.C.11	-3711	-4048	-4386	-4723	-5061	-	-	-	-
				C.C.12	-2634	-2972	-3309	-3647	-3984	-	-	-	-
				C.C.13	-2753	-3090	-3428	-3765	-4103	-	-	-	-
				C.C.14	-4888	-5225	-5563	-5900	-6238	-	-	-	-
				C.C.15	-5076	-5413	-5751	-6088	-6426	-	-	-	-
				C.C.16	-4790	-5127	-5465	-5802	-6140	-	-	-	-
				C.C.17	-4978	-5315	-5653	-5990	-6328	-	-	-	-
				C.C.18	-1694	-2032	-2369	-2707	-3044	-	-	-	-
				C.C.19	-1882	-2220	-2557	-2895	-3232	-	-	-	-
				C.C.20	-1596	-1934	-2271	-2609	-2946	-	-	-	-
				C.C.21	-1784	-2122	-2459	-2797	-3134	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-4717	-5054	-5392	-5729	-6067	-	-	-	-
				C.C.2	-4717	-5054	-5392	-5729	-6067	-	-	-	-
				C.C.3	-4717	-5054	-5392	-5729	-6067	-	-	-	-
				C.C.4	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C.5	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C.6	-3658	-3996	-4333	-4671	-5008	-	-	-	-
				C.C.7	-3541	-3878	-4216	-4553	-4891	-	-	-	-
				C.C.8	-2707	-3044	-3382	-3719	-4057	-	-	-	-
				C.C.9	-2590	-2927	-3265	-3602	-3940	-	-	-	-
				C.C.10	-4038	-4375	-4713	-5050	-5388	-	-	-	-
				C.C.11	-3920	-4258	-4595	-4933	-5270	-	-	-	-
				C.C.12	-3086	-3424	-3761	-4099	-4436	-	-	-	-
				C.C.13	-2969	-3306	-3644	-3981	-4319	-	-	-	-
				C.C.14	-4935	-5273	-5610	-5948	-6285	-	-	-	-
				C.C.15	-4749	-5087	-5424	-5762	-6099	-	-	-	-
				C.C.16	-5049	-5387	-5724	-6062	-6399	-	-	-	-
				C.C.17	-4863	-5200	-5538	-5875	-6213	-	-	-	-
				C.C.18	-1764	-2102	-2439	-2777	-3114	-	-	-	-
				C.C.19	-1578	-1916	-2253	-2591	-2928	-	-	-	-
				C.C.20	-1878	-2216	-2553	-2891	-3228	-	-	-	-
				C.C.21	-1692	-2029	-2367	-2704	-3042	-	-	-	-

#### 4.3.3 Sforzo Normale - Combinazioni SLE Caratteristiche.

I prospetti seguenti riportano i valori dello sforzo normale (N) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 55.I

Sforzo Normale (N) [daN] - Combinazioni SLE Caratteristiche													
Asta	Imp.	Fili	L [cm]	Comb.	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	N <sub>4</sub>	N <sub>5</sub>	N <sub>6</sub>	N <sub>7</sub>	N <sub>8</sub>	N <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	1876	1871	1866	1861	1857	1853	1850	1847	1844
				C.C.2	-1844	-1839	-1834	-1829	-1825	-1821	-1818	-1815	-1812
				C.C.3	3112	3104	3096	3088	3081	3075	3069	3064	3059

				C.C.4	-3087	-3078	-3070	-3063	-3056	-3049	-3044	-3038	-3033
				C.C. U1	1876	1871	1867	1862	1858	1855	1851	1848	1845
				C.C. U2	3115	3107	3099	3092	3085	3079	3073	3068	3063
				C.C. U3	1875	1870	1866	1861	1857	1854	1851	1848	1845
				C.C. U4	1876	1871	1867	1862	1858	1855	1851	1848	1845
				C.C. U5	1887	1882	1877	1872	1868	1864	1860	1856	1853
				C.C. U6	3126	3117	3109	3101	3094	3088	3081	3076	3071
				C.C. U7	1893	1888	1883	1878	1873	1869	1865	1861	1858
				C.C. U8	1887	1882	1877	1872	1868	1864	1860	1856	1853
				C.C. U9	1878	1873	1868	1864	1860	1856	1852	1849	1846
				C.C. U10	3117	3108	3100	3093	3086	3080	3074	3068	3064
				C.C. U11	1878	1873	1868	1864	1860	1856	1852	1849	1846
				C.C. U12	1878	1873	1868	1864	1860	1856	1852	1849	1846
				C.C. U13	1875	1870	1865	1861	1857	1853	1849	1846	1843
				C.C. U14	3114	3105	3097	3090	3083	3077	3071	3065	3061
				C.C. U15	1873	1868	1863	1859	1855	1851	1847	1844	1841
				C.C. U16	1875	1870	1865	1861	1857	1853	1849	1846	1843
				C.C. U17	-1843	-1838	-1833	-1828	-1824	-1820	-1816	-1813	-1810
				C.C. U18	-3084	-3075	-3067	-3060	-3052	-3046	-3040	-3034	-3029
				C.C. U19	-1844	-1839	-1834	-1829	-1825	-1821	-1817	-1813	-1810
				C.C. U20	-1843	-1838	-1833	-1828	-1824	-1820	-1816	-1813	-1810
				C.C. U21	-1832	-1827	-1823	-1819	-1815	-1811	-1808	-1805	-1802
				C.C. U22	-3073	-3065	-3057	-3050	-3043	-3037	-3031	-3026	-3021
				C.C. U23	-1826	-1821	-1817	-1813	-1809	-1806	-1803	-1800	-1797
				C.C. U24	-1832	-1827	-1823	-1819	-1815	-1811	-1808	-1805	-1802
				C.C. U25	-1841	-1836	-1831	-1827	-1823	-1819	-1815	-1812	-1809
				C.C. U26	-3082	-3074	-3066	-3058	-3051	-3045	-3039	-3034	-3029
				C.C. U27	-1841	-1836	-1831	-1827	-1823	-1819	-1815	-1812	-1809
				C.C. U28	-1841	-1836	-1831	-1827	-1823	-1819	-1815	-1812	-1809
				C.C. U29	-1844	-1839	-1834	-1830	-1826	-1822	-1819	-1815	-1812
				C.C. U30	-3085	-3077	-3069	-3061	-3054	-3048	-3042	-3037	-3032
				C.C. U31	-1846	-1841	-1836	-1832	-1828	-1824	-1820	-1817	-1814
				C.C. U32	-1844	-1839	-1834	-1830	-1826	-1822	-1818	-1815	-1812
				C.C. U33	1877	1871	1867	1862	1858	1854	1851	1847	1845
				C.C. U34	3115	3107	3099	3092	3085	3078	3072	3067	3062
				C.C. U35	1877	1871	1867	1862	1858	1854	1851	1847	1845
				C.C. U36	-1843	-1838	-1833	-1828	-1824	-1820	-1817	-1814	-1811
				C.C. U37	-3084	-3075	-3067	-3060	-3053	-3046	-3040	-3035	-3030
				C.C. U38	-1843	-1838	-1833	-1828	-1824	-1820	-1817	-1814	-1811
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	126	123	120	118	116	115	114	113	113
				C.C.2	-101	-97	-95	-92	-90	-89	-88	-87	-87
				C.C.3	199	194	190	186	182	180	178	177	177
				C.C.4	-179	-174	-169	-165	-162	-160	-158	-157	-156
				C.C. U1	129	126	123	121	119	118	117	117	117
				C.C. U2	204	198	194	190	187	185	183	183	183
				C.C. U3	129	126	124	122	120	119	118	118	118
				C.C. U4	128	125	123	121	119	118	117	116	116
				C.C. U5	133	130	127	124	122	120	119	118	117
				C.C. U6	208	203	198	193	190	187	185	184	183
				C.C. U7	137	133	130	127	124	123	121	120	119
				C.C. U8	133	130	127	124	122	120	119	118	117
				C.C. U9	129	126	123	121	119	118	117	116	116
				C.C. U10	204	199	194	190	187	185	183	182	181
				C.C. U11	130	127	124	122	120	118	117	117	116
				C.C. U12	129	126	123	121	119	117	116	116	115
				C.C. U13	125	122	119	116	115	113	112	111	111
				C.C. U14	200	194	190	186	183	180	178	177	177
				C.C. U15	122	119	117	114	112	111	110	109	109
				C.C. U16	125	121	119	116	114	113	112	111	111
				C.C. U17	-98	-95	-92	-90	-87	-86	-84	-84	-83
				C.C. U18	-175	-169	-165	-161	-157	-154	-152	-151	-151
				C.C. U19	-98	-95	-92	-89	-87	-85	-83	-82	-82
				C.C. U20	-99	-95	-92	-90	-88	-86	-85	-84	-83
				C.C. U21	-94	-91	-88	-86	-85	-84	-83	-82	-83
				C.C. U22	-170	-165	-161	-157	-154	-152	-151	-150	-150
				C.C. U23	-91	-88	-86	-84	-82	-81	-81	-80	-81
				C.C. U24	-94	-91	-89	-87	-85	-84	-83	-83	-83
				C.C. U25	-98	-95	-92	-90	-88	-86	-85	-84	-84
				C.C. U26	-174	-169	-164	-160	-157	-155	-153	-152	-152
				C.C. U27	-97	-94	-91	-89	-87	-85	-84	-84	-84
				C.C. U28	-98	-95	-92	-90	-88	-86	-85	-85	-84

				C.C. U29	-102	-99	-96	-94	-92	-91	-90	-89	-89
				C.C. U30	-179	-173	-169	-165	-162	-159	-158	-156	-156
				C.C. U31	-105	-101	-99	-96	-94	-93	-92	-91	-91
				C.C. U32	-102	-99	-97	-94	-92	-91	-90	-89	-89
				C.C. U33	127	124	121	119	117	115	114	114	113
				C.C. U34	202	197	192	188	185	182	181	180	179
				C.C. U35	127	124	121	119	117	115	114	113	113
				C.C. U36	-100	-97	-94	-92	-90	-88	-87	-87	-86
				C.C. U37	-177	-171	-167	-163	-160	-157	-155	-154	-154
				C.C. U38	-100	-97	-94	-92	-90	-89	-87	-87	-87
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	83	83	84	85	87	88	91	94	97
				C.C.2	-59	-59	-60	-61	-62	-64	-66	-69	-72
				C.C.3	128	128	129	131	134	137	141	145	151
				C.C.4	-109	-109	-110	-112	-114	-117	-121	-126	-131
				C.C. U1	85	85	86	88	89	91	94	97	100
				C.C. U2	132	132	133	135	138	142	146	150	156
				C.C. U3	85	86	87	88	90	92	95	98	101
				C.C. U4	85	85	86	87	89	91	94	97	100
				C.C. U5	88	88	88	89	90	92	94	96	99
				C.C. U6	134	134	135	137	139	142	145	150	155
				C.C. U7	89	89	89	90	91	92	94	97	99
				C.C. U8	87	87	88	89	90	91	93	96	99
				C.C. U9	86	86	86	88	89	91	93	96	99
				C.C. U10	132	133	134	135	138	141	145	150	155
				C.C. U11	86	86	87	88	90	91	94	97	100
				C.C. U12	86	86	86	87	89	91	93	96	99
				C.C. U13	82	82	83	84	85	87	90	92	96
				C.C. U14	129	129	130	132	134	138	141	146	151
				C.C. U15	80	80	81	82	84	85	88	91	94
				C.C. U16	82	82	83	84	85	87	90	92	96
				C.C. U17	-57	-57	-57	-58	-60	-61	-63	-66	-69
				C.C. U18	-105	-105	-106	-108	-110	-113	-117	-121	-126
				C.C. U19	-57	-57	-57	-58	-59	-61	-63	-65	-68
				C.C. U20	-57	-57	-57	-58	-60	-61	-63	-66	-69
				C.C. U21	-54	-55	-56	-57	-59	-61	-64	-67	-70
				C.C. U22	-102	-103	-104	-106	-109	-113	-117	-122	-127
				C.C. U23	-53	-53	-54	-56	-58	-60	-63	-66	-70
				C.C. U24	-54	-55	-56	-57	-59	-61	-64	-67	-70
				C.C. U25	-56	-57	-57	-58	-60	-62	-64	-67	-70
				C.C. U26	-104	-105	-106	-108	-110	-113	-117	-122	-127
				C.C. U27	-56	-56	-57	-58	-59	-61	-64	-66	-69
				C.C. U28	-56	-57	-57	-58	-60	-62	-64	-67	-70
				C.C. U29	-60	-60	-61	-62	-63	-65	-68	-70	-74
				C.C. U30	-108	-108	-109	-111	-114	-117	-121	-125	-131
				C.C. U31	-62	-62	-63	-64	-65	-67	-69	-72	-75
				C.C. U32	-60	-60	-61	-62	-63	-65	-68	-70	-74
				C.C. U33	84	84	85	86	87	89	91	94	97
				C.C. U34	130	131	132	134	136	139	143	148	153
				C.C. U35	84	84	85	86	87	89	91	94	97
				C.C. U36	-58	-58	-59	-60	-62	-63	-66	-69	-72
				C.C. U37	-106	-107	-108	-109	-112	-115	-119	-124	-129
				C.C. U38	-58	-58	-59	-60	-62	-64	-66	-69	-72
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	1877	1880	1883	1887	1891	1895	1899	1904	1909
				C.C.2	-1845	-1848	-1851	-1855	-1859	-1863	-1867	-1872	-1877
				C.C.3	3115	3120	3125	3131	3137	3144	3152	3160	3168
				C.C.4	-3089	-3094	-3099	-3105	-3112	-3119	-3126	-3134	-3143
				C.C. U1	1880	1883	1887	1890	1894	1899	1903	1908	1913
				C.C. U2	3120	3125	3130	3137	3143	3150	3158	3166	3175
				C.C. U3	1880	1884	1887	1891	1895	1900	1904	1909	1915
				C.C. U4	1880	1883	1887	1890	1894	1899	1903	1908	1913
				C.C. U5	1879	1881	1884	1888	1891	1895	1899	1904	1909
				C.C. U6	3118	3123	3128	3134	3140	3147	3154	3162	3170
				C.C. U7	1878	1880	1883	1886	1890	1894	1898	1902	1907
				C.C. U8	1879	1881	1884	1888	1891	1895	1899	1904	1909
				C.C. U9	1879	1882	1886	1889	1893	1897	1902	1906	1911
				C.C. U10	3119	3124	3129	3135	3142	3149	3156	3164	3173
				C.C. U11	1879	1882	1886	1889	1893	1897	1902	1906	1911
				C.C. U12	1879	1882	1886	1889	1893	1897	1902	1906	1911
				C.C. U13	1877	1879	1883	1886	1890	1894	1899	1903	1909
				C.C. U14	3116	3121	3127	3132	3139	3146	3153	3161	3170



				C.C. U15	1875	1877	1881	1884	1888	1892	1897	1902	1907
				C.C. U16	1877	1879	1883	1886	1890	1894	1899	1903	1909
				C.C. U17	-1842	-1845	-1848	-1851	-1855	-1859	-1863	-1868	-1873
				C.C. U18	-3084	-3089	-3094	-3100	-3106	-3113	-3120	-3128	-3136
				C.C. U19	-1842	-1845	-1847	-1851	-1854	-1858	-1862	-1867	-1872
				C.C. U20	-1842	-1845	-1848	-1851	-1855	-1859	-1863	-1868	-1873
				C.C. U21	-1844	-1847	-1850	-1854	-1858	-1863	-1867	-1872	-1878
				C.C. U22	-3086	-3091	-3096	-3102	-3109	-3116	-3124	-3132	-3141
				C.C. U23	-1844	-1848	-1851	-1855	-1859	-1864	-1869	-1874	-1879
				C.C. U24	-1844	-1847	-1850	-1854	-1858	-1863	-1867	-1872	-1878
				C.C. U25	-1843	-1846	-1849	-1853	-1856	-1861	-1865	-1870	-1875
				C.C. U26	-3085	-3090	-3095	-3101	-3107	-3114	-3122	-3130	-3138
				C.C. U27	-1843	-1846	-1849	-1853	-1856	-1861	-1865	-1870	-1875
				C.C. U28	-1843	-1846	-1849	-1853	-1856	-1861	-1865	-1870	-1875
				C.C. U29	-1846	-1849	-1852	-1855	-1859	-1863	-1868	-1873	-1878
				C.C. U30	-3088	-3092	-3098	-3104	-3110	-3117	-3124	-3132	-3141
				C.C. U31	-1848	-1851	-1854	-1857	-1861	-1865	-1870	-1875	-1880
				C.C. U32	-1846	-1849	-1852	-1855	-1859	-1863	-1868	-1873	-1878
				C.C. U33	1878	1881	1884	1888	1892	1896	1900	1905	1910
				C.C. U34	3118	3123	3128	3134	3140	3147	3155	3163	3171
				C.C. U35	1878	1881	1884	1888	1892	1896	1900	1905	1910
				C.C. U36	-1844	-1847	-1850	-1854	-1858	-1862	-1866	-1871	-1876
				C.C. U37	-3086	-3091	-3096	-3102	-3109	-3115	-3123	-3131	-3139
				C.C. U38	-1844	-1847	-1850	-1854	-1858	-1862	-1866	-1871	-1876
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	2338	2334	2330	2326	2323	2320	2318	2316	2314
				C.C.2	-2371	-2367	-2364	-2360	-2357	-2354	-2352	-2349	-2347
				C.C.3	3912	3905	3899	3893	3888	3883	3879	3875	3872
				C.C.4	-3936	-3930	-3923	-3918	-3912	-3908	-3903	-3900	-3896
				C.C. U1	2338	2334	2331	2327	2324	2321	2318	2316	2314
				C.C. U2	3909	3903	3896	3891	3885	3881	3876	3873	3869
				C.C. U3	2340	2336	2332	2328	2325	2322	2320	2318	2316
				C.C. U4	2341	2336	2333	2329	2326	2323	2321	2318	2316
				C.C. U5	2338	2334	2330	2326	2323	2320	2318	2316	2314
				C.C. U6	3909	3902	3896	3890	3885	3880	3876	3872	3869
				C.C. U7	2339	2334	2331	2327	2324	2321	2319	2317	2315
				C.C. U8	2340	2336	2332	2329	2325	2323	2320	2318	2316
				C.C. U9	2337	2333	2329	2326	2324	2321	2319	2317	2316
				C.C. U10	3908	3901	3895	3890	3885	3881	3877	3874	3871
				C.C. U11	2337	2333	2330	2327	2325	2323	2321	2319	2318
				C.C. U12	2339	2335	2332	2329	2326	2323	2321	2319	2318
				C.C. U13	2353	2348	2344	2341	2337	2334	2331	2328	2326
				C.C. U14	3924	3917	3910	3904	3899	3893	3889	3885	3881
				C.C. U15	2364	2359	2355	2351	2347	2344	2341	2338	2335
				C.C. U16	2355	2351	2347	2343	2339	2336	2333	2331	2328
				C.C. U17	-2371	-2367	-2363	-2359	-2356	-2353	-2351	-2349	-2347
				C.C. U18	-3939	-3932	-3926	-3920	-3915	-3910	-3906	-3902	-3899
				C.C. U19	-2370	-2365	-2362	-2358	-2355	-2352	-2350	-2347	-2345
				C.C. U20	-2369	-2365	-2361	-2357	-2354	-2351	-2349	-2346	-2344
				C.C. U21	-2371	-2367	-2364	-2360	-2357	-2354	-2351	-2349	-2347
				C.C. U22	-3940	-3933	-3927	-3921	-3916	-3911	-3907	-3903	-3899
				C.C. U23	-2371	-2367	-2363	-2359	-2356	-2353	-2351	-2348	-2346
				C.C. U24	-2369	-2365	-2361	-2358	-2355	-2352	-2349	-2347	-2345
				C.C. U25	-2373	-2368	-2364	-2360	-2357	-2353	-2350	-2348	-2345
				C.C. U26	-3941	-3934	-3927	-3921	-3915	-3910	-3905	-3901	-3897
				C.C. U27	-2373	-2368	-2363	-2359	-2355	-2352	-2349	-2346	-2343
				C.C. U28	-2370	-2366	-2362	-2358	-2354	-2351	-2348	-2345	-2343
				C.C. U29	-2356	-2353	-2349	-2346	-2343	-2341	-2338	-2336	-2335
				C.C. U30	-3925	-3918	-3912	-3907	-3902	-3897	-3893	-3890	-3887
				C.C. U31	-2345	-2342	-2339	-2336	-2333	-2331	-2329	-2327	-2325
				C.C. U32	-2354	-2350	-2347	-2344	-2341	-2338	-2336	-2334	-2333
				C.C. U33	2339	2334	2331	2327	2324	2321	2319	2316	2314
				C.C. U34	3910	3903	3897	3891	3885	3881	3876	3873	3869
				C.C. U35	2341	2337	2333	2329	2326	2323	2321	2318	2316
				C.C. U36	-2371	-2367	-2363	-2359	-2356	-2353	-2351	-2349	-2347
				C.C. U37	-3939	-3932	-3926	-3920	-3915	-3910	-3906	-3902	-3899
				C.C. U38	-2368	-2364	-2361	-2357	-2354	-2351	-2349	-2346	-2344
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	2421	2420	2418	2417	2417	2416	2416	2416	2416
				C.C.2	-2435	-2433	-2432	-2431	-2430	-2429	-2429	-2429	-2430
				C.C.3	4042	4039	4037	4035	4033	4033	4032	4033	4033
				C.C.4	-4052	-4049	-4047	-4045	-4044	-4043	-4043	-4043	-4044

				C.C. U1	2422	2420	2419	2417	2417	2416	2416	2416	2417
				C.C. U2	4041	4038	4036	4034	4033	4032	4032	4032	4032
				C.C. U3	2422	2420	2419	2418	2417	2416	2416	2416	2417
				C.C. U4	2422	2421	2419	2418	2418	2417	2417	2417	2418
				C.C. U5	2422	2420	2419	2418	2417	2417	2416	2417	2417
				C.C. U6	4041	4038	4036	4034	4033	4032	4032	4032	4033
				C.C. U7	2422	2421	2419	2418	2418	2417	2417	2417	2418
				C.C. U8	2423	2421	2420	2419	2418	2417	2417	2417	2418
				C.C. U9	2431	2429	2429	2428	2428	2427	2428	2428	2429
				C.C. U10	4050	4047	4046	4044	4043	4043	4043	4044	4045
				C.C. U11	2437	2436	2435	2435	2435	2435	2436	2437	2438
				C.C. U12	2432	2430	2429	2429	2428	2428	2429	2429	2430
				C.C. U13	2426	2424	2422	2421	2420	2419	2419	2418	2419
				C.C. U14	4045	4042	4039	4037	4036	4035	4034	4034	4034
				C.C. U15	2429	2427	2425	2424	2422	2421	2421	2420	2420
				C.C. U16	2427	2425	2423	2422	2421	2420	2420	2419	2419
				C.C. U17	-2434	-2433	-2431	-2430	-2430	-2429	-2429	-2429	-2430
				C.C. U18	-4053	-4050	-4048	-4046	-4045	-4044	-4044	-4044	-4045
				C.C. U19	-2434	-2433	-2431	-2430	-2429	-2429	-2429	-2429	-2429
				C.C. U20	-2434	-2432	-2431	-2429	-2429	-2428	-2428	-2428	-2429
				C.C. U21	-2434	-2432	-2431	-2430	-2429	-2429	-2429	-2429	-2429
				C.C. U22	-4052	-4050	-4047	-4046	-4044	-4043	-4043	-4043	-4044
				C.C. U23	-2434	-2432	-2431	-2430	-2429	-2428	-2428	-2428	-2429
				C.C. U24	-2433	-2432	-2430	-2429	-2428	-2428	-2428	-2428	-2428
				C.C. U25	-2425	-2423	-2421	-2420	-2419	-2418	-2417	-2417	-2417
				C.C. U26	-4044	-4040	-4038	-4035	-4034	-4033	-4032	-4032	-4032
				C.C. U27	-2419	-2417	-2415	-2413	-2411	-2410	-2409	-2409	-2408
				C.C. U28	-2424	-2422	-2421	-2419	-2418	-2417	-2416	-2416	-2416
				C.C. U29	-2430	-2429	-2428	-2427	-2426	-2426	-2426	-2427	-2428
				C.C. U30	-4048	-4046	-4044	-4042	-4041	-4041	-4041	-4042	-4043
				C.C. U31	-2427	-2426	-2425	-2424	-2424	-2424	-2424	-2425	-2426
				C.C. U32	-2429	-2428	-2427	-2426	-2426	-2425	-2426	-2426	-2427
				C.C. U33	2422	2420	2419	2418	2417	2416	2416	2416	2417
				C.C. U34	4041	4038	4036	4034	4033	4032	4032	4032	4033
				C.C. U35	2423	2421	2420	2419	2418	2417	2417	2417	2418
				C.C. U36	-2434	-2432	-2431	-2430	-2429	-2429	-2429	-2429	-2429
				C.C. U37	-4052	-4050	-4047	-4046	-4044	-4044	-4043	-4044	-4044
				C.C. U38	-2433	-2432	-2430	-2429	-2428	-2428	-2428	-2428	-2428
<b>7</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	2394	2389	2386	2382	2379	2376	2374	2371	2369
				C.C.2	-2426	-2422	-2419	-2415	-2412	-2409	-2407	-2404	-2402
				C.C.3	4005	3998	3992	3986	3980	3976	3971	3968	3964
				C.C.4	-4029	-4022	-4016	-4010	-4005	-4000	-3996	-3992	-3988
				C.C. U1	2390	2386	2382	2378	2375	2372	2369	2366	2364
				C.C. U2	3998	3991	3985	3979	3973	3968	3964	3960	3956
				C.C. U3	2389	2385	2381	2377	2373	2370	2367	2364	2362
				C.C. U4	2392	2388	2384	2380	2377	2374	2371	2369	2366
				C.C. U5	2395	2390	2387	2383	2380	2377	2374	2372	2370
				C.C. U6	4003	3996	3989	3984	3978	3973	3969	3965	3962
				C.C. U7	2396	2392	2388	2385	2381	2378	2376	2374	2372
				C.C. U8	2397	2392	2389	2385	2382	2379	2376	2374	2372
				C.C. U9	2393	2389	2386	2383	2380	2377	2375	2373	2372
				C.C. U10	4001	3994	3988	3983	3978	3974	3970	3966	3964
				C.C. U11	2393	2389	2386	2384	2381	2379	2377	2376	2374
				C.C. U12	2395	2391	2388	2385	2382	2379	2377	2375	2374
				C.C. U13	2408	2403	2399	2395	2392	2389	2386	2383	2381
				C.C. U14	4016	4008	4002	3996	3990	3985	3980	3976	3973
				C.C. U15	2418	2413	2409	2405	2401	2398	2395	2392	2389
				C.C. U16	2410	2405	2401	2397	2394	2391	2388	2385	2383
				C.C. U17	-2430	-2426	-2422	-2419	-2416	-2413	-2411	-2409	-2407
				C.C. U18	-4035	-4028	-4022	-4017	-4012	-4007	-4003	-4000	-3997
				C.C. U19	-2431	-2427	-2424	-2421	-2418	-2415	-2413	-2411	-2410
				C.C. U20	-2428	-2424	-2420	-2417	-2414	-2411	-2409	-2407	-2405
				C.C. U21	-2426	-2421	-2418	-2414	-2411	-2408	-2406	-2404	-2402
				C.C. U22	-4031	-4024	-4018	-4012	-4007	-4002	-3998	-3994	-3991
				C.C. U23	-2424	-2420	-2416	-2413	-2410	-2407	-2404	-2402	-2400
				C.C. U24	-2423	-2419	-2416	-2412	-2409	-2406	-2404	-2401	-2400
				C.C. U25	-2427	-2423	-2419	-2415	-2411	-2408	-2405	-2402	-2400
				C.C. U26	-4033	-4026	-4019	-4013	-4007	-4002	-3997	-3993	-3989
				C.C. U27	-2427	-2422	-2418	-2414	-2410	-2406	-2403	-2400	-2397
				C.C. U28	-2425	-2421	-2417	-2413	-2409	-2406	-2403	-2400	-2398
				C.C. U29	-2412	-2409	-2405	-2402	-2399	-2397	-2394	-2393	-2391

				C.C. U30	-4018	-4011	-4005	-4000	-3995	-3990	-3986	-3983	-3980
				C.C. U31	-2402	-2399	-2395	-2392	-2390	-2387	-2385	-2384	-2382
				C.C. U32	-2410	-2407	-2403	-2400	-2397	-2395	-2392	-2390	-2389
				C.C. U33	2394	2390	2386	2383	2380	2377	2374	2372	2370
				C.C. U34	4002	3995	3989	3983	3978	3973	3969	3965	3962
				C.C. U35	2396	2392	2388	2385	2382	2379	2376	2374	2372
				C.C. U36	-2426	-2422	-2418	-2415	-2411	-2408	-2406	-2404	-2402
				C.C. U37	-4031	-4024	-4018	-4012	-4007	-4002	-3998	-3994	-3991
				C.C. U38	-2424	-2420	-2416	-2412	-2409	-2406	-2404	-2402	-2400
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	2412	2410	2409	2407	2407	2406	2406	2406	2407
				C.C.2	-2429	-2427	-2426	-2425	-2424	-2424	-2424	-2424	-2424
				C.C.3	4027	4024	4022	4020	4019	4018	4018	4018	4019
				C.C.4	-4040	-4038	-4035	-4034	-4032	-4032	-4031	-4031	-4032
				C.C. U1	2419	2418	2416	2415	2414	2413	2413	2412	2413
				C.C. U2	4034	4031	4028	4026	4025	4024	4023	4023	4024
				C.C. U3	2425	2423	2421	2420	2419	2418	2417	2417	2417
				C.C. U4	2421	2419	2417	2416	2415	2414	2414	2414	2414
				C.C. U5	2412	2410	2409	2408	2407	2406	2406	2406	2407
				C.C. U6	4026	4023	4021	4019	4018	4017	4017	4017	4018
				C.C. U7	2412	2411	2409	2408	2407	2407	2407	2407	2407
				C.C. U8	2413	2411	2410	2409	2408	2407	2407	2407	2408
				C.C. U9	2421	2420	2419	2418	2418	2418	2418	2418	2419
				C.C. U10	4035	4033	4031	4029	4029	4028	4028	4029	4030
				C.C. U11	2427	2426	2426	2425	2425	2425	2426	2427	2428
				C.C. U12	2422	2421	2420	2419	2419	2419	2419	2419	2420
				C.C. U13	2416	2414	2413	2411	2410	2409	2409	2409	2409
				C.C. U14	4031	4027	4025	4023	4021	4020	4019	4019	4020
				C.C. U15	2420	2418	2416	2414	2413	2412	2411	2411	2411
				C.C. U16	2418	2416	2414	2412	2411	2411	2410	2410	2410
				C.C. U17	-2421	-2420	-2419	-2418	-2417	-2417	-2417	-2417	-2418
				C.C. U18	-4034	-4031	-4029	-4028	-4027	-4026	-4026	-4027	-4028
				C.C. U19	-2415	-2414	-2413	-2413	-2412	-2412	-2412	-2413	-2414
				C.C. U20	-2420	-2419	-2417	-2417	-2416	-2416	-2416	-2416	-2417
				C.C. U21	-2429	-2427	-2426	-2425	-2424	-2424	-2423	-2424	-2424
				C.C. U22	-4042	-4039	-4037	-4035	-4034	-4033	-4033	-4033	-4034
				C.C. U23	-2428	-2427	-2425	-2424	-2424	-2423	-2423	-2423	-2424
				C.C. U24	-2428	-2426	-2425	-2424	-2423	-2422	-2422	-2422	-2423
				C.C. U25	-2420	-2418	-2416	-2414	-2413	-2412	-2412	-2412	-2412
				C.C. U26	-4033	-4029	-4027	-4025	-4023	-4022	-4021	-4021	-4021
				C.C. U27	-2413	-2411	-2409	-2407	-2406	-2404	-2404	-2403	-2403
				C.C. U28	-2419	-2417	-2415	-2413	-2412	-2411	-2411	-2410	-2410
				C.C. U29	-2424	-2423	-2422	-2421	-2421	-2420	-2421	-2421	-2422
				C.C. U30	-4037	-4035	-4033	-4031	-4030	-4030	-4030	-4030	-4031
				C.C. U31	-2421	-2419	-2419	-2418	-2418	-2418	-2418	-2419	-2420
				C.C. U32	-2423	-2422	-2421	-2420	-2419	-2419	-2419	-2420	-2421
				C.C. U33	2412	2410	2409	2408	2407	2407	2407	2407	2407
				C.C. U34	4026	4023	4021	4019	4018	4017	4017	4017	4018
				C.C. U35	2413	2412	2410	2409	2408	2408	2408	2408	2408
				C.C. U36	-2428	-2427	-2425	-2424	-2424	-2423	-2423	-2423	-2424
				C.C. U37	-4041	-4039	-4036	-4035	-4033	-4033	-4032	-4033	-4033
				C.C. U38	-2427	-2426	-2424	-2423	-2423	-2422	-2422	-2422	-2423
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	2029	2030	2031	2032	2034	2036	2039	2041	2044
				C.C.2	-2109	-2109	-2110	-2112	-2114	-2116	-2118	-2121	-2124
				C.C.3	3420	3422	3424	3426	3429	3432	3436	3441	3446
				C.C.4	-3476	-3477	-3479	-3481	-3484	-3488	-3492	-3496	-3501
				C.C. U1	2021	2021	2022	2024	2026	2028	2030	2033	2036
				C.C. U2	3403	3405	3407	3409	3412	3415	3419	3424	3429
				C.C. U3	2018	2018	2019	2021	2023	2025	2027	2030	2033
				C.C. U4	2026	2026	2027	2029	2031	2033	2035	2038	2041
				C.C. U5	2033	2034	2035	2037	2039	2041	2043	2046	2049
				C.C. U6	3416	3418	3419	3422	3425	3428	3432	3437	3442
				C.C. U7	2039	2040	2041	2042	2044	2046	2049	2052	2055
				C.C. U8	2038	2039	2040	2042	2044	2046	2048	2051	2054
				C.C. U9	2039	2040	2041	2043	2045	2047	2049	2052	2055
				C.C. U10	3422	3423	3425	3428	3431	3434	3438	3443	3448
				C.C. U11	2048	2050	2051	2053	2054	2057	2059	2062	2064
				C.C. U12	2044	2045	2046	2048	2050	2052	2054	2057	2060
				C.C. U13	2032	2032	2033	2034	2036	2037	2039	2042	2044
				C.C. U14	3415	3416	3417	3419	3422	3425	3429	3433	3438
				C.C. U15	2036	2037	2037	2038	2039	2041	2043	2045	2047

				C.C. U16	2037	2037	2038	2039	2041	2042	2044	2047	2050
				C.C. U17	-2117	-2118	-2119	-2120	-2122	-2124	-2127	-2129	-2133
				C.C. U18	-3493	-3494	-3496	-3498	-3501	-3505	-3509	-3513	-3518
				C.C. U19	-2120	-2121	-2122	-2123	-2125	-2127	-2130	-2132	-2135
				C.C. U20	-2112	-2113	-2114	-2115	-2117	-2119	-2122	-2124	-2127
				C.C. U21	-2104	-2105	-2106	-2107	-2109	-2111	-2114	-2116	-2120
				C.C. U22	-3480	-3481	-3483	-3485	-3488	-3492	-3496	-3500	-3505
				C.C. U23	-2099	-2099	-2100	-2102	-2104	-2106	-2108	-2111	-2114
				C.C. U24	-2099	-2100	-2101	-2102	-2104	-2106	-2109	-2111	-2114
				C.C. U25	-2099	-2099	-2100	-2101	-2103	-2105	-2108	-2110	-2114
				C.C. U26	-3474	-3475	-3477	-3479	-3482	-3486	-3490	-3494	-3500
				C.C. U27	-2089	-2090	-2090	-2092	-2093	-2095	-2098	-2101	-2104
				C.C. U28	-2094	-2094	-2095	-2096	-2098	-2100	-2103	-2105	-2109
				C.C. U29	-2106	-2107	-2108	-2110	-2112	-2115	-2117	-2121	-2124
				C.C. U30	-3481	-3483	-3485	-3488	-3491	-3495	-3499	-3504	-3510
				C.C. U31	-2101	-2103	-2104	-2106	-2109	-2111	-2114	-2118	-2121
				C.C. U32	-2101	-2102	-2103	-2105	-2107	-2110	-2112	-2116	-2119
				C.C. U33	2030	2031	2032	2034	2036	2038	2040	2043	2046
				C.C. U34	3413	3415	3416	3419	3422	3425	3429	3434	3439
				C.C. U35	2036	2036	2037	2039	2041	2043	2045	2048	2051
				C.C. U36	-2107	-2108	-2109	-2110	-2112	-2114	-2117	-2120	-2123
				C.C. U37	-3483	-3484	-3486	-3488	-3491	-3495	-3499	-3503	-3509
				C.C. U38	-2102	-2103	-2104	-2105	-2107	-2109	-2112	-2115	-2118
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	2023	2023	2024	2026	2028	2030	2032	2035	2038
				C.C.2	-2098	-2099	-2100	-2102	-2104	-2106	-2108	-2111	-2114
				C.C.3	3408	3409	3411	3414	3416	3420	3424	3429	3434
				C.C.4	-3460	-3462	-3463	-3466	-3469	-3472	-3476	-3481	-3486
				C.C. U1	2035	2036	2037	2038	2040	2042	2045	2047	2050
				C.C. U2	3412	3413	3415	3418	3421	3424	3428	3433	3438
				C.C. U3	2045	2046	2048	2049	2051	2053	2056	2058	2061
				C.C. U4	2040	2041	2042	2043	2045	2047	2050	2052	2055
				C.C. U5	2022	2023	2024	2026	2027	2029	2032	2035	2038
				C.C. U6	3400	3401	3403	3405	3408	3411	3415	3420	3425
				C.C. U7	2025	2026	2027	2028	2030	2032	2034	2037	2040
				C.C. U8	2027	2028	2029	2031	2032	2034	2037	2040	2043
				C.C. U9	2033	2034	2035	2037	2039	2041	2043	2046	2049
				C.C. U10	3410	3412	3414	3416	3419	3423	3427	3431	3436
				C.C. U11	2042	2043	2045	2046	2048	2051	2053	2055	2058
				C.C. U12	2038	2039	2040	2042	2043	2046	2048	2051	2054
				C.C. U13	2025	2026	2026	2027	2029	2031	2033	2035	2038
				C.C. U14	3402	3403	3405	3407	3409	3413	3416	3421	3425
				C.C. U15	2029	2030	2030	2031	2032	2034	2036	2038	2040
				C.C. U16	2030	2031	2031	2032	2034	2036	2038	2040	2043
				C.C. U17	-2086	-2087	-2088	-2089	-2091	-2093	-2096	-2098	-2102
				C.C. U18	-3456	-3458	-3459	-3462	-3464	-3468	-3472	-3477	-3482
				C.C. U19	-2076	-2076	-2077	-2078	-2080	-2082	-2085	-2088	-2091
				C.C. U20	-2081	-2082	-2083	-2084	-2086	-2088	-2091	-2094	-2097
				C.C. U21	-2098	-2099	-2100	-2102	-2104	-2106	-2108	-2111	-2114
				C.C. U22	-3469	-3470	-3472	-3474	-3477	-3481	-3485	-3489	-3495
				C.C. U23	-2096	-2097	-2098	-2099	-2101	-2103	-2106	-2109	-2112
				C.C. U24	-2094	-2094	-2096	-2097	-2099	-2101	-2103	-2106	-2109
				C.C. U25	-2088	-2089	-2090	-2091	-2093	-2095	-2097	-2100	-2103
				C.C. U26	-3458	-3459	-3461	-3463	-3466	-3470	-3474	-3478	-3484
				C.C. U27	-2079	-2079	-2080	-2081	-2083	-2085	-2087	-2090	-2094
				C.C. U28	-2083	-2084	-2085	-2086	-2088	-2090	-2092	-2095	-2098
				C.C. U29	-2096	-2097	-2098	-2100	-2102	-2105	-2107	-2111	-2114
				C.C. U30	-3466	-3468	-3470	-3472	-3476	-3480	-3484	-3489	-3494
				C.C. U31	-2091	-2093	-2094	-2096	-2099	-2101	-2104	-2108	-2111
				C.C. U32	-2091	-2092	-2093	-2095	-2097	-2100	-2103	-2106	-2109
				C.C. U33	2024	2025	2026	2027	2029	2031	2034	2036	2039
				C.C. U34	3401	3402	3404	3407	3410	3413	3417	3422	3427
				C.C. U35	2029	2030	2031	2032	2034	2036	2038	2041	2044
				C.C. U36	-2097	-2098	-2099	-2100	-2102	-2104	-2107	-2109	-2113
				C.C. U37	-3467	-3468	-3470	-3473	-3476	-3479	-3483	-3488	-3493
				C.C. U38	-2092	-2093	-2094	-2095	-2097	-2099	-2102	-2104	-2108
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	1105	1099	1094	1089	1085	1081	1077	1075	1072
				C.C.2	-1137	-1131	-1125	-1120	-1116	-1112	-1109	-1106	-1104
				C.C.3	1857	1847	1839	1830	1823	1817	1811	1806	1802
				C.C.4	-1879	-1869	-1860	-1852	-1845	-1838	-1833	-1828	-1824
				C.C. U1	1115	1109	1103	1098	1094	1090	1086	1083	1080

				C.C. U2	1863	1854	1844	1836	1829	1822	1816	1811	1807
				C.C. U3	1122	1115	1110	1105	1100	1096	1092	1089	1086
				C.C. U4	1118	1112	1106	1101	1097	1093	1089	1086	1083
				C.C. U5	1112	1106	1100	1095	1090	1086	1082	1079	1077
				C.C. U6	1860	1850	1841	1833	1825	1818	1813	1808	1803
				C.C. U7	1116	1110	1104	1099	1094	1090	1086	1083	1080
				C.C. U8	1115	1109	1103	1098	1093	1089	1085	1082	1080
				C.C. U9	1109	1103	1098	1093	1089	1085	1081	1078	1076
				C.C. U10	1858	1848	1839	1831	1824	1817	1812	1807	1803
				C.C. U11	1112	1106	1101	1096	1092	1088	1084	1081	1079
				C.C. U12	1112	1106	1101	1096	1092	1088	1084	1081	1079
				C.C. U13	1107	1101	1096	1091	1087	1083	1079	1077	1074
				C.C. U14	1856	1846	1837	1829	1822	1815	1810	1805	1801
				C.C. U15	1109	1103	1098	1093	1088	1085	1081	1078	1076
				C.C. U16	1110	1104	1099	1094	1090	1086	1082	1080	1077
				C.C. U17	-1127	-1121	-1116	-1111	-1107	-1103	-1100	-1098	-1095
				C.C. U18	-1873	-1863	-1854	-1846	-1839	-1833	-1828	-1823	-1819
				C.C. U19	-1120	-1115	-1110	-1105	-1101	-1097	-1094	-1092	-1089
				C.C. U20	-1124	-1118	-1113	-1108	-1104	-1100	-1097	-1095	-1092
				C.C. U21	-1130	-1125	-1119	-1115	-1111	-1107	-1104	-1101	-1099
				C.C. U22	-1876	-1866	-1858	-1850	-1843	-1837	-1831	-1827	-1823
				C.C. U23	-1125	-1120	-1115	-1111	-1107	-1103	-1100	-1098	-1096
				C.C. U24	-1127	-1122	-1116	-1112	-1108	-1104	-1101	-1098	-1096
				C.C. U25	-1133	-1127	-1121	-1117	-1112	-1108	-1105	-1102	-1100
				C.C. U26	-1879	-1869	-1860	-1852	-1844	-1838	-1832	-1827	-1823
				C.C. U27	-1130	-1124	-1118	-1114	-1109	-1105	-1102	-1099	-1097
				C.C. U28	-1130	-1124	-1118	-1114	-1109	-1105	-1102	-1099	-1097
				C.C. U29	-1135	-1129	-1123	-1118	-1114	-1110	-1107	-1104	-1102
				C.C. U30	-1880	-1871	-1862	-1853	-1846	-1840	-1834	-1829	-1825
				C.C. U31	-1133	-1127	-1122	-1117	-1112	-1108	-1105	-1102	-1100
				C.C. U32	-1132	-1126	-1120	-1115	-1111	-1107	-1104	-1101	-1099
				C.C. U33	1107	1101	1096	1091	1086	1082	1079	1076	1074
				C.C. U34	1855	1846	1837	1829	1821	1815	1809	1804	1800
				C.C. U35	1110	1104	1099	1094	1089	1085	1082	1079	1077
				C.C. U36	-1135	-1129	-1124	-1119	-1114	-1111	-1107	-1104	-1102
				C.C. U37	-1881	-1871	-1862	-1854	-1847	-1840	-1835	-1830	-1826
				C.C. U38	-1132	-1126	-1121	-1116	-1111	-1108	-1104	-1101	-1099
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	409	407	405	405	404	405	405	407	409
				C.C.2	-432	-430	-428	-427	-427	-427	-428	-430	-432
				C.C.3	693	689	687	685	685	685	687	689	693
				C.C.4	-709	-705	-703	-701	-701	-701	-703	-705	-709
				C.C. U1	409	406	405	404	403	403	404	405	407
				C.C. U2	690	686	684	682	681	682	683	685	689
				C.C. U3	409	406	404	403	403	403	403	404	406
				C.C. U4	411	409	407	406	405	405	406	407	409
				C.C. U5	414	412	410	409	408	408	409	410	412
				C.C. U6	695	692	689	687	686	687	688	690	693
				C.C. U7	418	415	413	412	411	411	411	412	414
				C.C. U8	416	414	412	411	410	410	411	412	414
				C.C. U9	407	405	404	403	402	403	404	405	407
				C.C. U10	688	685	682	681	680	681	682	685	689
				C.C. U11	406	404	403	402	401	402	403	404	406
				C.C. U12	409	407	406	405	405	405	406	407	409
				C.C. U13	412	410	408	407	407	407	408	410	412
				C.C. U14	693	690	687	686	685	686	687	690	693
				C.C. U15	414	412	410	409	409	409	410	412	414
				C.C. U16	414	412	410	410	409	410	410	412	414
				C.C. U17	-432	-430	-429	-428	-428	-429	-430	-432	-434
				C.C. U18	-712	-708	-706	-705	-704	-705	-707	-709	-713
				C.C. U19	-432	-430	-429	-429	-429	-429	-431	-432	-435
				C.C. U20	-430	-428	-427	-426	-426	-427	-428	-429	-432
				C.C. U21	-427	-425	-424	-423	-423	-424	-425	-427	-429
				C.C. U22	-706	-703	-701	-699	-699	-700	-702	-705	-708
				C.C. U23	-423	-422	-421	-420	-420	-421	-422	-424	-427
				C.C. U24	-425	-423	-422	-421	-421	-422	-423	-425	-427
				C.C. U25	-434	-432	-430	-429	-429	-429	-430	-432	-434
				C.C. U26	-713	-710	-707	-706	-705	-706	-707	-710	-713
				C.C. U27	-435	-433	-431	-430	-430	-430	-431	-433	-435
				C.C. U28	-432	-430	-428	-427	-427	-427	-428	-430	-432
				C.C. U29	-429	-427	-426	-425	-424	-425	-426	-427	-429
				C.C. U30	-708	-705	-702	-701	-700	-701	-702	-705	-708

				C.C. U31	-427	-425	-423	-423	-422	-423	-423	-425	-427
				C.C. U32	-427	-425	-423	-422	-422	-422	-423	-425	-427
				C.C. U33	410	408	407	406	405	406	407	408	410
				C.C. U34	692	688	686	684	684	684	686	688	692
				C.C. U35	412	410	409	408	408	408	409	410	412
				C.C. U36	-431	-429	-427	-426	-426	-426	-427	-429	-431
				C.C. U37	-710	-707	-704	-703	-702	-703	-704	-707	-710
				C.C. U38	-429	-426	-425	-424	-424	-424	-425	-426	-429
<b>13</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	1057	1059	1062	1065	1069	1073	1078	1084	1090
				C.C.2	-1090	-1093	-1096	-1099	-1103	-1107	-1112	-1118	-1123
				C.C.3	1777	1781	1786	1791	1798	1805	1813	1822	1832
				C.C.4	-1801	-1805	-1810	-1816	-1822	-1829	-1837	-1846	-1856
				C.C. U1	1050	1052	1055	1058	1062	1066	1070	1076	1081
				C.C. U2	1767	1771	1775	1781	1787	1794	1802	1811	1820
				C.C. U3	1046	1048	1050	1053	1057	1061	1066	1071	1076
				C.C. U4	1053	1055	1058	1061	1065	1069	1073	1079	1084
				C.C. U5	1060	1062	1064	1068	1071	1075	1080	1085	1091
				C.C. U6	1777	1780	1785	1790	1797	1804	1812	1820	1830
				C.C. U7	1062	1064	1067	1070	1073	1077	1081	1086	1092
				C.C. U8	1063	1065	1067	1071	1074	1078	1083	1088	1094
				C.C. U9	1060	1063	1066	1069	1073	1077	1082	1087	1093
				C.C. U10	1777	1781	1786	1792	1798	1806	1814	1823	1832
				C.C. U11	1063	1066	1069	1072	1076	1080	1085	1090	1096
				C.C. U12	1063	1066	1069	1072	1076	1080	1085	1091	1096
				C.C. U13	1058	1061	1064	1067	1071	1075	1080	1086	1091
				C.C. U14	1776	1780	1784	1790	1796	1804	1812	1821	1831
				C.C. U15	1060	1063	1065	1069	1073	1077	1082	1087	1093
				C.C. U16	1062	1064	1067	1070	1074	1078	1083	1089	1095
				C.C. U17	-1097	-1100	-1103	-1106	-1110	-1115	-1120	-1126	-1132
				C.C. U18	-1811	-1815	-1820	-1826	-1833	-1840	-1849	-1858	-1868
				C.C. U19	-1101	-1104	-1107	-1111	-1115	-1120	-1125	-1130	-1137
				C.C. U20	-1094	-1097	-1100	-1103	-1107	-1112	-1117	-1123	-1129
				C.C. U21	-1087	-1090	-1093	-1097	-1101	-1105	-1111	-1116	-1122
				C.C. U22	-1801	-1806	-1811	-1817	-1823	-1831	-1839	-1848	-1859
				C.C. U23	-1085	-1088	-1091	-1095	-1099	-1104	-1109	-1115	-1121
				C.C. U24	-1084	-1087	-1090	-1094	-1098	-1102	-1108	-1113	-1119
				C.C. U25	-1087	-1089	-1092	-1095	-1099	-1104	-1108	-1114	-1120
				C.C. U26	-1801	-1805	-1810	-1815	-1822	-1829	-1837	-1846	-1856
				C.C. U27	-1084	-1086	-1089	-1092	-1096	-1101	-1105	-1111	-1117
				C.C. U28	-1084	-1086	-1089	-1092	-1096	-1100	-1105	-1111	-1117
				C.C. U29	-1088	-1091	-1094	-1097	-1101	-1105	-1110	-1116	-1121
				C.C. U30	-1803	-1807	-1811	-1817	-1823	-1831	-1839	-1848	-1858
				C.C. U31	-1087	-1089	-1092	-1095	-1099	-1104	-1108	-1114	-1120
				C.C. U32	-1085	-1088	-1091	-1094	-1098	-1102	-1107	-1113	-1118
				C.C. U33	1058	1060	1063	1067	1071	1075	1080	1085	1091
				C.C. U34	1775	1779	1784	1790	1796	1803	1811	1820	1830
				C.C. U35	1061	1064	1066	1070	1074	1078	1083	1088	1094
				C.C. U36	-1089	-1091	-1094	-1097	-1101	-1106	-1111	-1116	-1122
				C.C. U37	-1803	-1807	-1812	-1817	-1824	-1831	-1839	-1848	-1858
				C.C. U38	-1086	-1088	-1091	-1094	-1098	-1103	-1108	-1113	-1119
<b>14</b>	<b>piano 1</b>	<b>1, 2</b>	<b>280.00</b>		<b>(X=0)</b>	<b>(X=35)</b>	<b>(X=70)</b>	<b>(X=105)</b>	<b>(X=140)</b>	<b>(X=175)</b>	<b>(X=210)</b>	<b>(X=245)</b>	<b>(X=L)</b>
				C.C.1	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C.2	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.3	-56	-56	-56	-56	-56	-56	-56	-56	-56
				C.C.4	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U1	-56	-56	-56	-56	-56	-56	-56	-56	-56
				C.C. U2	-63	-63	-63	-63	-63	-63	-63	-63	-63
				C.C. U3	-53	-53	-53	-53	-53	-53	-53	-53	-53
				C.C. U4	-58	-58	-58	-58	-58	-58	-58	-58	-58
				C.C. U5	-70	-70	-70	-70	-70	-70	-70	-70	-70
				C.C. U6	-77	-77	-77	-77	-77	-77	-77	-77	-77
				C.C. U7	-76	-76	-76	-76	-76	-76	-76	-76	-76
				C.C. U8	-72	-72	-72	-72	-72	-72	-72	-72	-72
				C.C. U9	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C. U10	-62	-62	-62	-62	-62	-62	-62	-62	-62
				C.C. U11	-51	-51	-51	-51	-51	-51	-51	-51	-51
				C.C. U12	-57	-57	-57	-57	-57	-57	-57	-57	-57
				C.C. U13	-60	-60	-60	-60	-60	-60	-60	-60	-60
				C.C. U14	-67	-67	-67	-67	-67	-67	-67	-67	-67
				C.C. U15	-60	-60	-60	-60	-60	-60	-60	-60	-60

				C.C. U16	-62	-62	-62	-62	-62	-62	-62	-62	-62
				C.C. U17	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U18	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U19	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U20	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U21	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U22	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U23	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U24	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U25	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U26	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U27	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U28	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U29	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U30	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U31	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U32	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C. U33	-58	-58	-58	-58	-58	-58	-58	-58	-58
				C.C. U34	-65	-65	-65	-65	-65	-65	-65	-65	-65
				C.C. U35	-60	-60	-60	-60	-60	-60	-60	-60	-60
				C.C. U36	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U37	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U38	-33	-33	-33	-33	-33	-33	-33	-33	-33
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.00</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	58	58	58	58	58	58	58	58	58
				C.C.2	66	66	66	66	66	66	66	66	66
				C.C.3	38	38	38	38	38	38	38	38	38
				C.C.4	51	51	51	51	51	51	51	51	51
				C.C. U1	97	97	97	97	97	97	97	97	97
				C.C. U2	89	89	89	89	89	89	89	89	89
				C.C. U3	119	119	119	119	119	119	119	119	119
				C.C. U4	88	88	88	88	88	88	88	88	88
				C.C. U5	61	61	61	61	61	61	61	61	61
				C.C. U6	53	53	53	53	53	53	53	53	53
				C.C. U7	60	60	60	60	60	60	60	60	60
				C.C. U8	52	52	52	52	52	52	52	52	52
				C.C. U9	163	163	163	163	163	163	163	163	163
				C.C. U10	155	155	155	155	155	155	155	155	155
				C.C. U11	230	230	230	230	230	230	230	230	230
				C.C. U12	155	155	155	155	155	155	155	155	155
				C.C. U13	-40	-40	-40	-40	-40	-40	-40	-40	-40
				C.C. U14	-48	-48	-48	-48	-48	-48	-48	-48	-48
				C.C. U15	-108	-108	-108	-108	-108	-108	-108	-108	-108
				C.C. U16	-48	-48	-48	-48	-48	-48	-48	-48	-48
				C.C. U17	105	105	105	105	105	105	105	105	105
				C.C. U18	102	102	102	102	102	102	102	102	102
				C.C. U19	127	127	127	127	127	127	127	127	127
				C.C. U20	96	96	96	96	96	96	96	96	96
				C.C. U21	69	69	69	69	69	69	69	69	69
				C.C. U22	67	67	67	67	67	67	67	67	67
				C.C. U23	68	68	68	68	68	68	68	68	68
				C.C. U24	60	60	60	60	60	60	60	60	60
				C.C. U25	171	171	171	171	171	171	171	171	171
				C.C. U26	169	169	169	169	169	169	169	169	169
				C.C. U27	238	238	238	238	238	238	238	238	238
				C.C. U28	163	163	163	163	163	163	163	163	163
				C.C. U29	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U30	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U31	-100	-100	-100	-100	-100	-100	-100	-100	-100
				C.C. U32	-40	-40	-40	-40	-40	-40	-40	-40	-40
				C.C. U33	55	55	55	55	55	55	55	55	55
				C.C. U34	47	47	47	47	47	47	47	47	47
				C.C. U35	46	46	46	46	46	46	46	46	46
				C.C. U36	63	63	63	63	63	63	63	63	63
				C.C. U37	60	60	60	60	60	60	60	60	60
				C.C. U38	54	54	54	54	54	54	54	54	54
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0

				C.C. U1	16	16	16	16	16	16	16	16	16
				C.C. U2	16	16	16	16	16	16	16	16	16
				C.C. U3	26	26	26	26	26	26	26	26	26
				C.C. U4	16	16	16	16	16	16	16	16	16
				C.C. U5	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U6	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U7	-77	-77	-77	-77	-77	-77	-77	-77	-77
				C.C. U8	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U9	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U10	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U11	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U12	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U13	6	6	6	6	6	6	6	6	6
				C.C. U14	6	6	6	6	6	6	6	6	6
				C.C. U15	10	10	10	10	10	10	10	10	10
				C.C. U16	6	6	6	6	6	6	6	6	6
				C.C. U17	16	16	16	16	16	16	16	16	16
				C.C. U18	16	16	16	16	16	16	16	16	16
				C.C. U19	26	26	26	26	26	26	26	26	26
				C.C. U20	16	16	16	16	16	16	16	16	16
				C.C. U21	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U22	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U23	-77	-77	-77	-77	-77	-77	-77	-77	-77
				C.C. U24	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U25	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U26	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U27	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U28	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U29	6	6	6	6	6	6	6	6	6
				C.C. U30	6	6	6	6	6	6	6	6	6
				C.C. U31	10	10	10	10	10	10	10	10	10
				C.C. U32	6	6	6	6	6	6	6	6	6
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	131	131	131	131	131	131	131	131	131
				C.C. U2	131	131	131	131	131	131	131	131	131
				C.C. U3	218	218	218	218	218	218	218	218	218
				C.C. U4	131	131	131	131	131	131	131	131	131
				C.C. U5	4	4	4	4	4	4	4	4	4
				C.C. U6	4	4	4	4	4	4	4	4	4
				C.C. U7	7	7	7	7	7	7	7	7	7
				C.C. U8	4	4	4	4	4	4	4	4	4
				C.C. U9	394	394	394	394	394	394	394	394	394
				C.C. U10	394	394	394	394	394	394	394	394	394
				C.C. U11	656	656	656	656	656	656	656	656	656
				C.C. U12	394	394	394	394	394	394	394	394	394
				C.C. U13	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U14	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U15	-340	-340	-340	-340	-340	-340	-340	-340	-340
				C.C. U16	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U17	131	131	131	131	131	131	131	131	131
				C.C. U18	131	131	131	131	131	131	131	131	131
				C.C. U19	218	218	218	218	218	218	218	218	218
				C.C. U20	131	131	131	131	131	131	131	131	131
				C.C. U21	4	4	4	4	4	4	4	4	4
				C.C. U22	4	4	4	4	4	4	4	4	4
				C.C. U23	7	7	7	7	7	7	7	7	7
				C.C. U24	4	4	4	4	4	4	4	4	4
				C.C. U25	394	394	394	394	394	394	394	394	394
				C.C. U26	394	394	394	394	394	394	394	394	394
				C.C. U27	656	656	656	656	656	656	656	656	656
				C.C. U28	394	394	394	394	394	394	394	394	394
				C.C. U29	-204	-204	-204	-204	-204	-204	-204	-204	-204



				C.C. U30	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U31	-340	-340	-340	-340	-340	-340	-340	-340	-340
				C.C. U32	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	61	61	61	61	61	61	61	61	61
				C.C.2	69	69	69	69	69	69	69	69	69
				C.C.3	40	40	40	40	40	40	40	40	40
				C.C.4	54	54	54	54	54	54	54	54	54
				C.C. U1	118	117	116	115	113	112	111	110	108
				C.C. U2	110	109	108	106	105	104	103	101	100
				C.C. U3	153	151	149	147	145	143	141	139	136
				C.C. U4	109	108	107	106	104	103	102	101	100
				C.C. U5	45	45	45	45	45	45	45	45	45
				C.C. U6	37	37	37	37	37	37	37	37	37
				C.C. U7	32	32	32	32	32	32	32	32	32
				C.C. U8	37	37	37	37	37	37	37	37	37
				C.C. U9	166	166	166	166	166	166	166	166	166
				C.C. U10	158	158	158	158	158	158	158	158	158
				C.C. U11	233	233	233	233	233	233	233	233	233
				C.C. U12	157	157	157	157	157	157	157	157	157
				C.C. U13	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U14	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U15	-105	-105	-105	-105	-105	-105	-105	-105	-105
				C.C. U16	-46	-46	-46	-46	-46	-46	-46	-46	-46
				C.C. U17	126	125	124	123	121	120	119	118	116
				C.C. U18	124	122	121	120	119	117	116	115	114
				C.C. U19	161	159	157	155	153	151	149	147	145
				C.C. U20	118	116	115	114	113	111	110	109	108
				C.C. U21	53	53	53	53	53	53	53	53	53
				C.C. U22	51	51	51	51	51	51	51	51	51
				C.C. U23	40	40	40	40	40	40	40	40	40
				C.C. U24	45	45	45	45	45	45	45	45	45
				C.C. U25	174	174	174	174	174	174	174	174	174
				C.C. U26	172	172	172	172	172	172	172	172	172
				C.C. U27	241	241	241	241	241	241	241	241	241
				C.C. U28	166	166	166	166	166	166	166	166	166
				C.C. U29	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U30	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U31	-97	-97	-97	-97	-97	-97	-97	-97	-97
				C.C. U32	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U33	58	58	58	58	58	58	58	58	58
				C.C. U34	50	50	50	50	50	50	50	50	50
				C.C. U35	49	49	49	49	49	49	49	49	49
				C.C. U36	66	66	66	66	66	66	66	66	66
				C.C. U37	63	63	63	63	63	63	63	63	63
				C.C. U38	57	57	57	57	57	57	57	57	57
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U2	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U3	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U4	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U5	101	101	101	101	101	101	101	101	101
				C.C. U6	101	101	101	101	101	101	101	101	101
				C.C. U7	169	169	169	169	169	169	169	169	169
				C.C. U8	101	101	101	101	101	101	101	101	101
				C.C. U9	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U10	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U11	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U12	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U13	6	6	6	6	6	6	6	6	6
				C.C. U14	6	6	6	6	6	6	6	6	6

				C.C. U15	10	10	10	10	10	10	10	10	10
				C.C. U16	6	6	6	6	6	6	6	6	6
				C.C. U17	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U18	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U19	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U20	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U21	101	101	101	101	101	101	101	101	101
				C.C. U22	101	101	101	101	101	101	101	101	101
				C.C. U23	169	169	169	169	169	169	169	169	169
				C.C. U24	101	101	101	101	101	101	101	101	101
				C.C. U25	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U26	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U27	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U28	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U29	6	6	6	6	6	6	6	6	6
				C.C. U30	6	6	6	6	6	6	6	6	6
				C.C. U31	10	10	10	10	10	10	10	10	10
				C.C. U32	6	6	6	6	6	6	6	6	6
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	199	199	199	199	199	199	199	199	199
				C.C. U2	199	199	199	199	199	199	199	199	199
				C.C. U3	332	332	332	332	332	332	332	332	332
				C.C. U4	199	199	199	199	199	199	199	199	199
				C.C. U5	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U6	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U7	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U8	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U9	393	393	393	393	393	393	393	393	393
				C.C. U10	393	393	393	393	393	393	393	393	393
				C.C. U11	656	656	656	656	656	656	656	656	656
				C.C. U12	393	393	393	393	393	393	393	393	393
				C.C. U13	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U14	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U15	-340	-340	-340	-340	-340	-340	-340	-340	-340
				C.C. U16	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U17	199	199	199	199	199	199	199	199	199
				C.C. U18	199	199	199	199	199	199	199	199	199
				C.C. U19	332	332	332	332	332	332	332	332	332
				C.C. U20	199	199	199	199	199	199	199	199	199
				C.C. U21	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U22	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U23	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U24	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U25	393	393	393	393	393	393	393	393	393
				C.C. U26	393	393	393	393	393	393	393	393	393
				C.C. U27	656	656	656	656	656	656	656	656	656
				C.C. U28	393	393	393	393	393	393	393	393	393
				C.C. U29	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U30	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U31	-340	-340	-340	-340	-340	-340	-340	-340	-340
				C.C. U32	-204	-204	-204	-204	-204	-204	-204	-204	-204
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	144	144	144	144	144	144	144	144	144
				C.C.2	153	153	153	153	153	153	153	153	153
				C.C.3	95	95	95	95	95	95	95	95	95
				C.C.4	111	111	111	111	111	111	111	111	111

				C.C. U1	97	97	97	97	97	97	97	97	97
				C.C. U2	80	80	80	80	80	80	80	80	80
				C.C. U3	56	56	56	56	56	56	56	56	56
				C.C. U4	78	78	78	78	78	78	78	78	78
				C.C. U5	136	136	136	136	136	136	136	136	136
				C.C. U6	119	119	119	119	119	119	119	119	119
				C.C. U7	121	121	121	121	121	121	121	121	121
				C.C. U8	117	117	117	117	117	117	117	117	117
				C.C. U9	23	23	22	22	22	21	21	20	20
				C.C. U10	6	6	6	5	5	4	4	3	3
				C.C. U11	-68	-68	-68	-69	-70	-70	-71	-72	-73
				C.C. U12	4	3	3	3	3	2	2	1	1
				C.C. U13	230	230	230	230	230	230	230	230	230
				C.C. U14	214	214	214	214	214	214	214	214	214
				C.C. U15	278	278	278	278	278	278	278	278	278
				C.C. U16	211	211	211	211	211	211	211	211	211
				C.C. U17	106	106	106	106	106	106	106	106	106
				C.C. U18	96	96	96	96	96	96	96	96	96
				C.C. U19	65	65	65	65	65	65	65	65	65
				C.C. U20	87	87	87	87	87	87	87	87	87
				C.C. U21	145	145	145	145	145	145	145	145	145
				C.C. U22	135	135	135	135	135	135	135	135	135
				C.C. U23	130	130	130	130	130	130	130	130	130
				C.C. U24	126	126	126	126	126	126	126	126	126
				C.C. U25	32	32	32	31	31	31	30	30	29
				C.C. U26	22	21	21	21	21	20	20	19	19
				C.C. U27	-58	-59	-59	-60	-60	-61	-62	-63	-64
				C.C. U28	13	13	13	12	12	11	11	10	10
				C.C. U29	240	240	240	240	240	240	240	240	240
				C.C. U30	229	229	229	229	229	229	229	229	229
				C.C. U31	287	287	287	287	287	287	287	287	287
				C.C. U32	221	221	221	221	221	221	221	221	221
				C.C. U33	138	138	138	138	138	138	138	138	138
				C.C. U34	121	121	121	121	121	121	121	121	121
				C.C. U35	119	119	119	119	119	119	119	119	119
				C.C. U36	147	147	147	147	147	147	147	147	147
				C.C. U37	137	137	137	137	137	137	137	137	137
				C.C. U38	128	128	128	128	128	128	128	128	128
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	146	146	146	146	146	146	146	146	146
				C.C.2	155	155	155	155	155	155	155	155	155
				C.C.3	97	97	97	97	97	97	97	97	97
				C.C.4	113	113	113	113	113	113	113	113	113
				C.C. U1	97	97	97	97	96	96	95	95	94
				C.C. U2	81	80	80	80	79	79	79	78	77
				C.C. U3	55	55	54	54	53	52	52	51	50
				C.C. U4	78	78	78	77	77	77	76	76	75
				C.C. U5	152	152	152	152	152	152	152	152	152
				C.C. U6	135	135	135	135	135	135	135	135	135
				C.C. U7	146	146	146	146	146	146	146	146	146
				C.C. U8	133	133	133	133	133	133	133	133	133
				C.C. U9	25	25	25	24	24	23	23	22	22
				C.C. U10	8	8	8	7	7	7	6	6	5
				C.C. U11	-66	-66	-67	-67	-68	-68	-69	-70	-71
				C.C. U12	6	6	5	5	5	4	4	3	3
				C.C. U13	233	233	233	233	233	233	233	233	233
				C.C. U14	216	216	216	216	216	216	216	216	216
				C.C. U15	280	280	280	280	280	280	280	280	280
				C.C. U16	213	213	213	213	213	213	213	213	213
				C.C. U17	107	107	106	106	106	105	105	104	104
				C.C. U18	96	96	96	96	95	95	94	94	93
				C.C. U19	64	64	64	63	63	62	61	60	59
				C.C. U20	88	87	87	87	86	86	86	85	84
				C.C. U21	161	161	161	161	161	161	161	161	161
				C.C. U22	151	151	151	151	151	151	151	151	151
				C.C. U23	155	155	155	155	155	155	155	155	155
				C.C. U24	142	142	142	142	142	142	142	142	142
				C.C. U25	34	34	34	34	33	33	32	32	31
				C.C. U26	24	24	23	23	23	22	22	21	21
				C.C. U27	-56	-57	-57	-58	-58	-59	-60	-61	-62
				C.C. U28	15	15	15	14	14	14	13	13	12
				C.C. U29	242	242	242	242	242	242	242	242	242

				C.C. U30	232	232	232	232	232	232	232	232	232
				C.C. U31	290	290	290	290	290	290	290	290	290
				C.C. U32	223	223	223	223	223	223	223	223	223
				C.C. U33	140	140	140	140	140	140	140	140	140
				C.C. U34	124	124	124	124	124	124	124	124	124
				C.C. U35	121	121	121	121	121	121	121	121	121
				C.C. U36	150	150	150	150	150	150	150	150	150
				C.C. U37	139	139	139	139	139	139	139	139	139
				C.C. U38	131	131	131	131	131	131	131	131	131
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	62	62	62	62	62	62	62	62	62
				C.C.2	56	56	56	56	56	56	56	56	56
				C.C.3	45	45	45	45	45	45	45	45	45
				C.C.4	36	36	36	36	36	36	36	36	36
				C.C. U1	71	71	71	71	71	71	71	71	71
				C.C. U2	67	67	67	67	67	67	67	67	67
				C.C. U3	76	76	76	76	76	76	76	76	76
				C.C. U4	58	58	58	58	58	58	58	58	58
				C.C. U5	39	39	39	39	39	39	39	39	39
				C.C. U6	35	35	35	35	35	35	35	35	35
				C.C. U7	22	22	22	22	22	22	22	22	22
				C.C. U8	26	26	26	26	26	26	26	26	26
				C.C. U9	89	89	89	89	89	89	89	89	89
				C.C. U10	85	85	85	85	85	85	85	85	85
				C.C. U11	106	106	106	106	106	106	106	106	106
				C.C. U12	76	76	76	76	76	76	76	76	76
				C.C. U13	22	22	22	22	22	22	22	22	22
				C.C. U14	18	18	18	18	18	18	18	18	18
				C.C. U15	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U16	9	9	9	9	9	9	9	9	9
				C.C. U17	65	65	65	65	65	65	65	65	65
				C.C. U18	57	57	57	57	57	57	57	57	57
				C.C. U19	70	70	70	70	70	70	70	70	70
				C.C. U20	52	52	52	52	52	52	52	52	52
				C.C. U21	33	33	33	33	33	33	33	33	33
				C.C. U22	25	25	25	25	25	25	25	25	25
				C.C. U23	17	17	17	17	17	17	17	17	17
				C.C. U24	20	20	20	20	20	20	20	20	20
				C.C. U25	83	83	83	83	83	83	83	83	83
				C.C. U26	76	76	76	76	76	76	76	76	76
				C.C. U27	101	101	101	101	101	101	101	101	101
				C.C. U28	70	70	70	70	70	70	70	70	70
				C.C. U29	16	16	16	16	16	16	16	16	16
				C.C. U30	9	9	9	9	9	9	9	9	9
				C.C. U31	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U32	3	3	3	3	3	3	3	3	3
				C.C. U33	55	55	55	55	55	55	55	55	55
				C.C. U34	51	51	51	51	51	51	51	51	51
				C.C. U35	42	42	42	42	42	42	42	42	42
				C.C. U36	49	49	49	49	49	49	49	49	49
				C.C. U37	41	41	41	41	41	41	41	41	41
				C.C. U38	36	36	36	36	36	36	36	36	36
<b>24</b>	<b>piano 1</b>	<b>9, 5</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U2	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U3	-81	-81	-81	-81	-81	-81	-81	-81	-81
				C.C. U4	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U5	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C. U6	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C. U7	-194	-194	-194	-194	-194	-194	-194	-194	-194
				C.C. U8	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C. U9	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U10	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U11	-99	-99	-99	-99	-99	-99	-99	-99	-99
				C.C. U12	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U13	56	56	56	56	56	56	56	56	56
				C.C. U14	56	56	56	56	56	56	56	56	56

				C.C. U15	93	93	93	93	93	93	93	93	93
				C.C. U16	56	56	56	56	56	56	56	56	56
				C.C. U17	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U18	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U19	-81	-81	-81	-81	-81	-81	-81	-81	-81
				C.C. U20	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U21	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C. U22	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C. U23	-194	-194	-194	-194	-194	-194	-194	-194	-194
				C.C. U24	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C. U25	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U26	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U27	-99	-99	-99	-99	-99	-99	-99	-99	-99
				C.C. U28	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U29	56	56	56	56	56	56	56	56	56
				C.C. U30	56	56	56	56	56	56	56	56	56
				C.C. U31	93	93	93	93	93	93	93	93	93
				C.C. U32	56	56	56	56	56	56	56	56	56
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U2	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U3	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U4	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U5	171	171	171	171	171	171	171	171	171
				C.C. U6	171	171	171	171	171	171	171	171	171
				C.C. U7	285	285	285	285	285	285	285	285	285
				C.C. U8	171	171	171	171	171	171	171	171	171
				C.C. U9	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U10	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U11	-98	-98	-98	-98	-98	-98	-98	-98	-98
				C.C. U12	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U13	56	56	56	56	56	56	56	56	56
				C.C. U14	56	56	56	56	56	56	56	56	56
				C.C. U15	93	93	93	93	93	93	93	93	93
				C.C. U16	56	56	56	56	56	56	56	56	56
				C.C. U17	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U18	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U19	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U20	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U21	171	171	171	171	171	171	171	171	171
				C.C. U22	171	171	171	171	171	171	171	171	171
				C.C. U23	285	285	285	285	285	285	285	285	285
				C.C. U24	171	171	171	171	171	171	171	171	171
				C.C. U25	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U26	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U27	-98	-98	-98	-98	-98	-98	-98	-98	-98
				C.C. U28	-59	-59	-59	-59	-59	-59	-59	-59	-59
				C.C. U29	56	56	56	56	56	56	56	56	56
				C.C. U30	56	56	56	56	56	56	56	56	56
				C.C. U31	93	93	93	93	93	93	93	93	93
				C.C. U32	56	56	56	56	56	56	56	56	56
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2790	-3015	-3240	-3465	-3690	-	-	-	-
				C.C.2	-2783	-3008	-3233	-3458	-3683	-	-	-	-
				C.C.3	-2137	-2362	-2587	-2812	-3037	-	-	-	-

				C.C.4	-2126	-2351	-2576	-2801	-3026	-	-	-	-
				C.C. U1	-2831	-3056	-3281	-3506	-3731	-	-	-	-
				C.C. U2	-2637	-2862	-3087	-3312	-3537	-	-	-	-
				C.C. U3	-2629	-2854	-3079	-3304	-3529	-	-	-	-
				C.C. U4	-2685	-2910	-3135	-3360	-3585	-	-	-	-
				C.C. U5	-2841	-3066	-3291	-3516	-3741	-	-	-	-
				C.C. U6	-2647	-2872	-3097	-3322	-3547	-	-	-	-
				C.C. U7	-2646	-2871	-3096	-3321	-3546	-	-	-	-
				C.C. U8	-2695	-2920	-3145	-3370	-3595	-	-	-	-
				C.C. U9	-2811	-3036	-3261	-3486	-3711	-	-	-	-
				C.C. U10	-2617	-2842	-3067	-3292	-3517	-	-	-	-
				C.C. U11	-2596	-2821	-3046	-3271	-3496	-	-	-	-
				C.C. U12	-2665	-2890	-3115	-3340	-3565	-	-	-	-
				C.C. U13	-2848	-3073	-3298	-3523	-3748	-	-	-	-
				C.C. U14	-2654	-2879	-3104	-3329	-3554	-	-	-	-
				C.C. U15	-2657	-2882	-3107	-3332	-3557	-	-	-	-
				C.C. U16	-2702	-2927	-3152	-3377	-3602	-	-	-	-
				C.C. U17	-2824	-3049	-3274	-3499	-3724	-	-	-	-
				C.C. U18	-2626	-2851	-3076	-3301	-3526	-	-	-	-
				C.C. U19	-2622	-2847	-3072	-3297	-3522	-	-	-	-
				C.C. U20	-2678	-2903	-3128	-3353	-3578	-	-	-	-
				C.C. U21	-2835	-3060	-3285	-3510	-3735	-	-	-	-
				C.C. U22	-2636	-2861	-3086	-3311	-3536	-	-	-	-
				C.C. U23	-2639	-2864	-3089	-3314	-3539	-	-	-	-
				C.C. U24	-2688	-2913	-3138	-3363	-3588	-	-	-	-
				C.C. U25	-2805	-3030	-3255	-3480	-3705	-	-	-	-
				C.C. U26	-2606	-2831	-3056	-3281	-3506	-	-	-	-
				C.C. U27	-2589	-2814	-3039	-3264	-3489	-	-	-	-
				C.C. U28	-2658	-2883	-3108	-3333	-3558	-	-	-	-
				C.C. U29	-2841	-3066	-3291	-3516	-3741	-	-	-	-
				C.C. U30	-2643	-2868	-3093	-3318	-3543	-	-	-	-
				C.C. U31	-2650	-2875	-3100	-3325	-3550	-	-	-	-
				C.C. U32	-2695	-2920	-3145	-3370	-3595	-	-	-	-
				C.C. U33	-2840	-3065	-3290	-3515	-3740	-	-	-	-
				C.C. U34	-2646	-2871	-3096	-3321	-3546	-	-	-	-
				C.C. U35	-2694	-2919	-3144	-3369	-3594	-	-	-	-
				C.C. U36	-2833	-3058	-3283	-3508	-3733	-	-	-	-
				C.C. U37	-2635	-2860	-3085	-3310	-3535	-	-	-	-
				C.C. U38	-2687	-2912	-3137	-3362	-3587	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2784	-3009	-3234	-3459	-3684	-	-	-	-
				C.C.2	-2778	-3003	-3228	-3453	-3678	-	-	-	-
				C.C.3	-2133	-2358	-2583	-2808	-3033	-	-	-	-
				C.C.4	-2122	-2347	-2572	-2797	-3022	-	-	-	-
				C.C. U1	-2829	-3054	-3279	-3504	-3729	-	-	-	-
				C.C. U2	-2635	-2860	-3085	-3310	-3535	-	-	-	-
				C.C. U3	-2630	-2855	-3080	-3305	-3530	-	-	-	-
				C.C. U4	-2683	-2908	-3133	-3358	-3583	-	-	-	-
				C.C. U5	-2835	-3060	-3285	-3510	-3735	-	-	-	-
				C.C. U6	-2641	-2866	-3091	-3316	-3541	-	-	-	-
				C.C. U7	-2640	-2865	-3090	-3315	-3540	-	-	-	-
				C.C. U8	-2689	-2914	-3139	-3364	-3589	-	-	-	-
				C.C. U9	-2805	-3030	-3255	-3480	-3705	-	-	-	-
				C.C. U10	-2612	-2837	-3062	-3287	-3512	-	-	-	-
				C.C. U11	-2590	-2815	-3040	-3265	-3490	-	-	-	-
				C.C. U12	-2659	-2884	-3109	-3334	-3559	-	-	-	-
				C.C. U13	-2843	-3068	-3293	-3518	-3743	-	-	-	-
				C.C. U14	-2649	-2874	-3099	-3324	-3549	-	-	-	-
				C.C. U15	-2652	-2877	-3102	-3327	-3552	-	-	-	-
				C.C. U16	-2697	-2922	-3147	-3372	-3597	-	-	-	-
				C.C. U17	-2822	-3047	-3272	-3497	-3722	-	-	-	-
				C.C. U18	-2624	-2849	-3074	-3299	-3524	-	-	-	-
				C.C. U19	-2623	-2848	-3073	-3298	-3523	-	-	-	-
				C.C. U20	-2677	-2902	-3127	-3352	-3577	-	-	-	-
				C.C. U21	-2828	-3053	-3278	-3503	-3728	-	-	-	-
				C.C. U22	-2630	-2855	-3080	-3305	-3530	-	-	-	-
				C.C. U23	-2633	-2858	-3083	-3308	-3533	-	-	-	-
				C.C. U24	-2683	-2908	-3133	-3358	-3583	-	-	-	-
				C.C. U25	-2799	-3024	-3249	-3474	-3699	-	-	-	-
				C.C. U26	-2601	-2826	-3051	-3276	-3501	-	-	-	-
				C.C. U27	-2584	-2809	-3034	-3259	-3484	-	-	-	-

				C.C. U28	-2653	-2878	-3103	-3328	-3553	-	-	-	-
				C.C. U29	-2836	-3061	-3286	-3511	-3736	-	-	-	-
				C.C. U30	-2638	-2863	-3088	-3313	-3538	-	-	-	-
				C.C. U31	-2646	-2871	-3096	-3321	-3546	-	-	-	-
				C.C. U32	-2690	-2915	-3140	-3365	-3590	-	-	-	-
				C.C. U33	-2834	-3059	-3284	-3509	-3734	-	-	-	-
				C.C. U34	-2640	-2865	-3090	-3315	-3540	-	-	-	-
				C.C. U35	-2688	-2913	-3138	-3363	-3588	-	-	-	-
				C.C. U36	-2828	-3053	-3278	-3503	-3728	-	-	-	-
				C.C. U37	-2629	-2854	-3079	-3304	-3529	-	-	-	-
				C.C. U38	-2682	-2907	-3132	-3357	-3582	-	-	-	-
<b>28</b>	<b>piano 1</b>	<b>3</b>	<b>400.0 0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	-1886	-2111	-2336	-2561	-2786	-	-	-	-
				C.C.2	-1892	-2117	-2342	-2567	-2792	-	-	-	-
				C.C.3	-1522	-1747	-1972	-2197	-2422	-	-	-	-
				C.C.4	-1533	-1758	-1983	-2208	-2433	-	-	-	-
				C.C. U1	-1949	-2174	-2399	-2624	-2849	-	-	-	-
				C.C. U2	-1838	-2063	-2288	-2513	-2738	-	-	-	-
				C.C. U3	-1833	-2058	-2283	-2508	-2733	-	-	-	-
				C.C. U4	-1913	-2138	-2363	-2588	-2813	-	-	-	-
				C.C. U5	-1961	-2186	-2411	-2636	-2861	-	-	-	-
				C.C. U6	-1850	-2075	-2300	-2525	-2750	-	-	-	-
				C.C. U7	-1854	-2079	-2304	-2529	-2754	-	-	-	-
				C.C. U8	-1925	-2150	-2375	-2600	-2825	-	-	-	-
				C.C. U9	-1949	-2174	-2399	-2624	-2849	-	-	-	-
				C.C. U10	-1838	-2063	-2288	-2513	-2738	-	-	-	-
				C.C. U11	-1834	-2059	-2284	-2509	-2734	-	-	-	-
				C.C. U12	-1914	-2139	-2364	-2589	-2814	-	-	-	-
				C.C. U13	-2013	-2238	-2463	-2688	-2913	-	-	-	-
				C.C. U14	-1902	-2127	-2352	-2577	-2802	-	-	-	-
				C.C. U15	-1941	-2166	-2391	-2616	-2841	-	-	-	-
				C.C. U16	-1978	-2203	-2428	-2653	-2878	-	-	-	-
				C.C. U17	-1955	-2180	-2405	-2630	-2855	-	-	-	-
				C.C. U18	-1849	-2074	-2299	-2524	-2749	-	-	-	-
				C.C. U19	-1840	-2065	-2290	-2515	-2740	-	-	-	-
				C.C. U20	-1920	-2145	-2370	-2595	-2820	-	-	-	-
				C.C. U21	-1967	-2192	-2417	-2642	-2867	-	-	-	-
				C.C. U22	-1861	-2086	-2311	-2536	-2761	-	-	-	-
				C.C. U23	-1860	-2085	-2310	-2535	-2760	-	-	-	-
				C.C. U24	-1932	-2157	-2382	-2607	-2832	-	-	-	-
				C.C. U25	-1955	-2180	-2405	-2630	-2855	-	-	-	-
				C.C. U26	-1849	-2074	-2299	-2524	-2749	-	-	-	-
				C.C. U27	-1840	-2065	-2290	-2515	-2740	-	-	-	-
				C.C. U28	-1920	-2145	-2370	-2595	-2820	-	-	-	-
				C.C. U29	-2019	-2244	-2469	-2694	-2919	-	-	-	-
				C.C. U30	-1913	-2138	-2363	-2588	-2813	-	-	-	-
				C.C. U31	-1947	-2172	-2397	-2622	-2847	-	-	-	-
				C.C. U32	-1984	-2209	-2434	-2659	-2884	-	-	-	-
				C.C. U33	-1959	-2184	-2409	-2634	-2859	-	-	-	-
				C.C. U34	-1848	-2073	-2298	-2523	-2748	-	-	-	-
				C.C. U35	-1924	-2149	-2374	-2599	-2824	-	-	-	-
				C.C. U36	-1965	-2190	-2415	-2640	-2865	-	-	-	-
				C.C. U37	-1859	-2084	-2309	-2534	-2759	-	-	-	-
				C.C. U38	-1930	-2155	-2380	-2605	-2830	-	-	-	-
<b>29</b>	<b>piano 1</b>	<b>4</b>	<b>400.0 0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	-1916	-2141	-2366	-2591	-2816	-	-	-	-
				C.C.2	-1922	-2147	-2372	-2597	-2822	-	-	-	-
				C.C.3	-1546	-1771	-1996	-2221	-2446	-	-	-	-
				C.C.4	-1557	-1782	-2007	-2232	-2457	-	-	-	-
				C.C. U1	-1965	-2190	-2415	-2640	-2865	-	-	-	-
				C.C. U2	-1853	-2078	-2303	-2528	-2753	-	-	-	-
				C.C. U3	-1839	-2064	-2289	-2514	-2739	-	-	-	-
				C.C. U4	-1928	-2153	-2378	-2603	-2828	-	-	-	-
				C.C. U5	-1976	-2201	-2426	-2651	-2876	-	-	-	-
				C.C. U6	-1864	-2089	-2314	-2539	-2764	-	-	-	-
				C.C. U7	-1857	-2082	-2307	-2532	-2757	-	-	-	-
				C.C. U8	-1939	-2164	-2389	-2614	-2839	-	-	-	-
				C.C. U9	-1980	-2205	-2430	-2655	-2880	-	-	-	-
				C.C. U10	-1868	-2093	-2318	-2543	-2768	-	-	-	-
				C.C. U11	-1864	-2089	-2314	-2539	-2764	-	-	-	-

				C.C. U12	-1944	-2169	-2394	-2619	-2844	-	-	-	-
				C.C. U13	-2043	-2268	-2493	-2718	-2943	-	-	-	-
				C.C. U14	-1931	-2156	-2381	-2606	-2831	-	-	-	-
				C.C. U15	-1968	-2193	-2418	-2643	-2868	-	-	-	-
				C.C. U16	-2006	-2231	-2456	-2681	-2906	-	-	-	-
				C.C. U17	-1971	-2196	-2421	-2646	-2871	-	-	-	-
				C.C. U18	-1863	-2088	-2313	-2538	-2763	-	-	-	-
				C.C. U19	-1845	-2070	-2295	-2520	-2745	-	-	-	-
				C.C. U20	-1935	-2160	-2385	-2610	-2835	-	-	-	-
				C.C. U21	-1982	-2207	-2432	-2657	-2882	-	-	-	-
				C.C. U22	-1874	-2099	-2324	-2549	-2774	-	-	-	-
				C.C. U23	-1863	-2088	-2313	-2538	-2763	-	-	-	-
				C.C. U24	-1946	-2171	-2396	-2621	-2846	-	-	-	-
				C.C. U25	-1986	-2211	-2436	-2661	-2886	-	-	-	-
				C.C. U26	-1878	-2103	-2328	-2553	-2778	-	-	-	-
				C.C. U27	-1870	-2095	-2320	-2545	-2770	-	-	-	-
				C.C. U28	-1950	-2175	-2400	-2625	-2850	-	-	-	-
				C.C. U29	-2049	-2274	-2499	-2724	-2949	-	-	-	-
				C.C. U30	-1941	-2166	-2391	-2616	-2841	-	-	-	-
				C.C. U31	-1975	-2200	-2425	-2650	-2875	-	-	-	-
				C.C. U32	-2012	-2237	-2462	-2687	-2912	-	-	-	-
				C.C. U33	-1989	-2214	-2439	-2664	-2889	-	-	-	-
				C.C. U34	-1877	-2102	-2327	-2552	-2777	-	-	-	-
				C.C. U35	-1953	-2178	-2403	-2628	-2853	-	-	-	-
				C.C. U36	-1996	-2221	-2446	-2671	-2896	-	-	-	-
				C.C. U37	-1887	-2112	-2337	-2562	-2787	-	-	-	-
				C.C. U38	-1959	-2184	-2409	-2634	-2859	-	-	-	-
<b>30</b>	<b>piano 1</b>	<b>5</b>	<b>400.0 0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	-4744	-5081	-5419	-5756	-6094	-	-	-	-
				C.C.2	-4744	-5082	-5419	-5757	-6094	-	-	-	-
				C.C.3	-3336	-3673	-4011	-4348	-4686	-	-	-	-
				C.C.4	-3336	-3674	-4011	-4349	-4686	-	-	-	-
				C.C. U1	-4840	-5177	-5515	-5852	-6190	-	-	-	-
				C.C. U2	-4417	-4755	-5092	-5430	-5767	-	-	-	-
				C.C. U3	-4431	-4768	-5106	-5443	-5781	-	-	-	-
				C.C. U4	-4493	-4831	-5168	-5506	-5843	-	-	-	-
				C.C. U5	-4830	-5167	-5505	-5842	-6180	-	-	-	-
				C.C. U6	-4407	-4745	-5082	-5420	-5757	-	-	-	-
				C.C. U7	-4414	-4751	-5089	-5426	-5764	-	-	-	-
				C.C. U8	-4483	-4821	-5158	-5496	-5833	-	-	-	-
				C.C. U9	-4858	-5196	-5533	-5871	-6208	-	-	-	-
				C.C. U10	-4436	-4773	-5111	-5448	-5786	-	-	-	-
				C.C. U11	-4462	-4799	-5137	-5474	-5812	-	-	-	-
				C.C. U12	-4512	-4849	-5187	-5524	-5862	-	-	-	-
				C.C. U13	-4758	-5095	-5433	-5770	-6108	-	-	-	-
				C.C. U14	-4335	-4673	-5010	-5348	-5685	-	-	-	-
				C.C. U15	-4294	-4631	-4969	-5306	-5644	-	-	-	-
				C.C. U16	-4411	-4749	-5086	-5424	-5761	-	-	-	-
				C.C. U17	-4840	-5178	-5515	-5853	-6190	-	-	-	-
				C.C. U18	-4418	-4755	-5093	-5430	-5768	-	-	-	-
				C.C. U19	-4431	-4769	-5106	-5444	-5781	-	-	-	-
				C.C. U20	-4494	-4831	-5169	-5506	-5844	-	-	-	-
				C.C. U21	-4830	-5167	-5505	-5842	-6180	-	-	-	-
				C.C. U22	-4407	-4745	-5082	-5420	-5757	-	-	-	-
				C.C. U23	-4414	-4751	-5089	-5426	-5764	-	-	-	-
				C.C. U24	-4483	-4821	-5158	-5496	-5833	-	-	-	-
				C.C. U25	-4859	-5196	-5534	-5871	-6209	-	-	-	-
				C.C. U26	-4436	-4774	-5111	-5449	-5786	-	-	-	-
				C.C. U27	-4462	-4799	-5137	-5474	-5812	-	-	-	-
				C.C. U28	-4512	-4850	-5187	-5525	-5862	-	-	-	-
				C.C. U29	-4758	-5095	-5433	-5770	-6108	-	-	-	-
				C.C. U30	-4336	-4673	-5011	-5348	-5686	-	-	-	-
				C.C. U31	-4294	-4631	-4969	-5306	-5644	-	-	-	-
				C.C. U32	-4411	-4749	-5086	-5424	-5761	-	-	-	-
				C.C. U33	-4820	-5157	-5495	-5832	-6170	-	-	-	-
				C.C. U34	-4397	-4735	-5072	-5410	-5747	-	-	-	-
				C.C. U35	-4473	-4811	-5148	-5486	-5823	-	-	-	-
				C.C. U36	-4820	-5158	-5495	-5833	-6170	-	-	-	-
				C.C. U37	-4398	-4735	-5073	-5410	-5748	-	-	-	-
				C.C. U38	-4474	-4811	-5149	-5486	-5824	-	-	-	-
<b>31</b>	<b>piano 1</b>	<b>6</b>	<b>400.0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-



			0										
				C.C.1	-4717	-5054	-5392	-5729	-6067	-	-	-	-
				C.C.2	-4717	-5055	-5392	-5730	-6067	-	-	-	-
				C.C.3	-3313	-3651	-3988	-4326	-4663	-	-	-	-
				C.C.4	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C. U1	-4821	-5158	-5496	-5833	-6171	-	-	-	-
				C.C. U2	-4400	-4737	-5075	-5412	-5750	-	-	-	-
				C.C. U3	-4419	-4757	-5094	-5432	-5769	-	-	-	-
				C.C. U4	-4475	-4813	-5150	-5488	-5825	-	-	-	-
				C.C. U5	-4792	-5129	-5467	-5804	-6142	-	-	-	-
				C.C. U6	-4371	-4708	-5046	-5383	-5721	-	-	-	-
				C.C. U7	-4370	-4708	-5045	-5383	-5720	-	-	-	-
				C.C. U8	-4446	-4784	-5121	-5459	-5796	-	-	-	-
				C.C. U9	-4830	-5168	-5505	-5843	-6180	-	-	-	-
				C.C. U10	-4409	-4747	-5084	-5422	-5759	-	-	-	-
				C.C. U11	-4435	-4772	-5110	-5447	-5785	-	-	-	-
				C.C. U12	-4485	-4822	-5160	-5497	-5835	-	-	-	-
				C.C. U13	-4730	-5068	-5405	-5743	-6080	-	-	-	-
				C.C. U14	-4309	-4647	-4984	-5322	-5659	-	-	-	-
				C.C. U15	-4268	-4606	-4943	-5281	-5618	-	-	-	-
				C.C. U16	-4385	-4722	-5060	-5397	-5735	-	-	-	-
				C.C. U17	-4821	-5159	-5496	-5834	-6171	-	-	-	-
				C.C. U18	-4400	-4738	-5075	-5413	-5750	-	-	-	-
				C.C. U19	-4419	-4757	-5094	-5432	-5769	-	-	-	-
				C.C. U20	-4476	-4813	-5151	-5488	-5826	-	-	-	-
				C.C. U21	-4792	-5129	-5467	-5804	-6142	-	-	-	-
				C.C. U22	-4371	-4709	-5046	-5384	-5721	-	-	-	-
				C.C. U23	-4371	-4708	-5046	-5383	-5721	-	-	-	-
				C.C. U24	-4447	-4784	-5122	-5459	-5797	-	-	-	-
				C.C. U25	-4831	-5168	-5506	-5843	-6181	-	-	-	-
				C.C. U26	-4410	-4747	-5085	-5422	-5760	-	-	-	-
				C.C. U27	-4435	-4772	-5110	-5447	-5785	-	-	-	-
				C.C. U28	-4485	-4823	-5160	-5498	-5835	-	-	-	-
				C.C. U29	-4731	-5068	-5406	-5743	-6081	-	-	-	-
				C.C. U30	-4310	-4647	-4985	-5322	-5660	-	-	-	-
				C.C. U31	-4268	-4606	-4943	-5281	-5618	-	-	-	-
				C.C. U32	-4385	-4723	-5060	-5398	-5735	-	-	-	-
				C.C. U33	-4792	-5130	-5467	-5805	-6142	-	-	-	-
				C.C. U34	-4371	-4709	-5046	-5384	-5721	-	-	-	-
				C.C. U35	-4447	-4784	-5122	-5459	-5797	-	-	-	-
				C.C. U36	-4793	-5130	-5468	-5805	-6143	-	-	-	-
				C.C. U37	-4372	-4709	-5047	-5384	-5722	-	-	-	-
				C.C. U38	-4447	-4785	-5122	-5460	-5797	-	-	-	-

#### 4.3.4 Sforzo Normale - Combinazioni SLE Frequenti.

I prospetti seguenti riportano i valori dello sforzo normale (N) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 56.I

Sforzo Normale (N) [daN] - Combinazioni SLE Frequenti													
Asta	Imp.	Fili	L [cm]	Comb.	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	N <sub>4</sub>	N <sub>5</sub>	N <sub>6</sub>	N <sub>7</sub>	N <sub>8</sub>	N <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
				C.C.3	1563	1558	1554	1551	1547	1544	1541	1538	1536
				C.C.4	-1537	-1533	-1529	-1525	-1522	-1518	-1515	-1513	-1510
				C.C. U1	14	14	14	14	14	14	14	14	14
				C.C. U2	17	17	17	17	17	17	17	17	17
				C.C. U3	14	14	14	14	14	14	14	14	14
				C.C. U4	13	13	13	13	13	13	13	13	13
				C.C. U5	14	14	14	14	14	14	14	14	14
				C.C. U6	14	14	14	14	14	14	14	14	14
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	10	10	10	10	10	10	10	10	10
				C.C.2	10	10	10	10	10	10	10	10	10
				C.C.3	105	102	100	98	96	95	94	94	94
				C.C.4	-84	-82	-79	-77	-76	-75	-74	-73	-73
				C.C. U1	12	12	12	12	12	12	12	12	12

				C.C. U2	13	13	13	13	13	13	13	12	12
				C.C. U3	12	12	12	12	12	12	12	12	12
				C.C. U4	10	10	10	10	10	10	10	10	10
				C.C. U5	11	11	11	11	11	11	11	11	11
				C.C. U6	11	11	11	11	11	11	11	11	11
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	10	10	10	10	10	10	10	10	10
				C.C.2	10	10	10	10	10	10	10	10	10
				C.C.3	69	69	70	70	72	73	75	78	80
				C.C.4	-49	-50	-50	-51	-52	-54	-56	-58	-61
				C.C. U1	11	11	11	11	11	11	11	11	11
				C.C. U2	12	12	12	11	11	11	11	11	11
				C.C. U3	11	11	11	11	11	11	11	11	11
				C.C. U4	10	10	10	10	10	10	10	10	10
				C.C. U5	11	11	11	11	11	11	11	11	11
				C.C. U6	11	11	11	11	11	11	11	11	11
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
				C.C.3	1564	1566	1569	1572	1575	1579	1582	1586	1591
				C.C.4	-1538	-1541	-1543	-1546	-1549	-1553	-1557	-1561	-1565
				C.C. U1	14	14	15	15	15	15	15	15	15
				C.C. U2	14	14	14	14	14	14	13	13	13
				C.C. U3	14	14	14	14	14	14	14	14	14
				C.C. U4	13	13	13	13	13	13	13	13	13
				C.C. U5	14	14	14	14	14	14	14	14	14
				C.C. U6	14	14	14	14	14	14	14	14	14
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.3	1950	1947	1943	1941	1938	1935	1933	1931	1930
				C.C.4	-1974	-1971	-1968	-1965	-1962	-1960	-1958	-1956	-1954
				C.C. U1	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U2	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U3	-14	-14	-14	-14	-14	-14	-13	-13	-13
				C.C. U4	-9	-9	-9	-9	-9	-9	-9	-10	-10
				C.C. U5	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U6	-13	-13	-13	-13	-13	-13	-13	-13	-13
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.2	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.3	2018	2017	2016	2015	2014	2014	2014	2014	2014
				C.C.4	-2028	-2027	-2026	-2025	-2024	-2024	-2024	-2024	-2024
				C.C. U1	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U2	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U3	-3	-2	-2	-2	-2	-2	-2	-2	-1
				C.C. U4	-4	-4	-4	-4	-5	-5	-5	-5	-5
				C.C. U5	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U6	-5	-5	-5	-5	-5	-5	-5	-5	-5
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.3	1996	1993	1990	1987	1984	1982	1980	1978	1976
				C.C.4	-2020	-2017	-2014	-2011	-2008	-2006	-2004	-2002	-2000
				C.C. U1	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U2	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U3	-14	-14	-14	-14	-13	-13	-13	-13	-13
				C.C. U4	-9	-9	-9	-9	-9	-9	-10	-10	-10
				C.C. U5	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U6	-13	-13	-13	-13	-13	-13	-13	-13	-13
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C.2	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C.3	2010	2009	2008	2007	2006	2006	2006	2006	2006
				C.C.4	-2023	-2022	-2021	-2020	-2019	-2019	-2019	-2019	-2019
				C.C. U1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U2	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U3	-4	-4	-4	-4	-4	-4	-3	-3	-3
				C.C. U4	-6	-6	-6	-6	-6	-6	-6	-7	-7
				C.C. U5	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U6	-7	-7	-7	-7	-7	-7	-7	-7	-7
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)

				C.C.1	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.2	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.3	1696	1697	1698	1699	1701	1702	1704	1707	1709
				C.C.4	-1752	-1752	-1753	-1754	-1756	-1758	-1760	-1762	-1765
				C.C. U1	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U2	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U3	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U4	-31	-31	-31	-31	-31	-31	-32	-32	-32
				C.C. U5	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U6	-31	-31	-31	-31	-31	-31	-31	-31	-31
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.2	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.3	1691	1692	1692	1694	1695	1697	1699	1701	1704
				C.C.4	-1743	-1744	-1745	-1746	-1747	-1749	-1751	-1754	-1756
				C.C. U1	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U2	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U3	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U4	-29	-29	-30	-30	-30	-30	-30	-30	-30
				C.C. U5	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U6	-29	-29	-29	-29	-29	-29	-29	-29	-29
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.2	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.3	923	918	914	910	906	903	900	898	896
				C.C.4	-945	-940	-936	-932	-928	-925	-922	-919	-917
				C.C. U1	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U2	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U3	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U4	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U5	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U6	-12	-12	-12	-12	-12	-12	-12	-12	-12
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.2	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.3	342	341	339	339	338	339	339	341	342
				C.C.4	-359	-357	-356	-355	-355	-355	-356	-357	-359
				C.C. U1	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U2	-8	-8	-8	-8	-8	-8	-8	-8	-9
				C.C. U3	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U4	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U5	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U6	-9	-9	-9	-9	-9	-9	-9	-9	-9
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.3	883	885	887	890	893	897	901	905	910
				C.C.4	-907	-909	-911	-914	-917	-921	-925	-929	-934
				C.C. U1	-16	-16	-16	-16	-17	-17	-17	-17	-17
				C.C. U2	-13	-13	-13	-13	-13	-13	-13	-14	-14
				C.C. U3	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U4	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U5	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U6	-13	-13	-13	-13	-13	-13	-13	-13	-13
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.2	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.3	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C.4	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U1	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U2	-40	-40	-40	-40	-40	-40	-40	-40	-40
				C.C. U3	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U4	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U5	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U6	-37	-37	-37	-37	-37	-37	-37	-37	-37
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	45	45	45	45	45	45	45	45	45
				C.C.2	45	45	45	45	45	45	45	45	45
				C.C.3	41	41	41	41	41	41	41	41	41
				C.C.4	48	48	48	48	48	48	48	48	48

				C.C. U1	64	64	64	64	64	64	64	64	64
				C.C. U2	52	52	52	52	52	52	52	52	52
				C.C. U3	86	86	86	86	86	86	86	86	86
				C.C. U4	18	18	18	18	18	18	18	18	18
				C.C. U5	49	49	49	49	49	49	49	49	49
				C.C. U6	49	49	49	49	49	49	49	49	49
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	5	5	5	5	5	5	5	5	5
				C.C. U2	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U4	2	2	2	2	2	2	2	2	2
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	44	44	44	44	44	44	44	44	44
				C.C. U2	1	1	1	1	1	1	1	1	1
				C.C. U3	131	131	131	131	131	131	131	131	131
				C.C. U4	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	47	47	47	47	47	47	47	47	47
				C.C.2	47	47	47	47	47	47	47	47	47
				C.C.3	44	44	44	44	44	44	44	44	44
				C.C.4	50	50	50	50	50	50	50	50	50
				C.C. U1	73	72	72	71	71	71	70	70	69
				C.C. U2	48	48	48	48	48	48	48	48	48
				C.C. U3	89	89	89	89	89	89	89	89	89
				C.C. U4	21	21	21	21	21	21	21	21	21
				C.C. U5	51	51	51	51	51	51	51	51	51
				C.C. U6	51	51	51	51	51	51	51	51	51
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U2	34	34	34	34	34	34	34	34	34
				C.C. U3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U4	2	2	2	2	2	2	2	2	2
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	66	66	66	66	66	66	66	66	66
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	131	131	131	131	131	131	131	131	131
				C.C. U4	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	103	103	103	103	103	103	103	103	103
				C.C.2	103	103	103	103	103	103	103	103	103
				C.C.3	99	99	99	99	99	99	99	99	99
				C.C.4	107	107	107	107	107	107	107	107	107
				C.C. U1	103	103	103	103	103	103	103	103	103
				C.C. U2	116	116	116	116	116	116	116	116	116
				C.C. U3	78	78	78	78	78	78	78	77	77
				C.C. U4	147	147	147	147	147	147	147	147	147
				C.C. U5	114	114	114	114	114	114	114	114	114

				C.C. U6	114	114	114	114	114	114	114	114	114
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	105	105	105	105	105	105	105	105	105
				C.C.2	105	105	105	105	105	105	105	105	105
				C.C.3	101	101	101	101	101	101	101	101	101
				C.C.4	109	109	109	109	109	109	109	109	109
				C.C. U1	104	104	104	104	104	104	104	103	103
				C.C. U2	122	122	122	122	122	122	122	122	122
				C.C. U3	80	80	80	80	80	80	79	79	79
				C.C. U4	149	149	149	149	149	149	149	149	149
				C.C. U5	116	116	116	116	116	116	116	116	116
				C.C. U6	116	116	116	116	116	116	116	116	116
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	40	40	40	40	40	40	40	40	40
				C.C.2	40	40	40	40	40	40	40	40	40
				C.C.3	43	43	43	43	43	43	43	43	43
				C.C.4	38	38	38	38	38	38	38	38	38
				C.C. U1	51	51	51	51	51	51	51	51	51
				C.C. U2	41	41	41	41	41	41	41	41	41
				C.C. U3	58	58	58	58	58	58	58	58	58
				C.C. U4	35	35	35	35	35	35	35	35	35
				C.C. U5	43	43	43	43	43	43	43	43	43
				C.C. U6	43	43	43	43	43	43	43	43	43
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U2	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C. U3	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U4	19	19	19	19	19	19	19	19	19
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U2	57	57	57	57	57	57	57	57	57
				C.C. U3	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U4	19	19	19	19	19	19	19	19	19
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2132	-2357	-2582	-2807	-3032	-	-	-	-
				C.C.2	-2132	-2357	-2582	-2807	-3032	-	-	-	-
				C.C.3	-2135	-2360	-2585	-2810	-3035	-	-	-	-
				C.C.4	-2129	-2354	-2579	-2804	-3029	-	-	-	-
				C.C. U1	-2325	-2550	-2775	-3000	-3225	-	-	-	-
				C.C. U2	-2329	-2554	-2779	-3004	-3229	-	-	-	-
				C.C. U3	-2319	-2544	-2769	-2994	-3219	-	-	-	-
				C.C. U4	-2331	-2556	-2781	-3006	-3231	-	-	-	-
				C.C. U5	-2348	-2573	-2798	-3023	-3248	-	-	-	-
				C.C. U6	-2348	-2573	-2798	-3023	-3248	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2128	-2353	-2578	-2803	-3028	-	-	-	-
				C.C.2	-2128	-2353	-2578	-2803	-3028	-	-	-	-
				C.C.3	-2130	-2355	-2580	-2805	-3030	-	-	-	-
				C.C.4	-2125	-2350	-2575	-2800	-3025	-	-	-	-
				C.C. U1	-2322	-2547	-2772	-2997	-3222	-	-	-	-
				C.C. U2	-2324	-2549	-2774	-2999	-3224	-	-	-	-
				C.C. U3	-2314	-2539	-2764	-2989	-3214	-	-	-	-
				C.C. U4	-2326	-2551	-2776	-3001	-3226	-	-	-	-
				C.C. U5	-2344	-2569	-2794	-3019	-3244	-	-	-	-
				C.C. U6	-2344	-2569	-2794	-3019	-3244	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1527	-1752	-1977	-2202	-2427	-	-	-	-

				C.C.2	-1527	-1752	-1977	-2202	-2427	-	-	-	-
				C.C.3	-1525	-1750	-1975	-2200	-2425	-	-	-	-
				C.C.4	-1530	-1755	-1980	-2205	-2430	-	-	-	-
				C.C. U1	-1632	-1857	-2082	-2307	-2532	-	-	-	-
				C.C. U2	-1637	-1862	-2087	-2312	-2537	-	-	-	-
				C.C. U3	-1633	-1858	-2083	-2308	-2533	-	-	-	-
				C.C. U4	-1654	-1879	-2104	-2329	-2554	-	-	-	-
				C.C. U5	-1665	-1890	-2115	-2340	-2565	-	-	-	-
				C.C. U6	-1665	-1890	-2115	-2340	-2565	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1552	-1777	-2002	-2227	-2452	-	-	-	-
				C.C.2	-1552	-1777	-2002	-2227	-2452	-	-	-	-
				C.C.3	-1549	-1774	-1999	-2224	-2449	-	-	-	-
				C.C.4	-1554	-1779	-2004	-2229	-2454	-	-	-	-
				C.C. U1	-1654	-1879	-2104	-2329	-2554	-	-	-	-
				C.C. U2	-1657	-1882	-2107	-2332	-2557	-	-	-	-
				C.C. U3	-1659	-1884	-2109	-2334	-2559	-	-	-	-
				C.C. U4	-1680	-1905	-2130	-2355	-2580	-	-	-	-
				C.C. U5	-1691	-1916	-2141	-2366	-2591	-	-	-	-
				C.C. U6	-1691	-1916	-2141	-2366	-2591	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-3336	-3673	-4011	-4348	-4686	-	-	-	-
				C.C.2	-3336	-3673	-4011	-4348	-4686	-	-	-	-
				C.C.3	-3336	-3673	-4011	-4348	-4686	-	-	-	-
				C.C.4	-3336	-3674	-4011	-4349	-4686	-	-	-	-
				C.C. U1	-3765	-4103	-4440	-4778	-5115	-	-	-	-
				C.C. U2	-3762	-4099	-4437	-4774	-5112	-	-	-	-
				C.C. U3	-3771	-4109	-4446	-4784	-5121	-	-	-	-
				C.C. U4	-3738	-4075	-4413	-4750	-5088	-	-	-	-
				C.C. U5	-3789	-4126	-4464	-4801	-5139	-	-	-	-
				C.C. U6	-3789	-4126	-4464	-4801	-5139	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C.2	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C.3	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C.4	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C. U1	-3744	-4082	-4419	-4757	-5094	-	-	-	-
				C.C. U2	-3734	-4072	-4409	-4747	-5084	-	-	-	-
				C.C. U3	-3747	-4085	-4422	-4760	-5097	-	-	-	-
				C.C. U4	-3714	-4051	-4389	-4726	-5064	-	-	-	-
				C.C. U5	-3765	-4102	-4440	-4777	-5115	-	-	-	-
				C.C. U6	-3765	-4102	-4440	-4777	-5115	-	-	-	-

#### 4.3.5 Sforzo Normale - Combinazioni SLE Quasi Permanenti.

I prospetti seguenti riportano i valori dello sforzo normale (N) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 57.I

Sforzo Normale (N) [daN] - Combinazioni SLE Quasi Permanenti													
Asta	Imp.	Fili	L [cm]	Comb.	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	N <sub>4</sub>	N <sub>5</sub>	N <sub>6</sub>	N <sub>7</sub>	N <sub>8</sub>	N <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	10	10	10	10	10	10	10	10	10
				C.C.2	10	10	10	10	10	10	10	10	10
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	10	10	10	10	10	10	10	10	10
				C.C.2	10	10	10	10	10	10	10	10	10
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	-12	-12	-12	-12	-12	-12	-12	-12	-12

6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.2	-5	-5	-5	-5	-5	-5	-5	-5	-5
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	-12	-12	-12	-12	-12	-12	-12	-12	-12
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C.2	-7	-7	-7	-7	-7	-7	-7	-7	-7
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.2	-28	-28	-28	-28	-28	-28	-28	-28	-28
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.2	-26	-26	-26	-26	-26	-26	-26	-26	-26
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.2	-11	-11	-11	-11	-11	-11	-11	-11	-11
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.2	-8	-8	-8	-8	-8	-8	-8	-8	-8
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	-12	-12	-12	-12	-12	-12	-12	-12	-12
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.2	-34	-34	-34	-34	-34	-34	-34	-34	-34
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	45	45	45	45	45	45	45	45	45
				C.C.2	45	45	45	45	45	45	45	45	45
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	47	47	47	47	47	47	47	47	47
				C.C.2	47	47	47	47	47	47	47	47	47
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	103	103	103	103	103	103	103	103	103
				C.C.2	103	103	103	103	103	103	103	103	103
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	105	105	105	105	105	105	105	105	105
				C.C.2	105	105	105	105	105	105	105	105	105
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	40	40	40	40	40	40	40	40	40
				C.C.2	40	40	40	40	40	40	40	40	40
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2132	-2357	-2582	-2807	-3032	-	-	-	-
				C.C.2	-2132	-2357	-2582	-2807	-3032	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2128	-2353	-2578	-2803	-3028	-	-	-	-
				C.C.2	-2128	-2353	-2578	-2803	-3028	-	-	-	-
28	piano 1	3	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-1527	-1752	-1977	-2202	-2427	-	-	-	-
				C.C.2	-1527	-1752	-1977	-2202	-2427	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1552	-1777	-2002	-2227	-2452	-	-	-	-
				C.C.2	-1552	-1777	-2002	-2227	-2452	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-3336	-3673	-4011	-4348	-4686	-	-	-	-
				C.C.2	-3336	-3673	-4011	-4348	-4686	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-3314	-3651	-3989	-4326	-4664	-	-	-	-
				C.C.2	-3314	-3651	-3989	-4326	-4664	-	-	-	-

#### 4.3.6 Momento Torcente - Combinazioni SLV.

I prospetti seguenti riportano i valori del momento torcente (Mt) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 58.I

Momento Torcente (Mt) [daNm] - Combinazioni SLV													
Asta	Imp.	Fili	L [cm]	Comb.	Mt <sub>1</sub>	Mt <sub>2</sub>	Mt <sub>3</sub>	Mt <sub>4</sub>	Mt <sub>5</sub>	Mt <sub>6</sub>	Mt <sub>7</sub>	Mt <sub>8</sub>	Mt <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
				C.C.3	12	12	12	12	12	12	12	12	12
				C.C.4	6	6	6	6	6	6	6	6	6
				C.C.5	4	4	4	4	4	4	4	4	4
				C.C.6	-57	-57	-57	-57	-57	-57	-57	-57	-57
				C.C.7	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C.8	25	25	25	25	25	25	25	25	25
				C.C.9	9	9	9	9	9	9	9	9	9
				C.C.10	3	3	3	3	3	3	3	3	3
				C.C.11	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.12	85	85	85	85	85	85	85	85	85
				C.C.13	69	69	69	69	69	69	69	69	69
				C.C.14	-128	-128	-128	-128	-128	-128	-128	-128	-128
				C.C.15	-153	-153	-153	-153	-153	-153	-153	-153	-153
				C.C.16	-110	-110	-110	-110	-110	-110	-110	-110	-110
				C.C.17	-135	-135	-135	-135	-135	-135	-135	-135	-135
				C.C.18	147	147	147	147	147	147	147	147	147
				C.C.19	122	122	122	122	122	122	122	122	122
				C.C.20	165	165	165	165	165	165	165	165	165
				C.C.21	140	140	140	140	140	140	140	140	140
				C.C. U1	13	13	13	13	13	13	13	13	13
				C.C. U2	12	12	12	12	12	12	12	12	12
				C.C. U3	10	10	10	10	10	10	10	10	10
				C.C. U4	15	15	15	15	15	15	15	15	15
				C.C. U5	14	14	14	14	14	14	14	14	14
				C.C. U6	13	13	13	13	13	13	13	13	13
				C.C. U7	8	8	8	8	8	8	8	8	8
				C.C. U8	8	8	8	8	8	8	8	8	8
				C.C. U9	2	2	2	2	2	2	2	2	2
				C.C. U10	21	21	21	21	21	21	21	21	21
				C.C. U11	20	20	20	20	20	20	20	20	20
				C.C. U12	24	24	24	24	24	24	24	24	24
				C.C. U13	14	14	14	14	14	14	14	14	14
				C.C. U14	13	13	13	13	13	13	13	13	13
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	16	16	16	16	16	16	16	16	16
				C.C.2	16	16	16	16	16	16	16	16	16
				C.C.3	16	16	16	16	16	16	16	16	16
				C.C.4	11	11	11	11	11	11	11	11	11
				C.C.5	11	11	11	11	11	11	11	11	11
				C.C.6	36	36	36	36	36	36	36	36	36
				C.C.7	22	22	22	22	22	22	22	22	22
				C.C.8	55	55	55	55	55	55	55	55	55



				C.C.9	41	41	41	41	41	41	41	41	41
				C.C.10	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.11	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C.12	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C.13	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.14	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.15	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.16	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.17	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C.18	61	61	61	61	61	61	61	61	61
				C.C.19	38	38	38	38	38	38	38	38	38
				C.C.20	43	43	43	43	43	43	43	43	43
				C.C.21	21	21	21	21	21	21	21	21	21
				C.C. U1	18	18	18	18	18	18	18	18	18
				C.C. U2	17	17	17	17	17	17	17	17	17
				C.C. U3	17	17	17	17	17	17	17	17	17
				C.C. U4	16	16	16	16	16	16	16	16	16
				C.C. U5	15	15	15	15	15	15	15	15	15
				C.C. U6	14	14	14	14	14	14	14	14	14
				C.C. U7	16	16	16	16	16	16	16	16	16
				C.C. U8	15	15	15	15	15	15	15	15	15
				C.C. U9	13	13	13	13	13	13	13	13	13
				C.C. U10	18	18	18	18	18	18	18	18	18
				C.C. U11	17	17	17	17	17	17	17	17	17
				C.C. U12	18	18	18	18	18	18	18	18	18
				C.C. U13	17	17	17	17	17	17	17	17	17
				C.C. U14	16	16	16	16	16	16	16	16	16
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.2	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.3	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.4	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.5	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.6	42	42	42	42	42	42	42	42	42
				C.C.7	28	28	28	28	28	28	28	28	28
				C.C.8	26	26	26	26	26	26	26	26	26
				C.C.9	12	12	12	12	12	12	12	12	12
				C.C.10	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.11	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C.12	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C.13	-53	-53	-53	-53	-53	-53	-53	-53	-53
				C.C.14	43	43	43	43	43	43	43	43	43
				C.C.15	20	20	20	20	20	20	20	20	20
				C.C.16	24	24	24	24	24	24	24	24	24
				C.C.17	1	1	1	1	1	1	1	1	1
				C.C.18	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.19	-34	-34	-34	-34	-34	-34	-35	-35	-35
				C.C.20	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.21	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C. U1	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U2	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U3	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U4	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U5	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U6	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U7	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U8	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U9	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U10	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U11	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U12	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U13	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U14	-10	-10	-10	-10	-10	-10	-10	-10	-10
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.2	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.3	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.4	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.5	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.6	8	8	8	8	8	8	8	8	8
				C.C.7	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.8	-70	-70	-70	-70	-70	-70	-70	-70	-70

				C.C.9	-85	-85	-85	-85	-85	-85	-85	-85	-85
				C.C.10	63	63	63	63	63	63	63	63	63
				C.C.11	48	48	48	48	48	48	48	48	48
				C.C.12	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.13	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C.14	123	123	123	123	123	123	123	123	123
				C.C.15	100	100	100	100	100	100	100	100	100
				C.C.16	140	140	140	140	140	140	140	140	140
				C.C.17	116	116	116	116	116	116	116	116	116
				C.C.18	-137	-137	-137	-137	-137	-137	-137	-137	-137
				C.C.19	-161	-161	-161	-161	-161	-161	-161	-161	-161
				C.C.20	-121	-121	-121	-121	-121	-121	-121	-121	-121
				C.C.21	-145	-145	-145	-145	-145	-145	-145	-145	-145
				C.C. U1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U2	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U3	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U4	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U5	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U6	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U7	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U8	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U9	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U10	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U11	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U12	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U13	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U14	-21	-21	-21	-21	-21	-21	-21	-21	-21
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C.2	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C.3	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C.4	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.5	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.6	93	93	93	93	93	93	93	93	93
				C.C.7	87	87	87	87	87	87	87	87	87
				C.C.8	60	60	60	60	60	60	60	60	60
				C.C.9	53	53	53	53	53	53	53	53	53
				C.C.10	-93	-93	-93	-93	-93	-93	-93	-93	-93
				C.C.11	-99	-99	-99	-99	-99	-99	-99	-99	-99
				C.C.12	-126	-126	-126	-126	-126	-126	-126	-126	-126
				C.C.13	-132	-132	-132	-132	-132	-132	-132	-132	-132
				C.C.14	69	69	69	69	69	69	69	69	69
				C.C.15	59	59	59	59	59	59	59	59	59
				C.C.16	13	13	13	13	13	13	13	13	13
				C.C.17	3	3	3	3	3	3	3	3	3
				C.C.18	-42	-42	-42	-42	-42	-42	-42	-42	-42
				C.C.19	-53	-53	-53	-53	-53	-53	-53	-53	-53
				C.C.20	-98	-98	-98	-98	-98	-98	-98	-98	-98
				C.C.21	-108	-108	-108	-108	-108	-108	-108	-108	-108
				C.C. U1	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U2	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C. U3	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U4	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C. U5	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U6	-38	-38	-38	-38	-38	-38	-38	-38	-38
				C.C. U7	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U8	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U9	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U10	-38	-38	-38	-38	-38	-38	-38	-38	-38
				C.C. U11	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C. U12	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C. U13	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C. U14	-34	-34	-34	-34	-34	-34	-34	-34	-34
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.2	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C.3	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.4	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.5	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.6	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C.7	-108	-108	-108	-108	-108	-108	-108	-108	-108
				C.C.8	-144	-144	-144	-144	-144	-144	-144	-144	-144

				C.C.9	-134	-134	-134	-134	-134	-134	-134	-134	-134
				C.C.10	99	99	99	99	99	99	99	99	99
				C.C.11	108	108	108	108	108	108	108	108	108
				C.C.12	72	72	72	72	72	72	72	72	72
				C.C.13	81	81	81	81	81	81	81	81	81
				C.C.14	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.15	2	2	2	2	2	2	2	2	2
				C.C.16	52	52	52	52	52	52	52	52	52
				C.C.17	66	66	66	66	66	66	66	66	66
				C.C.18	-102	-102	-102	-102	-102	-102	-102	-102	-102
				C.C.19	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C.20	-38	-38	-38	-38	-38	-38	-38	-38	-38
				C.C.21	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U1	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U2	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U3	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U4	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U5	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U6	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U7	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U8	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U9	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U10	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U11	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U12	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U13	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U14	-29	-29	-29	-29	-29	-29	-29	-29	-29
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	33	33	33	33	33	33	33	33	33
				C.C.2	34	34	34	34	34	34	34	34	34
				C.C.3	33	33	33	33	33	33	33	33	33
				C.C.4	25	25	25	25	25	25	25	25	25
				C.C.5	23	23	23	23	23	23	23	23	23
				C.C.6	93	93	93	93	93	93	93	93	93
				C.C.7	88	88	88	88	88	88	88	88	88
				C.C.8	124	124	124	124	124	124	124	124	124
				C.C.9	119	119	119	119	119	119	119	119	119
				C.C.10	-81	-81	-81	-81	-81	-81	-81	-81	-81
				C.C.11	-87	-87	-87	-87	-87	-87	-87	-87	-87
				C.C.12	-51	-51	-51	-51	-51	-51	-51	-51	-51
				C.C.13	-56	-56	-56	-56	-56	-56	-56	-56	-56
				C.C.14	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.15	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.16	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C.17	-63	-63	-63	-63	-63	-63	-63	-63	-63
				C.C.18	101	101	101	101	101	101	101	101	101
				C.C.19	92	92	92	92	92	92	92	92	92
				C.C.20	48	48	48	48	48	48	48	48	48
				C.C.21	40	40	40	40	40	40	40	40	40
				C.C. U1	34	34	34	34	34	34	34	34	34
				C.C. U2	32	32	32	32	32	32	32	32	32
				C.C. U3	30	30	30	30	30	30	30	30	30
				C.C. U4	33	33	33	33	33	33	33	33	33
				C.C. U5	31	31	31	31	31	31	31	31	31
				C.C. U6	29	29	29	29	29	29	29	29	29
				C.C. U7	32	32	32	32	32	32	32	32	32
				C.C. U8	30	30	30	30	30	30	30	30	30
				C.C. U9	28	28	28	28	28	28	28	28	28
				C.C. U10	36	36	36	36	36	36	36	36	36
				C.C. U11	34	34	34	34	34	34	34	34	34
				C.C. U12	34	34	34	34	34	34	34	34	34
				C.C. U13	34	34	34	34	34	34	34	34	34
				C.C. U14	33	33	33	33	33	33	33	33	33
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	26	26	26	26	26	26	26	26	26
				C.C.2	26	26	26	26	26	26	26	26	26
				C.C.3	26	26	26	26	26	26	26	26	26
				C.C.4	20	20	20	20	20	20	20	20	20
				C.C.5	21	21	21	21	21	21	21	21	21
				C.C.6	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.7	-93	-93	-93	-93	-93	-93	-93	-93	-93
				C.C.8	-71	-71	-71	-71	-71	-71	-71	-71	-71

				C.C.9	-63	-63	-63	-63	-63	-63	-63	-63	-63
				C.C.10	94	94	94	94	94	94	94	94	94
				C.C.11	102	102	102	102	102	102	102	102	102
				C.C.12	124	124	124	124	124	124	124	124	124
				C.C.13	132	132	132	132	132	132	132	132	132
				C.C.14	-71	-71	-71	-71	-71	-71	-71	-71	-71
				C.C.15	-58	-58	-58	-58	-58	-58	-58	-58	-58
				C.C.16	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.17	1	1	1	1	1	1	1	1	1
				C.C.18	30	30	30	30	30	30	30	30	30
				C.C.19	43	43	43	43	43	43	43	43	43
				C.C.20	88	88	88	88	88	88	88	88	88
				C.C.21	101	101	101	101	101	101	101	101	101
				C.C. U1	25	25	25	25	25	25	25	25	25
				C.C. U2	23	23	23	23	23	23	23	23	23
				C.C. U3	22	22	22	22	22	22	22	22	22
				C.C. U4	28	28	28	28	28	28	28	28	28
				C.C. U5	26	26	26	26	26	26	26	26	26
				C.C. U6	27	27	27	27	27	27	27	27	27
				C.C. U7	24	24	24	24	24	24	24	24	24
				C.C. U8	22	22	22	22	22	22	22	22	22
				C.C. U9	21	21	21	21	21	21	21	21	21
				C.C. U10	28	28	28	28	28	28	28	28	28
				C.C. U11	26	26	26	26	26	26	26	26	26
				C.C. U12	27	27	27	27	27	27	27	27	27
				C.C. U13	26	26	26	26	26	26	26	26	26
				C.C. U14	25	25	25	25	25	25	25	25	25
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	26	26	26	26	26	26	26	26	26
				C.C.2	27	27	27	27	27	27	27	27	27
				C.C.3	26	26	26	26	26	26	26	26	26
				C.C.4	17	17	17	17	17	17	17	17	17
				C.C.5	15	15	15	15	15	15	15	15	15
				C.C.6	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.7	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.8	-76	-76	-76	-76	-76	-76	-76	-76	-76
				C.C.9	-67	-67	-67	-67	-67	-67	-67	-67	-67
				C.C.10	92	92	92	92	92	92	92	92	92
				C.C.11	101	101	101	101	101	101	101	101	101
				C.C.12	31	31	31	31	31	31	31	31	31
				C.C.13	40	40	40	40	40	40	40	40	40
				C.C.14	92	92	92	92	92	92	92	92	92
				C.C.15	106	106	106	106	106	106	106	106	106
				C.C.16	124	124	124	124	124	124	124	124	124
				C.C.17	138	138	138	138	138	138	138	138	138
				C.C.18	-113	-113	-113	-113	-113	-113	-113	-113	-113
				C.C.19	-99	-99	-99	-99	-99	-99	-99	-99	-99
				C.C.20	-81	-81	-81	-81	-81	-81	-81	-81	-81
				C.C.21	-67	-67	-67	-67	-67	-67	-67	-67	-67
				C.C. U1	28	28	28	28	28	28	28	28	28
				C.C. U2	25	25	25	25	25	25	25	25	25
				C.C. U3	26	26	26	26	26	26	26	26	26
				C.C. U4	25	25	25	25	25	25	25	25	25
				C.C. U5	22	22	22	22	22	22	22	22	22
				C.C. U6	21	21	21	21	21	21	21	21	21
				C.C. U7	30	30	30	30	30	30	30	30	30
				C.C. U8	28	28	28	28	28	28	28	28	28
				C.C. U9	30	30	30	30	30	30	30	30	30
				C.C. U10	24	24	24	24	24	24	24	24	24
				C.C. U11	21	21	21	21	21	21	21	21	21
				C.C. U12	19	19	19	19	19	19	19	19	19
				C.C. U13	27	27	27	27	27	27	27	27	27
				C.C. U14	24	24	24	24	24	24	24	24	24
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.2	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.3	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.4	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.5	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.6	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C.7	-108	-108	-108	-108	-108	-108	-108	-108	-108
				C.C.8	-53	-53	-53	-53	-53	-53	-53	-53	-53

				C.C.9	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C.10	26	26	26	26	26	26	26	26	26
				C.C.11	35	35	35	35	35	35	35	35	35
				C.C.12	90	90	90	90	90	90	90	90	90
				C.C.13	99	99	99	99	99	99	99	99	99
				C.C.14	-145	-145	-145	-145	-145	-145	-145	-145	-145
				C.C.15	-130	-130	-130	-130	-130	-130	-130	-130	-130
				C.C.16	-102	-102	-102	-102	-102	-102	-102	-102	-102
				C.C.17	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C.18	70	70	70	70	70	70	70	70	70
				C.C.19	85	85	85	85	85	85	85	84	84
				C.C.20	113	113	113	113	113	113	113	113	113
				C.C.21	127	127	127	127	127	127	127	127	127
				C.C. U1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U2	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U3	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U5	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U6	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U7	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U8	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U9	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U10	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U11	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U12	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U13	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U14	-18	-18	-18	-18	-18	-18	-18	-18	-18
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	43	43	43	43	43	43	43	43	43
				C.C.2	42	42	42	42	42	42	42	42	42
				C.C.3	44	44	44	44	44	44	44	44	44
				C.C.4	40	40	40	40	40	40	40	40	40
				C.C.5	42	42	42	42	42	42	42	42	42
				C.C.6	54	54	54	54	54	54	54	54	54
				C.C.7	29	29	29	29	29	29	29	29	29
				C.C.8	152	152	152	152	152	152	152	152	152
				C.C.9	127	127	127	127	127	127	127	127	127
				C.C.10	-70	-70	-70	-70	-70	-70	-70	-70	-70
				C.C.11	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C.12	28	28	28	28	28	28	28	28	28
				C.C.13	3	3	3	3	3	3	3	3	3
				C.C.14	-96	-96	-96	-96	-96	-96	-95	-95	-95
				C.C.15	-135	-135	-135	-135	-135	-135	-135	-135	-135
				C.C.16	-133	-133	-133	-133	-133	-133	-133	-133	-133
				C.C.17	-173	-173	-173	-173	-173	-173	-173	-173	-173
				C.C.18	230	230	230	230	230	230	230	230	230
				C.C.19	190	190	190	190	190	190	190	190	190
				C.C.20	193	193	193	193	193	193	193	193	193
				C.C.21	153	153	153	153	153	153	153	153	153
				C.C. U1	42	42	42	42	42	42	42	42	42
				C.C. U2	42	42	42	42	42	42	42	42	42
				C.C. U3	41	41	41	41	41	41	41	41	41
				C.C. U4	42	42	42	42	42	42	42	42	42
				C.C. U5	42	42	42	42	42	42	42	42	42
				C.C. U6	41	41	41	41	41	41	41	41	41
				C.C. U7	35	35	35	35	35	35	35	35	35
				C.C. U8	35	35	35	35	35	35	35	35	35
				C.C. U9	29	29	29	29	29	29	29	29	29
				C.C. U10	48	48	48	48	48	48	48	48	48
				C.C. U11	48	48	48	48	48	48	48	48	48
				C.C. U12	51	51	51	51	51	51	51	51	51
				C.C. U13	43	43	43	43	43	43	43	43	43
				C.C. U14	43	43	43	43	43	43	43	43	43
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.2	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.3	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.5	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.6	25	25	25	25	25	25	25	25	25
				C.C.7	6	6	6	6	6	6	6	6	6
				C.C.8	27	27	27	27	27	27	27	27	27

				C.C.9	8	8	8	8	8	8	8	8	8
				C.C.10	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.11	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C.12	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.13	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.14	16	16	16	16	16	16	16	16	16
				C.C.15	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C.16	5	5	5	5	5	5	5	5	5
				C.C.17	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.18	22	22	22	22	22	22	22	22	22
				C.C.19	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.20	11	11	11	11	11	11	11	11	11
				C.C.21	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U5	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U6	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U7	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U8	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U9	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U10	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U11	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U12	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U13	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U14	-3	-3	-3	-3	-3	-3	-3	-3	-3
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.2	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.3	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C.4	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.5	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C.6	105	105	105	105	105	105	105	105	105
				C.C.7	79	79	79	79	79	79	79	79	79
				C.C.8	4	4	4	4	4	4	4	4	4
				C.C.9	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.10	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.11	-51	-51	-51	-51	-51	-51	-51	-51	-51
				C.C.12	-126	-126	-126	-126	-126	-126	-126	-126	-126
				C.C.13	-151	-151	-151	-151	-151	-151	-151	-151	-151
				C.C.14	183	183	183	183	183	183	183	183	183
				C.C.15	143	143	143	143	143	143	143	143	143
				C.C.16	144	144	144	144	144	144	144	144	144
				C.C.17	104	104	104	104	104	104	104	104	104
				C.C.18	-151	-151	-151	-151	-151	-151	-151	-151	-151
				C.C.19	-191	-191	-191	-191	-191	-191	-191	-191	-191
				C.C.20	-190	-190	-190	-190	-190	-190	-190	-190	-190
				C.C.21	-230	-230	-230	-230	-230	-230	-230	-230	-230
				C.C. U1	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U2	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U3	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U4	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U5	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U6	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C. U7	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U8	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U9	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U10	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C. U11	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C. U12	-42	-42	-42	-42	-42	-42	-42	-42	-42
				C.C. U13	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U14	-34	-34	-34	-34	-34	-34	-34	-34	-34
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-131	-98	-65	-33	0	33	66	99	131
				C.C.2	-131	-98	-65	-33	0	33	66	99	131
				C.C.3	-131	-98	-65	-33	0	33	66	99	131
				C.C.4	-93	-70	-47	-23	0	24	47	70	94
				C.C.5	-93	-70	-47	-23	0	24	47	70	94
				C.C.6	-76	-59	-43	-26	-9	7	24	41	57
				C.C.7	-86	-69	-52	-36	-19	-2	14	31	48

				C.C.8	-76	-59	-43	-26	-9	7	24	41	57
				C.C.9	-86	-69	-52	-36	-19	-2	14	31	48
				C.C.10	-47	-31	-14	3	19	36	53	69	86
				C.C.11	-57	-40	-24	-7	10	26	43	60	76
				C.C.12	-47	-31	-14	3	19	36	53	69	86
				C.C.13	-57	-40	-24	-7	10	26	43	60	76
				C.C.14	-63	-47	-30	-13	3	20	37	53	70
				C.C.15	-79	-62	-45	-29	-12	5	21	38	55
				C.C.16	-55	-38	-21	-5	12	29	45	62	79
				C.C.17	-70	-53	-37	-20	-3	13	30	47	63
				C.C.18	-63	-46	-30	-13	4	20	37	54	70
				C.C.19	-78	-62	-45	-28	-12	5	22	38	55
				C.C.20	-55	-38	-21	-5	12	29	45	62	79
				C.C.21	-70	-53	-36	-20	-3	14	30	47	64
				C.C. U1	-125	-93	-62	-30	1	33	64	96	127
				C.C. U2	-108	-81	-54	-26	1	29	56	83	111
				C.C. U3	-113	-84	-56	-27	2	30	59	88	116
				C.C. U4	-126	-95	-63	-31	0	32	63	95	126
				C.C. U5	-110	-82	-55	-27	0	27	55	82	110
				C.C. U6	-115	-86	-57	-29	0	29	57	86	115
				C.C. U7	-126	-94	-63	-31	0	32	63	95	126
				C.C. U8	-109	-82	-55	-27	0	28	55	82	110
				C.C. U9	-115	-86	-57	-29	0	29	57	86	115
				C.C. U10	-126	-94	-63	-31	0	32	63	95	126
				C.C. U11	-109	-82	-55	-27	0	28	55	82	110
				C.C. U12	-115	-86	-57	-29	0	29	57	86	115
				C.C. U13	-126	-94	-63	-31	0	32	63	95	126
				C.C. U14	-109	-82	-55	-27	0	28	55	82	110
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	357	308	258	209	159	110	60	11	-39
				C.C.2	356	307	257	208	159	109	60	10	-39
				C.C.3	358	308	259	209	160	110	61	11	-38
				C.C.4	251	217	184	151	117	84	51	18	-16
				C.C.5	253	220	186	153	120	86	53	20	-13
				C.C.6	-258	-282	-306	-330	-354	-378	-402	-427	-451
				C.C.7	-260	-284	-308	-332	-356	-380	-404	-428	-452
				C.C.8	-291	-315	-339	-363	-387	-412	-436	-460	-484
				C.C.9	-293	-317	-341	-365	-389	-413	-437	-461	-485
				C.C.10	657	633	609	585	561	537	513	489	465
				C.C.11	656	632	607	583	559	535	511	487	463
				C.C.12	624	600	576	552	528	504	480	456	431
				C.C.13	622	598	574	550	526	502	478	454	430
				C.C.14	102	78	53	29	5	-19	-43	-67	-91
				C.C.15	99	75	51	27	3	-21	-46	-70	-94
				C.C.16	376	352	328	304	280	256	232	208	184
				C.C.17	373	349	325	301	277	253	229	205	181
				C.C.18	-9	-33	-57	-81	-105	-129	-154	-178	-202
				C.C.19	-12	-36	-60	-84	-108	-132	-156	-180	-204
				C.C.20	265	241	217	193	169	145	121	97	73
				C.C.21	263	239	215	191	166	142	118	94	70
				C.C. U1	353	306	259	211	164	117	70	22	-25
				C.C. U2	314	274	234	194	153	113	73	33	-7
				C.C. U3	324	281	239	197	154	112	69	27	-15
				C.C. U4	353	305	258	211	164	116	69	22	-25
				C.C. U5	314	273	233	193	153	113	72	32	-8
				C.C. U6	323	281	238	196	153	111	69	26	-16
				C.C. U7	351	304	257	210	162	115	68	20	-27
				C.C. U8	312	272	232	192	152	111	71	31	-9
				C.C. U9	321	278	236	194	151	109	66	24	-18
				C.C. U10	348	301	254	206	159	112	64	17	-30
				C.C. U11	309	269	229	188	148	108	68	28	-13
				C.C. U12	315	273	230	188	146	103	61	18	-24
				C.C. U13	350	302	255	208	161	113	66	19	-28
				C.C. U14	311	271	230	190	150	110	70	29	-11
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	7	14	21	28	35	42	49	56
				C.C.2	0	7	14	21	28	35	42	49	56
				C.C.3	0	7	14	21	28	35	42	49	56
				C.C.4	0	5	10	15	20	25	30	35	40
				C.C.5	0	5	10	15	20	25	30	35	40
				C.C.6	0	4	7	11	14	18	21	25	29

				C.C.7	0	4	7	11	14	18	21	25	29
				C.C.8	0	4	7	11	14	18	21	25	29
				C.C.9	0	4	7	11	14	18	21	25	29
				C.C.10	0	4	7	11	14	18	21	25	29
				C.C.11	0	4	7	11	14	18	21	25	29
				C.C.12	0	4	7	11	14	18	21	25	29
				C.C.13	0	4	7	11	14	18	21	25	29
				C.C.14	0	4	7	11	14	18	21	25	29
				C.C.15	0	4	7	11	14	18	21	25	29
				C.C.16	0	4	7	11	14	18	21	25	29
				C.C.17	0	4	7	11	14	18	21	25	29
				C.C.18	0	4	7	11	14	18	21	25	29
				C.C.19	0	4	7	11	14	18	21	25	29
				C.C.20	0	4	7	11	14	18	21	25	29
				C.C.21	0	4	7	11	14	18	21	25	29
				C.C. U1	0	7	14	20	27	34	41	47	54
				C.C. U2	0	6	12	18	23	29	35	41	47
				C.C. U3	0	6	12	18	25	31	37	43	49
				C.C. U4	0	7	14	20	27	34	41	47	54
				C.C. U5	0	6	12	18	23	29	35	41	47
				C.C. U6	0	6	12	18	25	31	37	43	49
				C.C. U7	0	7	14	20	27	34	41	47	54
				C.C. U8	0	6	12	18	23	29	35	41	47
				C.C. U9	0	6	12	18	25	31	37	43	49
				C.C. U10	0	7	14	20	27	34	41	47	54
				C.C. U11	0	6	12	18	23	29	35	41	47
				C.C. U12	0	6	12	18	25	31	37	43	49
				C.C. U13	0	7	14	20	27	34	41	47	54
				C.C. U14	0	6	12	18	23	29	35	41	47
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	0	0	0	0	0	0	0	0	0
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	0	0	0	0	0	0	0	0	0
				C.C.12	0	0	0	0	0	0	0	0	0
				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	0	0	0	0	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
				C.C.17	0	0	0	0	0	0	0	0	0
				C.C.18	0	0	0	0	0	0	0	0	0
				C.C.19	0	0	0	0	0	0	0	0	0
				C.C.20	0	0	0	0	0	0	0	0	0
				C.C.21	0	0	0	0	0	0	0	0	0
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-356	-306	-257	-207	-158	-108	-59	-10	40
				C.C.2	-355	-306	-256	-207	-157	-108	-58	-9	41
				C.C.3	-357	-307	-258	-208	-159	-109	-60	-10	39
				C.C.4	-250	-216	-183	-150	-116	-83	-50	-17	17
				C.C.5	-252	-219	-185	-152	-119	-85	-52	-19	14



				C.C.6	-655	-631	-607	-582	-558	-534	-510	-486	-462
				C.C.7	-656	-632	-608	-584	-560	-536	-512	-488	-464
				C.C.8	-622	-598	-574	-550	-526	-502	-478	-454	-430
				C.C.9	-624	-600	-576	-552	-528	-504	-480	-456	-432
				C.C.10	261	285	309	333	358	382	406	430	454
				C.C.11	260	284	308	332	356	380	404	428	452
				C.C.12	293	318	342	366	390	414	438	462	486
				C.C.13	292	316	340	364	388	412	436	460	484
				C.C.14	-371	-347	-323	-299	-275	-251	-227	-203	-179
				C.C.15	-374	-350	-326	-302	-278	-254	-229	-205	-181
				C.C.16	-96	-72	-48	-24	0	24	48	72	96
				C.C.17	-99	-75	-51	-27	-3	21	45	69	93
				C.C.18	-264	-240	-216	-192	-168	-143	-119	-95	-71
				C.C.19	-267	-242	-218	-194	-170	-146	-122	-98	-74
				C.C.20	11	35	59	83	107	131	155	179	204
				C.C.21	8	32	56	80	105	129	153	177	201
				C.C. U1	-347	-299	-252	-205	-157	-110	-63	-16	32
				C.C. U2	-308	-267	-227	-187	-147	-107	-66	-26	14
				C.C. U3	-314	-271	-229	-187	-144	-102	-59	-17	25
				C.C. U4	-340	-293	-245	-198	-151	-104	-56	-9	38
				C.C. U5	-301	-261	-221	-180	-140	-100	-60	-20	21
				C.C. U6	-303	-260	-218	-176	-133	-91	-48	-6	37
				C.C. U7	-350	-303	-256	-208	-161	-114	-66	-19	28
				C.C. U8	-311	-271	-231	-191	-150	-110	-70	-30	10
				C.C. U9	-320	-277	-235	-192	-150	-108	-65	-23	20
				C.C. U10	-347	-299	-252	-205	-158	-110	-63	-16	31
				C.C. U11	-308	-268	-227	-187	-147	-107	-67	-26	14
				C.C. U12	-314	-272	-229	-187	-144	-102	-60	-17	25
				C.C. U13	-348	-301	-254	-207	-159	-112	-65	-18	30
				C.C. U14	-309	-269	-229	-189	-149	-108	-68	-28	12
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-56	-49	-42	-35	-28	-21	-14	-7	0
				C.C.2	-56	-49	-42	-35	-28	-21	-14	-7	0
				C.C.3	-56	-49	-42	-35	-28	-21	-14	-7	0
				C.C.4	-40	-35	-30	-25	-20	-15	-10	-5	0
				C.C.5	-40	-35	-30	-25	-20	-15	-10	-5	0
				C.C.6	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.7	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.8	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.9	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.10	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.11	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.12	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.13	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.14	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.15	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.16	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.17	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.18	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.19	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.20	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.21	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C. U1	-54	-47	-41	-34	-27	-20	-14	-7	0
				C.C. U2	-47	-41	-35	-29	-23	-18	-12	-6	0
				C.C. U3	-49	-43	-37	-31	-25	-18	-12	-6	0
				C.C. U4	-54	-47	-41	-34	-27	-20	-14	-7	0
				C.C. U5	-47	-41	-35	-29	-23	-18	-12	-6	0
				C.C. U6	-49	-43	-37	-31	-25	-18	-12	-6	0
				C.C. U7	-54	-47	-41	-34	-27	-20	-14	-7	0
				C.C. U8	-47	-41	-35	-29	-23	-18	-12	-6	0
				C.C. U9	-49	-43	-37	-31	-25	-18	-12	-6	0
				C.C. U10	-54	-47	-41	-34	-27	-20	-14	-7	0
				C.C. U11	-47	-41	-35	-29	-23	-18	-12	-6	0
				C.C. U12	-49	-43	-37	-31	-25	-18	-12	-6	0
				C.C. U13	-54	-47	-41	-34	-27	-20	-14	-7	0
				C.C. U14	-47	-41	-35	-29	-23	-18	-12	-6	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0

				C.C.6	0	0	0	0	0	0	0	0	0
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	0	0	0	0	0	0	0	0	0
				C.C.12	0	0	0	0	0	0	0	0	0
				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	0	0	0	0	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
				C.C.17	0	0	0	0	0	0	0	0	0
				C.C.18	0	0	0	0	0	0	0	0	0
				C.C.19	0	0	0	0	0	0	0	0	0
				C.C.20	0	0	0	0	0	0	0	0	0
				C.C.21	0	0	0	0	0	0	0	0	0
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-16	-42	-68	-94	-120	-147	-173	-199	-225
				C.C.2	-16	-42	-68	-94	-120	-146	-172	-199	-225
				C.C.3	-16	-42	-68	-94	-121	-147	-173	-199	-225
				C.C.4	-5	-23	-41	-58	-76	-93	-111	-128	-146
				C.C.5	-6	-24	-41	-59	-76	-94	-111	-129	-147
				C.C.6	400	387	375	362	349	337	324	311	298
				C.C.7	376	363	351	338	325	312	300	287	274
				C.C.8	311	298	285	273	260	247	234	222	209
				C.C.9	287	274	261	249	236	223	210	198	185
				C.C.10	-295	-308	-321	-333	-346	-359	-371	-384	-397
				C.C.11	-319	-332	-345	-357	-370	-383	-395	-408	-421
				C.C.12	-385	-397	-410	-423	-435	-448	-461	-474	-486
				C.C.13	-409	-421	-434	-447	-459	-472	-485	-498	-510
				C.C.14	268	255	243	230	217	205	192	179	166
				C.C.15	230	217	205	192	179	166	154	141	128
				C.C.16	60	47	34	21	9	-4	-17	-29	-42
				C.C.17	21	9	-4	-17	-29	-42	-55	-68	-80
				C.C.18	-30	-43	-55	-68	-81	-93	-106	-119	-132
				C.C.19	-68	-81	-93	-106	-119	-132	-144	-157	-170
				C.C.20	-238	-251	-264	-277	-289	-302	-315	-327	-340
				C.C.21	-277	-289	-302	-315	-327	-340	-353	-366	-378
				C.C. U1	-15	-40	-65	-90	-114	-139	-164	-189	-214
				C.C. U2	-15	-36	-57	-78	-100	-121	-142	-163	-184
				C.C. U3	-9	-31	-53	-76	-98	-121	-143	-165	-188
				C.C. U4	-13	-38	-63	-88	-113	-138	-163	-188	-213
				C.C. U5	-13	-34	-55	-77	-98	-119	-140	-162	-183
				C.C. U6	-6	-28	-51	-73	-96	-118	-140	-163	-185
				C.C. U7	-13	-38	-63	-88	-113	-138	-163	-188	-213
				C.C. U8	-13	-34	-56	-77	-98	-119	-141	-162	-183
				C.C. U9	-6	-29	-51	-74	-96	-118	-141	-163	-186
				C.C. U10	-24	-49	-74	-99	-124	-149	-174	-199	-224
				C.C. U11	-24	-45	-66	-88	-109	-130	-151	-173	-194
				C.C. U12	-24	-47	-69	-92	-114	-136	-159	-181	-204
				C.C. U13	-19	-44	-69	-94	-119	-144	-169	-194	-219
				C.C. U14	-19	-40	-61	-83	-104	-125	-146	-168	-189
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	16	42	68	94	120	146	172	199	225
				C.C.2	16	42	68	94	120	146	172	198	225
				C.C.3	16	42	68	94	120	147	173	199	225
				C.C.4	5	23	40	58	76	93	111	128	146
				C.C.5	6	23	41	59	76	94	111	129	146

				C.C.6	320	333	345	358	371	384	396	409	422
				C.C.7	296	309	321	334	347	359	372	385	398
				C.C.8	410	422	435	448	461	473	486	499	511
				C.C.9	386	398	411	424	436	449	462	475	487
				C.C.10	-377	-365	-352	-339	-326	-314	-301	-288	-276
				C.C.11	-401	-389	-376	-363	-351	-338	-325	-312	-300
				C.C.12	-288	-275	-262	-249	-237	-224	-211	-199	-186
				C.C.13	-312	-299	-286	-274	-261	-248	-235	-223	-210
				C.C.14	-22	-9	4	16	29	42	55	67	80
				C.C.15	-60	-47	-35	-22	-9	4	16	29	42
				C.C.16	-231	-218	-205	-193	-180	-167	-155	-142	-129
				C.C.17	-269	-256	-244	-231	-218	-206	-193	-180	-167
				C.C.18	277	290	303	316	328	341	354	366	379
				C.C.19	239	252	265	277	290	303	315	328	341
				C.C.20	68	81	94	106	119	132	145	157	170
				C.C.21	30	43	55	68	81	94	106	119	132
				C.C. U1	18	43	68	93	118	143	168	193	218
				C.C. U2	18	39	60	82	103	124	145	167	188
				C.C. U3	14	37	59	81	104	126	149	171	193
				C.C. U4	14	39	64	89	113	138	163	188	213
				C.C. U5	14	35	56	77	99	120	141	162	183
				C.C. U6	7	30	52	74	97	119	142	164	186
				C.C. U7	13	38	63	88	113	138	163	188	213
				C.C. U8	13	34	56	77	98	119	141	162	183
				C.C. U9	6	29	51	74	96	118	141	163	186
				C.C. U10	24	49	74	99	124	149	174	199	224
				C.C. U11	24	45	66	88	109	130	151	172	194
				C.C. U12	24	47	69	91	114	136	159	181	203
				C.C. U13	19	44	69	94	119	144	169	194	218
				C.C. U14	19	40	61	82	104	125	146	167	189
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	1070	803	535	268	1	-267	-534	-801	-1069
				C.C.2	1070	803	535	268	1	-267	-534	-801	-1069
				C.C.3	1070	803	535	268	1	-267	-534	-801	-1069
				C.C.4	700	525	350	175	1	-174	-349	-524	-699
				C.C.5	700	525	350	175	1	-174	-349	-524	-699
				C.C.6	634	507	380	252	125	-2	-130	-257	-384
				C.C.7	606	479	352	224	97	-30	-157	-285	-412
				C.C.8	634	507	380	252	125	-2	-129	-257	-384
				C.C.9	607	479	352	225	97	-30	-157	-285	-412
				C.C.10	413	285	158	31	-97	-224	-351	-478	-606
				C.C.11	385	258	130	3	-124	-252	-379	-506	-634
				C.C.12	413	286	158	31	-96	-224	-351	-478	-606
				C.C.13	385	258	130	3	-124	-252	-379	-506	-633
				C.C.14	565	437	310	183	55	-72	-199	-327	-454
				C.C.15	521	393	266	139	11	-116	-243	-371	-498
				C.C.16	498	371	244	116	-11	-138	-266	-393	-520
				C.C.17	454	327	199	72	-55	-183	-310	-437	-564
				C.C.18	565	438	311	183	56	-71	-199	-326	-453
				C.C.19	521	394	266	139	12	-115	-243	-370	-497
				C.C.20	499	371	244	117	-10	-138	-265	-392	-520
				C.C.21	455	327	200	73	-55	-182	-309	-437	-564
				C.C. U1	1022	767	513	258	3	-252	-506	-761	-1016
				C.C. U2	861	646	432	217	3	-211	-426	-640	-854
				C.C. U3	913	686	459	232	5	-222	-449	-676	-903
				C.C. U4	1017	763	508	253	-2	-256	-511	-766	-1021
				C.C. U5	856	641	427	213	-2	-216	-430	-645	-859
				C.C. U6	905	678	451	224	-3	-230	-457	-684	-911
				C.C. U7	1020	765	510	255	1	-254	-509	-764	-1018
				C.C. U8	858	644	429	215	1	-214	-428	-642	-857
				C.C. U9	908	681	455	228	1	-226	-453	-680	-907
				C.C. U10	1020	765	510	255	1	-254	-509	-764	-1018
				C.C. U11	858	644	429	215	1	-214	-428	-642	-857
				C.C. U12	908	681	455	228	1	-226	-453	-680	-907
				C.C. U13	1020	765	510	255	1	-254	-509	-764	-1018
				C.C. U14	858	644	429	215	1	-214	-428	-642	-857
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-78	-156	-234	-311	-389	-467	-545	-623
				C.C.2	0	-78	-156	-234	-311	-389	-467	-545	-623
				C.C.3	0	-78	-156	-234	-311	-389	-467	-545	-623
				C.C.4	0	-51	-102	-153	-204	-254	-305	-356	-407

				C.C.5	0	-51	-102	-153	-204	-254	-305	-356	-407
				C.C.6	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.7	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.8	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.9	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.10	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.11	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.12	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.13	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.14	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.15	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.16	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.17	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.18	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.19	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.20	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.21	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C. U1	0	-74	-148	-223	-297	-371	-445	-519	-593
				C.C. U2	0	-62	-125	-187	-250	-312	-375	-437	-499
				C.C. U3	0	-66	-132	-198	-264	-330	-397	-463	-529
				C.C. U4	0	-74	-148	-223	-297	-371	-445	-519	-593
				C.C. U5	0	-62	-125	-187	-250	-312	-375	-437	-499
				C.C. U6	0	-66	-132	-198	-264	-330	-397	-463	-529
				C.C. U7	0	-74	-148	-223	-297	-371	-445	-519	-593
				C.C. U8	0	-62	-125	-187	-250	-312	-375	-437	-499
				C.C. U9	0	-66	-132	-198	-264	-330	-397	-463	-529
				C.C. U10	0	-74	-148	-223	-297	-371	-445	-519	-593
				C.C. U11	0	-62	-125	-187	-250	-312	-375	-437	-499
				C.C. U12	0	-66	-132	-198	-264	-330	-397	-463	-529
				C.C. U13	0	-74	-148	-223	-297	-371	-445	-519	-593
				C.C. U14	0	-62	-125	-187	-250	-312	-375	-437	-499
<b>25</b>	<b>piano 1</b>	<b>6, 10</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	623	545	467	389	311	234	156	78	0
				C.C.2	623	545	467	389	311	234	156	78	0
				C.C.3	623	545	467	389	311	234	156	78	0
				C.C.4	407	356	305	254	204	153	102	51	0
				C.C.5	407	356	305	254	204	153	102	51	0
				C.C.6	297	260	222	185	148	111	74	37	0
				C.C.7	297	260	222	185	148	111	74	37	0
				C.C.8	297	260	222	185	148	111	74	37	0
				C.C.9	297	260	222	185	148	111	74	37	0
				C.C.10	297	260	222	185	148	111	74	37	0
				C.C.11	297	260	222	185	148	111	74	37	0
				C.C.12	297	260	222	185	148	111	74	37	0
				C.C.13	297	260	222	185	148	111	74	37	0
				C.C.14	297	260	222	185	148	111	74	37	0
				C.C.15	297	260	222	185	148	111	74	37	0
				C.C.16	297	260	222	185	148	111	74	37	0
				C.C.17	297	260	222	185	148	111	74	37	0
				C.C.18	297	260	222	185	148	111	74	37	0
				C.C.19	297	260	222	185	148	111	74	37	0
				C.C.20	297	260	222	185	148	111	74	37	0
				C.C.21	297	260	222	185	148	111	74	37	0
				C.C. U1	593	519	445	371	297	223	148	74	0
				C.C. U2	499	437	375	312	250	187	125	62	0
				C.C. U3	529	463	397	330	264	198	132	66	0
				C.C. U4	593	519	445	371	297	223	148	74	0
				C.C. U5	499	437	375	312	250	187	125	62	0
				C.C. U6	529	463	397	330	264	198	132	66	0
				C.C. U7	593	519	445	371	297	223	148	74	0
				C.C. U8	499	437	375	312	250	187	125	62	0
				C.C. U9	529	463	397	330	264	198	132	66	0
				C.C. U10	593	519	445	371	297	223	148	74	0
				C.C. U11	499	437	375	312	250	187	125	62	0
				C.C. U12	529	463	397	330	264	198	132	66	0
				C.C. U13	593	519	445	371	297	223	148	74	0
				C.C. U14	499	437	375	312	250	187	125	62	0
<b>26</b>	<b>piano 1</b>	<b>1</b>	<b>400.00</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	1	1	1	1	1	-	-	-	-
				C.C.3	-1	-1	-1	-1	-1	-	-	-	-

				C.C.4	2	2	2	2	2	-	-	-	-
				C.C.5	-2	-2	-2	-2	-2	-	-	-	-
				C.C.6	15	15	15	15	15	-	-	-	-
				C.C.7	71	71	71	71	71	-	-	-	-
				C.C.8	15	15	15	15	15	-	-	-	-
				C.C.9	71	71	71	71	71	-	-	-	-
				C.C.10	-71	-71	-71	-71	-71	-	-	-	-
				C.C.11	-15	-15	-15	-15	-15	-	-	-	-
				C.C.12	-71	-71	-71	-71	-71	-	-	-	-
				C.C.13	-15	-15	-15	-15	-15	-	-	-	-
				C.C.14	-31	-31	-31	-31	-31	-	-	-	-
				C.C.15	57	57	57	57	57	-	-	-	-
				C.C.16	-57	-57	-57	-57	-57	-	-	-	-
				C.C.17	31	31	31	31	31	-	-	-	-
				C.C.18	-32	-32	-32	-32	-32	-	-	-	-
				C.C.19	57	57	57	57	57	-	-	-	-
				C.C.20	-57	-57	-57	-57	-57	-	-	-	-
				C.C.21	31	31	31	31	31	-	-	-	-
				C.C. U1	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U2	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U3	-11	-11	-11	-11	-11	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	1	1	1	1	1	-	-	-	-
				C.C. U6	1	1	1	1	1	-	-	-	-
				C.C. U7	0	0	0	0	0	-	-	-	-
				C.C. U8	0	0	0	0	0	-	-	-	-
				C.C. U9	0	0	0	0	0	-	-	-	-
				C.C. U10	0	0	0	0	0	-	-	-	-
				C.C. U11	0	0	0	0	0	-	-	-	-
				C.C. U12	0	0	0	0	0	-	-	-	-
				C.C. U13	0	0	0	0	0	-	-	-	-
				C.C. U14	0	0	0	0	0	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	-2	-2	-2	-2	-2	-	-	-	-
				C.C.3	0	0	0	0	0	-	-	-	-
				C.C.4	-2	-2	-2	-2	-2	-	-	-	-
				C.C.5	1	1	1	1	1	-	-	-	-
				C.C.6	15	15	15	15	15	-	-	-	-
				C.C.7	70	70	70	70	70	-	-	-	-
				C.C.8	14	14	14	14	14	-	-	-	-
				C.C.9	70	70	70	70	70	-	-	-	-
				C.C.10	-71	-71	-71	-71	-71	-	-	-	-
				C.C.11	-15	-15	-15	-15	-15	-	-	-	-
				C.C.12	-71	-71	-71	-71	-71	-	-	-	-
				C.C.13	-16	-16	-16	-16	-16	-	-	-	-
				C.C.14	-31	-31	-31	-31	-31	-	-	-	-
				C.C.15	57	57	57	57	57	-	-	-	-
				C.C.16	-57	-57	-57	-57	-57	-	-	-	-
				C.C.17	31	31	31	31	31	-	-	-	-
				C.C.18	-32	-32	-32	-32	-32	-	-	-	-
				C.C.19	56	56	56	56	56	-	-	-	-
				C.C.20	-58	-58	-58	-58	-58	-	-	-	-
				C.C.21	30	30	30	30	30	-	-	-	-
				C.C. U1	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U2	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U3	-11	-11	-11	-11	-11	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	0	0	0	0	0	-	-	-	-
				C.C. U6	0	0	0	0	0	-	-	-	-
				C.C. U7	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U8	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U9	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U10	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U11	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U12	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U13	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U14	-1	-1	-1	-1	-1	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-

				C.C.2	-1	-1	-1	-1	-1	-	-	-	-
				C.C.3	2	2	2	2	2	-	-	-	-
				C.C.4	-2	-2	-2	-2	-2	-	-	-	-
				C.C.5	3	3	3	3	3	-	-	-	-
				C.C.6	15	15	15	15	15	-	-	-	-
				C.C.7	71	71	71	71	71	-	-	-	-
				C.C.8	15	15	15	15	15	-	-	-	-
				C.C.9	71	71	71	71	71	-	-	-	-
				C.C.10	-70	-70	-70	-70	-70	-	-	-	-
				C.C.11	-14	-14	-14	-14	-14	-	-	-	-
				C.C.12	-71	-71	-71	-71	-71	-	-	-	-
				C.C.13	-15	-15	-15	-15	-15	-	-	-	-
				C.C.14	-31	-31	-31	-31	-31	-	-	-	-
				C.C.15	58	58	58	58	58	-	-	-	-
				C.C.16	-57	-57	-57	-57	-57	-	-	-	-
				C.C.17	32	32	32	32	32	-	-	-	-
				C.C.18	-32	-32	-32	-32	-32	-	-	-	-
				C.C.19	57	57	57	57	57	-	-	-	-
				C.C.20	-57	-57	-57	-57	-57	-	-	-	-
				C.C.21	31	31	31	31	31	-	-	-	-
				C.C. U1	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U2	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U3	-10	-10	-10	-10	-10	-	-	-	-
				C.C. U4	1	1	1	1	1	-	-	-	-
				C.C. U5	1	1	1	1	1	-	-	-	-
				C.C. U6	1	1	1	1	1	-	-	-	-
				C.C. U7	0	0	0	0	0	-	-	-	-
				C.C. U8	0	0	0	0	0	-	-	-	-
				C.C. U9	0	0	0	0	0	-	-	-	-
				C.C. U10	0	0	0	0	0	-	-	-	-
				C.C. U11	0	0	0	0	0	-	-	-	-
				C.C. U12	0	0	0	0	0	-	-	-	-
				C.C. U13	0	0	0	0	0	-	-	-	-
				C.C. U14	0	0	0	0	0	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	-3	-3	-3	-3	-3	-	-	-	-
				C.C.4	1	1	1	1	1	-	-	-	-
				C.C.5	-3	-3	-3	-3	-3	-	-	-	-
				C.C.6	14	14	14	14	14	-	-	-	-
				C.C.7	70	70	70	70	70	-	-	-	-
				C.C.8	14	14	14	14	14	-	-	-	-
				C.C.9	70	70	70	70	70	-	-	-	-
				C.C.10	-71	-71	-71	-71	-71	-	-	-	-
				C.C.11	-15	-15	-15	-15	-15	-	-	-	-
				C.C.12	-71	-71	-71	-71	-71	-	-	-	-
				C.C.13	-15	-15	-15	-15	-15	-	-	-	-
				C.C.14	-32	-32	-32	-32	-32	-	-	-	-
				C.C.15	57	57	57	57	57	-	-	-	-
				C.C.16	-58	-58	-58	-58	-58	-	-	-	-
				C.C.17	31	31	31	31	31	-	-	-	-
				C.C.18	-33	-33	-33	-33	-33	-	-	-	-
				C.C.19	56	56	56	56	56	-	-	-	-
				C.C.20	-58	-58	-58	-58	-58	-	-	-	-
				C.C.21	31	31	31	31	31	-	-	-	-
				C.C. U1	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U2	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U3	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	0	0	0	0	0	-	-	-	-
				C.C. U6	0	0	0	0	0	-	-	-	-
				C.C. U7	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U8	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U9	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U10	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U11	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U12	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U13	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U14	-1	-1	-1	-1	-1	-	-	-	-
30	piano 1	5	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-3	-3	-3	-3	-3	-	-	-	-
				C.C.2	2	2	2	2	2	-	-	-	-
				C.C.3	-7	-7	-7	-7	-7	-	-	-	-
				C.C.4	5	5	5	5	5	-	-	-	-
				C.C.5	-10	-10	-10	-10	-10	-	-	-	-
				C.C.6	30	30	30	30	30	-	-	-	-
				C.C.7	145	145	145	145	145	-	-	-	-
				C.C.8	29	29	29	29	29	-	-	-	-
				C.C.9	144	144	144	144	144	-	-	-	-
				C.C.10	-147	-147	-147	-147	-147	-	-	-	-
				C.C.11	-32	-32	-32	-32	-32	-	-	-	-
				C.C.12	-148	-148	-148	-148	-148	-	-	-	-
				C.C.13	-33	-33	-33	-33	-33	-	-	-	-
				C.C.14	-66	-66	-66	-66	-66	-	-	-	-
				C.C.15	117	117	117	117	117	-	-	-	-
				C.C.16	-119	-119	-119	-119	-119	-	-	-	-
				C.C.17	64	64	64	64	64	-	-	-	-
				C.C.18	-67	-67	-67	-67	-67	-	-	-	-
				C.C.19	116	116	116	116	116	-	-	-	-
				C.C.20	-120	-120	-120	-120	-120	-	-	-	-
				C.C.21	63	63	63	63	63	-	-	-	-
				C.C. U1	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U2	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U3	-24	-24	-24	-24	-24	-	-	-	-
				C.C. U4	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U5	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U6	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U7	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U8	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U9	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U10	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U11	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U12	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U13	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U14	-3	-3	-3	-3	-3	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	1	1	1	1	1	-	-	-	-
				C.C.2	-4	-4	-4	-4	-4	-	-	-	-
				C.C.3	5	5	5	5	5	-	-	-	-
				C.C.4	-7	-7	-7	-7	-7	-	-	-	-
				C.C.5	8	8	8	8	8	-	-	-	-
				C.C.6	31	31	31	31	31	-	-	-	-
				C.C.7	147	147	147	147	147	-	-	-	-
				C.C.8	31	31	31	31	31	-	-	-	-
				C.C.9	146	146	146	146	146	-	-	-	-
				C.C.10	-146	-146	-146	-146	-146	-	-	-	-
				C.C.11	-30	-30	-30	-30	-30	-	-	-	-
				C.C.12	-146	-146	-146	-146	-146	-	-	-	-
				C.C.13	-31	-31	-31	-31	-31	-	-	-	-
				C.C.14	-64	-64	-64	-64	-64	-	-	-	-
				C.C.15	119	119	119	119	119	-	-	-	-
				C.C.16	-117	-117	-117	-117	-117	-	-	-	-
				C.C.17	66	66	66	66	66	-	-	-	-
				C.C.18	-66	-66	-66	-66	-66	-	-	-	-
				C.C.19	117	117	117	117	117	-	-	-	-
				C.C.20	-119	-119	-119	-119	-119	-	-	-	-
				C.C.21	64	64	64	64	64	-	-	-	-
				C.C. U1	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U2	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U3	-21	-21	-21	-21	-21	-	-	-	-
				C.C. U4	2	2	2	2	2	-	-	-	-
				C.C. U5	2	2	2	2	2	-	-	-	-
				C.C. U6	3	3	3	3	3	-	-	-	-
				C.C. U7	1	1	1	1	1	-	-	-	-
				C.C. U8	1	1	1	1	1	-	-	-	-
				C.C. U9	1	1	1	1	1	-	-	-	-
				C.C. U10	1	1	1	1	1	-	-	-	-
				C.C. U11	1	1	1	1	1	-	-	-	-
				C.C. U12	1	1	1	1	1	-	-	-	-
				C.C. U13	1	1	1	1	1	-	-	-	-

				C.C. U14	1	1	1	1	1	-	-	-	-
--	--	--	--	----------	---	---	---	---	---	---	---	---	---

#### 4.3.7 Momento Torcente - Combinazioni SLD.

I prospetti seguenti riportano i valori del momento torcente ( $M_t$ ) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 59.I

Momento Torcente ( $M_t$ ) [daNm] - Combinazioni SLD													
Asta	Imp.	Fili	L [cm]	Comb.	$M_{t1}$	$M_{t2}$	$M_{t3}$	$M_{t4}$	$M_{t5}$	$M_{t6}$	$M_{t7}$	$M_{t8}$	$M_{t9}$
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	11	11	11	11	11	11	11	11	11
				C.C.2	11	11	11	11	11	11	11	11	11
				C.C.3	10	10	10	10	10	10	10	10	10
				C.C.4	7	7	7	7	7	7	7	7	7
				C.C.5	5	5	5	5	5	5	5	5	5
				C.C.6	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C.7	-38	-38	-38	-38	-38	-38	-38	-38	-38
				C.C.8	17	17	17	16	16	16	16	16	16
				C.C.9	9	9	9	9	9	9	9	9	9
				C.C.10	3	3	3	3	3	3	3	3	3
				C.C.11	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.12	50	50	50	50	50	50	50	50	50
				C.C.13	42	42	42	42	42	42	42	42	42
				C.C.14	-71	-71	-71	-71	-71	-71	-71	-71	-71
				C.C.15	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C.16	-61	-61	-61	-61	-61	-61	-61	-61	-61
				C.C.17	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C.18	85	85	85	85	85	85	85	85	85
				C.C.19	73	73	73	73	73	73	73	73	73
				C.C.20	95	95	95	95	95	95	95	95	95
				C.C.21	83	83	83	83	83	83	83	83	83
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	12	12	12	12	12	12	12	12	12
				C.C.2	12	12	12	12	12	12	12	12	12
				C.C.3	12	12	12	12	12	12	12	12	12
				C.C.4	9	9	9	9	9	9	9	9	9
				C.C.5	9	9	9	9	9	9	9	9	9
				C.C.6	20	20	20	20	20	20	20	20	20
				C.C.7	13	13	13	13	13	13	13	13	13
				C.C.8	31	31	31	31	31	31	31	31	31
				C.C.9	24	24	24	24	24	24	24	24	24
				C.C.10	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.11	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.12	5	5	5	5	5	5	5	5	5
				C.C.13	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.14	0	0	0	0	0	0	0	0	0
				C.C.15	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.16	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.17	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.18	37	37	37	37	37	37	37	37	37
				C.C.19	26	26	26	26	26	26	26	26	26
				C.C.20	29	29	29	29	29	29	29	29	29
				C.C.21	18	18	18	18	18	18	18	18	18
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.2	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.3	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.4	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.5	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.6	18	18	18	18	18	18	18	18	18
				C.C.7	11	11	11	11	11	11	11	11	11
				C.C.8	8	8	8	8	8	8	8	8	8
				C.C.9	1	1	1	1	1	1	1	1	1
				C.C.10	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.11	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.12	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.13	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C.14	21	21	21	21	21	21	21	21	21



				C.C.15	10	10	10	10	10	10	10	10	10
				C.C.16	12	12	12	12	12	12	12	12	12
				C.C.17	1	1	1	1	1	1	1	1	1
				C.C.18	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.19	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.20	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.21	-32	-32	-32	-32	-32	-32	-32	-32	-32
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.2	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.3	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C.4	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.5	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.6	2	2	2	2	2	2	2	2	2
				C.C.7	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.8	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C.9	-50	-50	-50	-50	-50	-50	-50	-50	-50
				C.C.10	29	29	29	29	29	29	29	29	29
				C.C.11	22	22	22	22	22	22	22	22	22
				C.C.12	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C.13	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.14	65	65	65	65	65	65	65	65	65
				C.C.15	54	54	54	54	54	54	54	54	54
				C.C.16	74	74	74	74	74	74	74	74	74
				C.C.17	62	62	62	62	62	62	62	62	62
				C.C.18	-84	-84	-84	-84	-84	-84	-84	-84	-84
				C.C.19	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C.20	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.21	-87	-87	-87	-87	-87	-87	-87	-87	-87
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.2	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.3	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.4	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.6	47	47	47	47	47	47	47	47	47
				C.C.7	43	43	43	43	43	43	43	43	43
				C.C.8	30	30	30	30	30	30	30	30	30
				C.C.9	25	25	25	25	25	25	25	25	25
				C.C.10	-65	-65	-65	-65	-65	-65	-65	-65	-65
				C.C.11	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C.12	-82	-82	-82	-82	-82	-82	-82	-82	-82
				C.C.13	-87	-87	-87	-87	-87	-87	-87	-87	-87
				C.C.14	30	30	30	30	30	30	30	30	30
				C.C.15	23	23	23	23	23	23	23	23	23
				C.C.16	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C.17	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.18	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C.19	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C.20	-62	-62	-62	-62	-62	-62	-62	-62	-62
				C.C.21	-69	-69	-69	-69	-69	-69	-69	-69	-69
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.2	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.3	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.4	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.5	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.6	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C.7	-65	-65	-65	-65	-65	-65	-65	-65	-65
				C.C.8	-84	-84	-84	-84	-84	-84	-84	-84	-84
				C.C.9	-79	-79	-79	-79	-79	-79	-79	-79	-79
				C.C.10	44	44	44	44	44	44	44	44	44
				C.C.11	48	48	48	48	48	48	48	48	48
				C.C.12	29	29	29	29	29	29	29	29	29
				C.C.13	33	33	33	33	33	33	33	33	33
				C.C.14	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C.15	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C.16	20	20	20	20	20	20	20	20	20
				C.C.17	27	27	27	27	27	27	27	27	27
				C.C.18	-62	-62	-62	-62	-62	-62	-62	-62	-62
				C.C.19	-56	-56	-56	-56	-56	-56	-56	-56	-56
				C.C.20	-29	-29	-29	-29	-29	-29	-29	-29	-29

				C.C.21	-22	-22	-22	-22	-22	-22	-22	-22	-22
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	25	25	25	25	25	25	25	25	25
				C.C.2	25	25	25	25	25	25	25	25	25
				C.C.3	24	24	24	24	24	24	24	24	24
				C.C.4	19	19	19	19	19	19	19	19	19
				C.C.5	18	18	18	18	18	18	18	18	18
				C.C.6	64	64	64	64	64	64	64	64	64
				C.C.7	60	60	60	60	60	60	60	60	60
				C.C.8	81	81	81	81	81	81	81	81	81
				C.C.9	77	77	77	77	77	77	77	77	77
				C.C.10	-40	-40	-40	-40	-40	-40	-40	-40	-40
				C.C.11	-44	-44	-44	-44	-44	-44	-44	-44	-44
				C.C.12	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.13	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.14	9	9	9	9	9	9	9	9	9
				C.C.15	3	3	3	3	3	3	3	3	3
				C.C.16	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.17	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.18	66	66	66	66	66	66	66	66	66
				C.C.19	59	59	59	59	59	59	59	59	59
				C.C.20	34	34	34	34	34	34	34	34	34
				C.C.21	28	28	28	28	28	28	28	28	28
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	19	19	19	19	19	19	19	19	19
				C.C.2	19	19	19	19	19	19	19	19	19
				C.C.3	19	19	19	19	19	19	19	19	19
				C.C.4	15	15	15	15	15	15	15	15	15
				C.C.5	16	16	16	16	16	16	16	16	16
				C.C.6	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C.7	-42	-42	-42	-42	-42	-42	-42	-42	-42
				C.C.8	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C.9	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.10	57	57	57	57	57	57	57	57	57
				C.C.11	60	60	60	60	60	60	60	60	60
				C.C.12	72	72	72	72	72	72	72	72	72
				C.C.13	76	76	76	76	76	76	76	76	76
				C.C.14	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C.15	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.16	1	1	1	1	1	1	1	1	1
				C.C.17	7	7	7	7	7	7	7	7	7
				C.C.18	24	24	24	24	24	24	24	24	24
				C.C.19	29	29	29	29	29	29	29	29	29
				C.C.20	54	54	54	54	54	54	54	54	54
				C.C.21	60	60	60	60	60	60	60	60	60
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	19	19	19	19	19	19	19	19	19
				C.C.2	20	20	20	20	20	20	20	20	20
				C.C.3	19	19	19	19	19	19	19	19	19
				C.C.4	13	13	13	13	13	13	13	13	13
				C.C.5	12	12	12	12	12	12	12	12	12
				C.C.6	3	3	3	3	3	3	3	3	3
				C.C.7	6	6	6	6	6	6	6	6	6
				C.C.8	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.9	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.10	50	50	50	50	50	50	50	50	50
				C.C.11	53	53	53	53	53	53	53	53	53
				C.C.12	19	19	19	19	19	19	19	19	19
				C.C.13	22	22	22	22	22	22	22	22	22
				C.C.14	54	54	54	54	54	54	54	54	54
				C.C.15	59	59	59	59	59	59	59	59	59
				C.C.16	68	68	68	68	68	68	68	68	68
				C.C.17	73	73	73	73	73	73	73	73	73
				C.C.18	-48	-48	-48	-48	-48	-48	-48	-48	-48
				C.C.19	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C.20	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.21	-29	-29	-29	-29	-29	-29	-29	-29	-29
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C.2	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.3	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C.4	-10	-10	-10	-10	-10	-10	-10	-10	-10

				C.C.5	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.6	-60	-60	-60	-60	-60	-60	-60	-60	-60
				C.C.7	-57	-57	-57	-57	-57	-57	-57	-57	-57
				C.C.8	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.9	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.10	8	8	8	8	8	8	8	8	8
				C.C.11	11	11	11	11	11	11	11	11	11
				C.C.12	39	39	39	39	39	39	39	39	39
				C.C.13	42	42	42	42	42	42	42	42	42
				C.C.14	-74	-74	-74	-74	-74	-74	-74	-74	-74
				C.C.15	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C.16	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C.17	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C.18	31	31	31	31	31	31	31	31	31
				C.C.19	36	36	36	36	36	36	36	36	36
				C.C.20	51	51	51	51	51	51	51	51	51
				C.C.21	56	56	56	56	56	56	56	56	56
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	30	30	30	30	30	30	30	30	30
				C.C.2	29	29	29	29	29	29	29	29	29
				C.C.3	30	30	30	30	30	30	30	30	30
				C.C.4	28	28	28	28	28	28	28	28	28
				C.C.5	30	30	30	30	30	30	30	30	30
				C.C.6	37	37	37	37	37	37	37	37	37
				C.C.7	25	25	25	25	25	25	25	25	25
				C.C.8	86	86	86	86	86	86	86	86	86
				C.C.9	74	74	74	74	74	74	74	74	74
				C.C.10	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.11	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.12	32	32	32	32	32	32	32	32	32
				C.C.13	21	21	21	21	21	21	21	21	21
				C.C.14	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C.15	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C.16	-52	-52	-52	-52	-52	-52	-52	-52	-52
				C.C.17	-70	-70	-70	-70	-70	-70	-70	-70	-70
				C.C.18	127	127	127	127	127	127	127	127	127
				C.C.19	110	110	110	110	110	110	110	110	110
				C.C.20	111	111	111	111	111	111	111	111	111
				C.C.21	93	93	93	93	93	93	93	93	93
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.5	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.6	9	9	9	9	9	9	9	9	9
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	9	9	9	9	9	9	9	9	9
				C.C.9	1	1	1	1	1	1	1	1	1
				C.C.10	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C.11	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.12	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.13	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.14	6	6	6	6	6	6	6	6	6
				C.C.15	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.16	2	2	2	2	2	2	2	2	2
				C.C.17	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.18	9	9	9	9	9	9	9	9	9
				C.C.19	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.20	5	5	5	5	5	5	5	5	5
				C.C.21	-9	-9	-9	-9	-9	-9	-9	-9	-9
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.2	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.3	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.4	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.5	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.6	37	37	37	37	37	37	37	37	37
				C.C.7	26	26	26	26	26	26	26	26	26
				C.C.8	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.9	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.10	-23	-23	-23	-23	-23	-23	-23	-23	-23

				C.C.11	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.12	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C.13	-84	-84	-84	-84	-84	-84	-84	-84	-84
				C.C.14	78	78	78	78	78	78	78	78	78
				C.C.15	60	60	60	60	60	60	60	60	60
				C.C.16	60	60	60	60	60	60	60	60	60
				C.C.17	42	42	42	42	42	42	42	42	42
				C.C.18	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C.19	-106	-106	-106	-106	-106	-106	-106	-106	-106
				C.C.20	-106	-106	-106	-106	-106	-106	-106	-106	-106
				C.C.21	-124	-124	-124	-124	-124	-124	-124	-124	-124
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-92	-69	-46	-23	0	23	46	69	92
				C.C.2	-92	-69	-46	-23	0	23	46	69	92
				C.C.3	-92	-69	-46	-23	0	23	46	69	92
				C.C.4	-67	-50	-33	-17	0	17	33	50	67
				C.C.5	-67	-50	-33	-17	0	17	33	50	67
				C.C.6	-70	-53	-36	-20	-3	14	30	47	64
				C.C.7	-77	-60	-43	-27	-10	7	23	40	57
				C.C.8	-70	-53	-36	-20	-3	14	30	47	64
				C.C.9	-77	-60	-43	-27	-10	7	23	40	57
				C.C.10	-56	-40	-23	-6	10	27	44	60	77
				C.C.11	-64	-47	-30	-14	3	20	36	53	70
				C.C.12	-56	-40	-23	-6	10	27	44	60	77
				C.C.13	-64	-47	-30	-14	3	20	36	53	70
				C.C.14	-63	-46	-30	-13	4	20	37	54	70
				C.C.15	-74	-58	-41	-24	-8	9	26	42	59
				C.C.16	-59	-42	-26	-9	8	24	41	58	74
				C.C.17	-70	-54	-37	-20	-4	13	30	46	63
				C.C.18	-63	-46	-30	-13	4	20	37	54	70
				C.C.19	-74	-57	-41	-24	-7	9	26	43	59
				C.C.20	-59	-42	-26	-9	8	24	41	58	74
				C.C.21	-70	-54	-37	-20	-4	13	30	46	63
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	252	218	183	148	113	78	43	8	-27
				C.C.2	252	217	182	147	113	78	43	8	-27
				C.C.3	253	218	183	148	113	79	44	9	-26
				C.C.4	181	157	133	109	85	61	37	13	-11
				C.C.5	183	159	135	111	87	63	39	14	-10
				C.C.6	-87	-111	-135	-159	-183	-207	-232	-256	-280
				C.C.7	-88	-112	-136	-161	-185	-209	-233	-257	-281
				C.C.8	-106	-130	-154	-178	-202	-226	-251	-275	-299
				C.C.9	-107	-131	-156	-180	-204	-228	-252	-276	-300
				C.C.10	472	448	424	400	375	351	327	303	279
				C.C.11	471	446	422	398	374	350	326	302	278
				C.C.12	453	429	405	381	356	332	308	284	260
				C.C.13	451	427	403	379	355	331	307	283	259
				C.C.14	131	107	83	59	35	11	-13	-37	-61
				C.C.15	129	105	81	57	33	9	-15	-39	-63
				C.C.16	299	275	251	227	203	178	154	130	106
				C.C.17	297	273	249	225	200	176	152	128	104
				C.C.18	68	44	19	-5	-29	-53	-77	-101	-125
				C.C.19	66	42	17	-7	-31	-55	-79	-103	-127
				C.C.20	235	211	187	163	139	115	91	67	43
				C.C.21	233	209	185	161	137	113	89	65	41
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	5	10	15	20	25	30	34	39
				C.C.2	0	5	10	15	20	25	30	34	39
				C.C.3	0	5	10	15	20	25	30	34	39
				C.C.4	0	4	7	11	14	18	21	25	29
				C.C.5	0	4	7	11	14	18	21	25	29
				C.C.6	0	4	7	11	14	18	21	25	29
				C.C.7	0	4	7	11	14	18	21	25	29
				C.C.8	0	4	7	11	14	18	21	25	29
				C.C.9	0	4	7	11	14	18	21	25	29
				C.C.10	0	4	7	11	14	18	21	25	29
				C.C.11	0	4	7	11	14	18	21	25	29
				C.C.12	0	4	7	11	14	18	21	25	29
				C.C.13	0	4	7	11	14	18	21	25	29
				C.C.14	0	4	7	11	14	18	21	25	29

				C.C.15	0	4	7	11	14	18	21	25	29
				C.C.16	0	4	7	11	14	18	21	25	29
				C.C.17	0	4	7	11	14	18	21	25	29
				C.C.18	0	4	7	11	14	18	21	25	29
				C.C.19	0	4	7	11	14	18	21	25	29
				C.C.20	0	4	7	11	14	18	21	25	29
				C.C.21	0	4	7	11	14	18	21	25	29
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	0	0	0	0	0	0	0	0	0
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	0	0	0	0	0	0	0	0	0
				C.C.12	0	0	0	0	0	0	0	0	0
				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	0	0	0	0	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
				C.C.17	0	0	0	0	0	0	0	0	0
				C.C.18	0	0	0	0	0	0	0	0	0
				C.C.19	0	0	0	0	0	0	0	0	0
				C.C.20	0	0	0	0	0	0	0	0	0
				C.C.21	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-252	-217	-182	-147	-112	-77	-42	-7	27
				C.C.2	-251	-216	-181	-146	-112	-77	-42	-7	28
				C.C.3	-252	-217	-182	-147	-113	-78	-43	-8	27
				C.C.4	-181	-157	-133	-109	-84	-60	-36	-12	12
				C.C.5	-182	-158	-134	-110	-86	-62	-38	-14	10
				C.C.6	-469	-445	-420	-396	-372	-348	-324	-300	-276
				C.C.7	-470	-446	-422	-398	-374	-350	-325	-301	-277
				C.C.8	-453	-429	-405	-381	-357	-333	-309	-285	-261
				C.C.9	-455	-431	-407	-383	-358	-334	-310	-286	-262
				C.C.10	92	116	140	164	188	212	236	260	284
				C.C.11	91	115	139	163	187	211	235	259	283
				C.C.12	107	131	155	179	203	227	251	275	300
				C.C.13	106	130	154	178	202	226	250	274	298
				C.C.14	-290	-266	-242	-218	-193	-169	-145	-121	-97
				C.C.15	-292	-268	-244	-220	-196	-171	-147	-123	-99
				C.C.16	-122	-98	-73	-49	-25	-1	23	47	71
				C.C.17	-124	-100	-76	-51	-27	-3	21	45	69
				C.C.18	-239	-215	-191	-167	-143	-119	-95	-71	-47
				C.C.19	-241	-217	-193	-169	-145	-121	-97	-73	-49
				C.C.20	-71	-47	-23	1	25	49	73	97	121
				C.C.21	-73	-49	-25	-1	23	47	71	95	119
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-39	-34	-30	-25	-20	-15	-10	-5	0
				C.C.2	-39	-34	-30	-25	-20	-15	-10	-5	0
				C.C.3	-39	-34	-30	-25	-20	-15	-10	-5	0
				C.C.4	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.5	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.6	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.7	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.8	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.9	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.10	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.11	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.12	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.13	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.14	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.15	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.16	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.17	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.18	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.19	-29	-25	-21	-18	-14	-11	-7	-4	0

				C.C.20	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.21	-29	-25	-21	-18	-14	-11	-7	-4	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	0	0	0	0	0	0	0	0	0
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	0	0	0	0	0	0	0	0	0
				C.C.12	0	0	0	0	0	0	0	0	0
				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	0	0	0	0	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
				C.C.17	0	0	0	0	0	0	0	0	0
				C.C.18	0	0	0	0	0	0	0	0	0
				C.C.19	0	0	0	0	0	0	0	0	0
				C.C.20	0	0	0	0	0	0	0	0	0
				C.C.21	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-11	-29	-48	-66	-85	-103	-122	-140	-158
				C.C.2	-11	-29	-48	-66	-85	-103	-121	-140	-158
				C.C.3	-11	-30	-48	-66	-85	-103	-122	-140	-158
				C.C.4	-4	-17	-29	-42	-55	-68	-80	-93	-106
				C.C.5	-4	-17	-30	-43	-55	-68	-81	-93	-106
				C.C.6	183	170	157	145	132	119	107	94	81
				C.C.7	169	156	143	131	118	105	93	80	67
				C.C.8	132	119	107	94	81	69	56	43	30
				C.C.9	118	105	93	80	67	55	42	29	16
				C.C.10	-127	-139	-152	-165	-178	-190	-203	-216	-228
				C.C.11	-141	-153	-166	-179	-191	-204	-217	-230	-242
				C.C.12	-177	-190	-203	-215	-228	-241	-254	-266	-279
				C.C.13	-191	-204	-217	-229	-242	-255	-268	-280	-293
				C.C.14	138	125	112	100	87	74	61	49	36
				C.C.15	116	103	90	77	65	52	39	27	14
				C.C.16	45	32	19	7	-6	-19	-31	-44	-57
				C.C.17	23	10	-3	-15	-28	-41	-53	-66	-79
				C.C.18	-31	-44	-57	-69	-82	-95	-108	-120	-133
				C.C.19	-53	-66	-79	-91	-104	-117	-130	-142	-155
				C.C.20	-124	-137	-150	-162	-175	-188	-200	-213	-226
				C.C.21	-146	-159	-172	-184	-197	-210	-222	-235	-248
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	11	29	48	66	85	103	121	140	158
				C.C.2	11	29	48	66	84	103	121	140	158
				C.C.3	11	29	48	66	85	103	122	140	158
				C.C.4	4	17	29	42	55	68	80	93	106
				C.C.5	4	17	30	42	55	68	81	93	106
				C.C.6	139	152	165	177	190	203	216	228	241
				C.C.7	125	138	151	163	176	189	202	214	227
				C.C.8	192	205	217	230	243	256	268	281	294
				C.C.9	178	191	203	216	229	241	254	267	280
				C.C.10	-170	-157	-144	-131	-119	-106	-93	-81	-68
				C.C.11	-184	-171	-158	-146	-133	-120	-107	-95	-82
				C.C.12	-117	-104	-92	-79	-66	-53	-41	-28	-15
				C.C.13	-131	-118	-106	-93	-80	-67	-55	-42	-29
				C.C.14	-26	-13	-1	12	25	37	50	63	76
				C.C.15	-48	-36	-23	-10	3	15	28	41	53
				C.C.16	-119	-106	-93	-81	-68	-55	-42	-30	-17
				C.C.17	-141	-128	-116	-103	-90	-77	-65	-52	-39
				C.C.18	149	162	175	187	200	213	226	238	251
				C.C.19	127	140	152	165	178	191	203	216	229
				C.C.20	57	69	82	95	108	120	133	146	158
				C.C.21	34	47	60	73	85	98	111	123	136
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	757	568	379	189	0	-189	-378	-567	-756
				C.C.2	757	568	379	189	0	-189	-378	-567	-756

				C.C.3	757	568	379	189	0	-189	-378	-567	-756
				C.C.4	510	382	255	128	0	-127	-254	-382	-509
				C.C.5	510	382	255	128	0	-127	-254	-382	-509
				C.C.6	578	450	323	196	69	-59	-186	-313	-441
				C.C.7	561	433	306	179	51	-76	-203	-331	-458
				C.C.8	578	451	324	196	69	-58	-186	-313	-440
				C.C.9	561	434	307	179	52	-75	-203	-330	-457
				C.C.10	458	331	203	76	-51	-178	-306	-433	-560
				C.C.11	441	314	186	59	-68	-196	-323	-450	-578
				C.C.12	459	331	204	77	-51	-178	-305	-433	-560
				C.C.13	441	314	187	60	-68	-195	-322	-450	-577
				C.C.14	540	413	286	158	31	-96	-224	-351	-478
				C.C.15	513	386	259	131	4	-123	-251	-378	-505
				C.C.16	504	377	250	123	-5	-132	-259	-387	-514
				C.C.17	477	350	223	95	-32	-159	-287	-414	-541
				C.C.18	542	415	287	160	33	-95	-222	-349	-476
				C.C.19	515	387	260	133	6	-122	-249	-376	-504
				C.C.20	506	379	252	124	-3	-130	-258	-385	-512
				C.C.21	479	352	224	97	-30	-158	-285	-412	-540
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-55	-110	-165	-220	-275	-330	-385	-440
				C.C.2	0	-55	-110	-165	-220	-275	-330	-385	-440
				C.C.3	0	-55	-110	-165	-220	-275	-330	-385	-440
				C.C.4	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.5	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.6	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.7	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.8	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.9	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.10	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.11	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.12	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.13	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.14	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.15	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.16	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.17	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.18	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.19	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.20	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.21	0	-37	-74	-111	-148	-185	-222	-260	-297
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	440	385	330	275	220	165	110	55	0
				C.C.2	440	385	330	275	220	165	110	55	0
				C.C.3	440	385	330	275	220	165	110	55	0
				C.C.4	297	260	222	185	148	111	74	37	0
				C.C.5	297	260	222	185	148	111	74	37	0
				C.C.6	297	260	222	185	148	111	74	37	0
				C.C.7	297	260	222	185	148	111	74	37	0
				C.C.8	297	260	222	185	148	111	74	37	0
				C.C.9	297	260	222	185	148	111	74	37	0
				C.C.10	297	260	222	185	148	111	74	37	0
				C.C.11	297	260	222	185	148	111	74	37	0
				C.C.12	297	260	222	185	148	111	74	37	0
				C.C.13	297	260	222	185	148	111	74	37	0
				C.C.14	297	260	222	185	148	111	74	37	0
				C.C.15	297	260	222	185	148	111	74	37	0
				C.C.16	297	260	222	185	148	111	74	37	0
				C.C.17	297	260	222	185	148	111	74	37	0
				C.C.18	297	260	222	185	148	111	74	37	0
				C.C.19	297	260	222	185	148	111	74	37	0
				C.C.20	297	260	222	185	148	111	74	37	0
				C.C.21	297	260	222	185	148	111	74	37	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	1	1	1	1	1	-	-	-	-
				C.C.3	-1	-1	-1	-1	-1	-	-	-	-
				C.C.4	1	1	1	1	1	-	-	-	-
				C.C.5	-1	-1	-1	-1	-1	-	-	-	-
				C.C.6	3	3	3	3	3	-	-	-	-
				C.C.7	35	35	35	35	35	-	-	-	-

				C.C.8	3	3	3	3	3	-	-	-	-
				C.C.9	35	35	35	35	35	-	-	-	-
				C.C.10	-35	-35	-35	-35	-35	-	-	-	-
				C.C.11	-3	-3	-3	-3	-3	-	-	-	-
				C.C.12	-35	-35	-35	-35	-35	-	-	-	-
				C.C.13	-3	-3	-3	-3	-3	-	-	-	-
				C.C.14	-20	-20	-20	-20	-20	-	-	-	-
				C.C.15	31	31	31	31	31	-	-	-	-
				C.C.16	-31	-31	-31	-31	-31	-	-	-	-
				C.C.17	20	20	20	20	20	-	-	-	-
				C.C.18	-20	-20	-20	-20	-20	-	-	-	-
				C.C.19	31	31	31	31	31	-	-	-	-
				C.C.20	-32	-32	-32	-32	-32	-	-	-	-
				C.C.21	19	19	19	19	19	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	-1	-1	-1	-1	-1	-	-	-	-
				C.C.3	0	0	0	0	0	-	-	-	-
				C.C.4	-2	-2	-2	-2	-2	-	-	-	-
				C.C.5	1	1	1	1	1	-	-	-	-
				C.C.6	3	3	3	3	3	-	-	-	-
				C.C.7	35	35	35	35	35	-	-	-	-
				C.C.8	3	3	3	3	3	-	-	-	-
				C.C.9	35	35	35	35	35	-	-	-	-
				C.C.10	-36	-36	-36	-36	-36	-	-	-	-
				C.C.11	-3	-3	-3	-3	-3	-	-	-	-
				C.C.12	-36	-36	-36	-36	-36	-	-	-	-
				C.C.13	-4	-4	-4	-4	-4	-	-	-	-
				C.C.14	-20	-20	-20	-20	-20	-	-	-	-
				C.C.15	31	31	31	31	31	-	-	-	-
				C.C.16	-31	-31	-31	-31	-31	-	-	-	-
				C.C.17	20	20	20	20	20	-	-	-	-
				C.C.18	-21	-21	-21	-21	-21	-	-	-	-
				C.C.19	30	30	30	30	30	-	-	-	-
				C.C.20	-32	-32	-32	-32	-32	-	-	-	-
				C.C.21	19	19	19	19	19	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	-1	-1	-1	-1	-1	-	-	-	-
				C.C.3	1	1	1	1	1	-	-	-	-
				C.C.4	-1	-1	-1	-1	-1	-	-	-	-
				C.C.5	2	2	2	2	2	-	-	-	-
				C.C.6	3	3	3	3	3	-	-	-	-
				C.C.7	35	35	35	35	35	-	-	-	-
				C.C.8	3	3	3	3	3	-	-	-	-
				C.C.9	35	35	35	35	35	-	-	-	-
				C.C.10	-35	-35	-35	-35	-35	-	-	-	-
				C.C.11	-3	-3	-3	-3	-3	-	-	-	-
				C.C.12	-35	-35	-35	-35	-35	-	-	-	-
				C.C.13	-3	-3	-3	-3	-3	-	-	-	-
				C.C.14	-19	-19	-19	-19	-19	-	-	-	-
				C.C.15	32	32	32	32	32	-	-	-	-
				C.C.16	-31	-31	-31	-31	-31	-	-	-	-
				C.C.17	20	20	20	20	20	-	-	-	-
				C.C.18	-20	-20	-20	-20	-20	-	-	-	-
				C.C.19	31	31	31	31	31	-	-	-	-
				C.C.20	-31	-31	-31	-31	-31	-	-	-	-
				C.C.21	20	20	20	20	20	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	-2	-2	-2	-2	-2	-	-	-	-
				C.C.4	1	1	1	1	1	-	-	-	-
				C.C.5	-2	-2	-2	-2	-2	-	-	-	-
				C.C.6	2	2	2	2	2	-	-	-	-
				C.C.7	35	35	35	35	35	-	-	-	-
				C.C.8	2	2	2	2	2	-	-	-	-
				C.C.9	34	34	34	34	34	-	-	-	-
				C.C.10	-36	-36	-36	-36	-36	-	-	-	-
				C.C.11	-3	-3	-3	-3	-3	-	-	-	-



				C.C.12	-36	-36	-36	-36	-36	-	-	-	-
				C.C.13	-4	-4	-4	-4	-4	-	-	-	-
				C.C.14	-20	-20	-20	-20	-20	-	-	-	-
				C.C.15	31	31	31	31	31	-	-	-	-
				C.C.16	-32	-32	-32	-32	-32	-	-	-	-
				C.C.17	20	20	20	20	20	-	-	-	-
				C.C.18	-21	-21	-21	-21	-21	-	-	-	-
				C.C.19	30	30	30	30	30	-	-	-	-
				C.C.20	-32	-32	-32	-32	-32	-	-	-	-
				C.C.21	19	19	19	19	19	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2	-2	-2	-2	-2	-	-	-	-
				C.C.2	1	1	1	1	1	-	-	-	-
				C.C.3	-5	-5	-5	-5	-5	-	-	-	-
				C.C.4	4	4	4	4	4	-	-	-	-
				C.C.5	-7	-7	-7	-7	-7	-	-	-	-
				C.C.6	5	5	5	5	5	-	-	-	-
				C.C.7	71	71	71	71	71	-	-	-	-
				C.C.8	5	5	5	5	5	-	-	-	-
				C.C.9	71	71	71	71	71	-	-	-	-
				C.C.10	-74	-74	-74	-74	-74	-	-	-	-
				C.C.11	-8	-8	-8	-8	-8	-	-	-	-
				C.C.12	-74	-74	-74	-74	-74	-	-	-	-
				C.C.13	-8	-8	-8	-8	-8	-	-	-	-
				C.C.14	-42	-42	-42	-42	-42	-	-	-	-
				C.C.15	63	63	63	63	63	-	-	-	-
				C.C.16	-65	-65	-65	-65	-65	-	-	-	-
				C.C.17	39	39	39	39	39	-	-	-	-
				C.C.18	-42	-42	-42	-42	-42	-	-	-	-
				C.C.19	62	62	62	62	62	-	-	-	-
				C.C.20	-66	-66	-66	-66	-66	-	-	-	-
				C.C.21	39	39	39	39	39	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	1	1	1	1	1	-	-	-	-
				C.C.2	-2	-2	-2	-2	-2	-	-	-	-
				C.C.3	4	4	4	4	4	-	-	-	-
				C.C.4	-5	-5	-5	-5	-5	-	-	-	-
				C.C.5	5	5	5	5	5	-	-	-	-
				C.C.6	7	7	7	7	7	-	-	-	-
				C.C.7	73	73	73	73	73	-	-	-	-
				C.C.8	6	6	6	6	6	-	-	-	-
				C.C.9	72	72	72	72	72	-	-	-	-
				C.C.10	-72	-72	-72	-72	-72	-	-	-	-
				C.C.11	-6	-6	-6	-6	-6	-	-	-	-
				C.C.12	-72	-72	-72	-72	-72	-	-	-	-
				C.C.13	-6	-6	-6	-6	-6	-	-	-	-
				C.C.14	-40	-40	-40	-40	-40	-	-	-	-
				C.C.15	65	65	65	65	65	-	-	-	-
				C.C.16	-63	-63	-63	-63	-63	-	-	-	-
				C.C.17	42	42	42	42	42	-	-	-	-
				C.C.18	-41	-41	-41	-41	-41	-	-	-	-
				C.C.19	64	64	64	64	64	-	-	-	-
				C.C.20	-65	-65	-65	-65	-65	-	-	-	-
				C.C.21	40	40	40	40	40	-	-	-	-

#### 4.3.8 Momento Torcente - Combinazioni SLE Caratteristiche.

I prospetti seguenti riportano i valori del momento torcente ( $M_t$ ) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 60.I

Momento Torcente ( $M_t$ ) [daNm] - Combinazioni SLE Caratteristiche													
Asta	Imp.	Fili	L [cm]	Comb.	$M_{t1}$	$M_{t2}$	$M_{t3}$	$M_{t4}$	$M_{t5}$	$M_{t6}$	$M_{t7}$	$M_{t8}$	$M_{t9}$
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	12	12	12	12	12	12	12	12	12
				C.C.2	10	10	10	10	10	10	10	10	10
				C.C.3	7	7	7	7	7	7	7	7	7

				C.C.4	5	5	5	5	5	5	5	5	5
				C.C. U1	12	12	12	12	12	12	12	12	12
				C.C. U2	11	11	11	11	11	11	11	11	11
				C.C. U3	10	10	10	10	10	10	10	10	10
				C.C. U4	11	11	11	11	11	11	11	11	11
				C.C. U5	13	13	13	13	13	13	13	13	13
				C.C. U6	12	12	12	12	12	12	12	12	12
				C.C. U7	12	12	12	12	12	12	12	12	12
				C.C. U8	12	12	12	12	12	12	12	12	12
				C.C. U9	9	9	9	9	9	9	9	9	9
				C.C. U10	8	8	8	8	8	8	8	8	8
				C.C. U11	5	5	5	5	5	5	5	5	5
				C.C. U12	8	8	8	8	8	8	8	8	8
				C.C. U13	17	17	17	17	17	17	17	17	17
				C.C. U14	16	16	16	16	16	16	16	16	16
				C.C. U15	19	19	19	19	19	19	19	19	19
				C.C. U16	17	17	17	17	17	17	17	17	17
				C.C. U17	10	10	10	10	10	10	10	10	10
				C.C. U18	9	9	9	9	9	9	9	9	9
				C.C. U19	9	9	9	9	9	9	9	9	9
				C.C. U20	10	10	10	10	10	10	10	10	10
				C.C. U21	11	11	11	11	11	11	11	11	11
				C.C. U22	10	10	10	10	10	10	10	10	10
				C.C. U23	10	10	10	10	10	10	10	10	10
				C.C. U24	11	11	11	11	11	11	11	11	11
				C.C. U25	7	7	7	7	7	7	7	7	7
				C.C. U26	5	5	5	5	5	5	5	5	5
				C.C. U27	3	3	3	3	3	3	3	3	3
				C.C. U28	7	7	7	7	7	7	7	7	7
				C.C. U29	16	16	16	16	16	16	16	16	16
				C.C. U30	14	14	14	14	14	14	14	14	14
				C.C. U31	18	18	18	18	18	18	18	18	18
				C.C. U32	15	15	15	15	15	15	15	15	15
				C.C. U33	13	13	13	13	13	13	13	13	13
				C.C. U34	12	12	12	12	12	12	12	12	12
				C.C. U35	12	12	12	12	12	12	12	12	12
				C.C. U36	11	11	11	11	11	11	11	11	11
				C.C. U37	9	9	9	9	9	9	9	9	9
				C.C. U38	11	11	11	11	11	11	11	11	11
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	12	12	12	12	12	12	12	12	12
				C.C.3	9	9	9	9	9	9	9	9	9
				C.C.4	9	9	9	9	9	9	9	9	9
				C.C. U1	13	13	13	13	13	13	13	13	13
				C.C. U2	12	12	12	12	12	12	12	12	12
				C.C. U3	13	13	13	13	13	13	13	13	13
				C.C. U4	13	13	13	13	13	13	13	13	13
				C.C. U5	12	12	12	12	12	12	12	12	12
				C.C. U6	11	11	11	11	11	11	11	11	11
				C.C. U7	11	11	11	11	11	11	11	11	11
				C.C. U8	12	12	12	12	12	12	12	12	12
				C.C. U9	12	12	12	12	12	12	12	12	12
				C.C. U10	11	11	11	11	11	11	11	11	11
				C.C. U11	10	10	10	10	10	10	10	10	10
				C.C. U12	11	11	11	11	11	11	11	11	11
				C.C. U13	14	14	14	14	14	14	14	14	14
				C.C. U14	13	13	13	13	13	13	13	13	13
				C.C. U15	13	13	13	13	13	13	13	13	13
				C.C. U16	13	13	13	13	13	13	13	13	13
				C.C. U17	13	13	13	13	13	13	13	13	13
				C.C. U18	12	12	12	12	12	12	12	12	12
				C.C. U19	13	13	13	13	13	13	13	13	13
				C.C. U20	13	13	13	13	13	13	13	13	13
				C.C. U21	12	12	12	12	12	12	12	12	12
				C.C. U22	11	11	11	11	11	11	11	11	11
				C.C. U23	11	11	11	11	11	11	11	11	11
				C.C. U24	12	12	12	12	12	12	12	12	12
				C.C. U25	12	12	12	12	12	12	12	12	12
				C.C. U26	11	11	11	11	11	11	11	11	11
				C.C. U27	10	10	10	10	10	10	10	10	10
				C.C. U28	11	11	11	11	11	11	11	11	11

				C.C. U29	14	14	14	14	14	14	14	14	14
				C.C. U30	13	13	13	13	13	13	13	13	13
				C.C. U31	13	13	13	13	13	13	13	13	13
				C.C. U32	13	13	13	13	13	13	13	13	13
				C.C. U33	13	13	13	13	13	13	13	13	13
				C.C. U34	12	12	12	12	12	12	12	12	12
				C.C. U35	12	12	12	12	12	12	12	12	12
				C.C. U36	13	13	13	13	13	13	13	13	13
				C.C. U37	12	12	12	12	12	12	12	12	12
				C.C. U38	12	12	12	12	12	12	12	12	12
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.2	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.3	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.4	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U1	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U2	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U3	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U4	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U5	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U6	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U7	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U8	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U9	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U10	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U11	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U12	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U13	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U14	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U15	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U16	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U17	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U18	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U19	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U20	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U21	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U22	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U23	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U24	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U25	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U26	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U27	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U28	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U29	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U30	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U31	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U32	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U33	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U34	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U35	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U36	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U37	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U38	-8	-8	-8	-8	-8	-8	-8	-8	-8
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.2	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C.3	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.4	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U1	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U2	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U3	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U4	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U5	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U6	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U7	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U8	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U9	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U10	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U11	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U12	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U13	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U14	-21	-21	-21	-21	-21	-21	-21	-21	-21

				C.C. U15	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U16	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U17	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U18	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U19	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U20	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U21	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U22	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U23	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U24	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U25	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U26	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U27	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U28	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U29	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U30	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U31	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U32	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U33	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U34	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U35	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U36	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U37	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U38	-16	-16	-16	-16	-16	-16	-16	-16	-16
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.2	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.3	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U1	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U2	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U3	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U4	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U5	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U6	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U7	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U8	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U9	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U10	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U11	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U12	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U13	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U14	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U15	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U16	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U17	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U18	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U19	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U20	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U21	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U22	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U23	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U24	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U25	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U26	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U27	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U28	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U29	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U30	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U31	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U32	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U33	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U34	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U35	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U36	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U37	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U38	-25	-25	-25	-25	-25	-25	-25	-25	-25
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.2	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.3	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.4	-19	-19	-19	-19	-19	-19	-19	-19	-19

				C.C. U1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U2	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U3	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U4	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U5	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U6	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U7	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U8	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U9	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U10	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U11	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U12	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U13	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U14	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U15	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U16	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U17	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U18	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U19	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U20	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U21	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U22	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U23	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U24	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U25	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U26	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U27	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U28	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U29	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U30	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U31	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U32	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U33	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U34	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U35	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U36	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U37	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U38	-22	-22	-22	-22	-22	-22	-22	-22	-22
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	25	25	25	25	25	25	25	25	25
				C.C.2	24	24	24	24	24	24	24	24	24
				C.C.3	20	20	20	20	20	20	20	20	20
				C.C.4	18	18	18	18	18	18	18	18	18
				C.C. U1	25	25	25	25	25	25	25	25	25
				C.C. U2	24	24	24	24	24	24	24	24	24
				C.C. U3	23	23	23	23	23	23	23	23	23
				C.C. U4	24	24	24	24	24	24	24	24	24
				C.C. U5	25	25	25	25	25	25	25	25	25
				C.C. U6	23	23	23	23	23	23	23	23	23
				C.C. U7	22	22	22	22	22	22	22	22	22
				C.C. U8	24	24	24	24	24	24	24	24	24
				C.C. U9	25	25	25	25	25	25	25	25	25
				C.C. U10	23	23	23	23	23	23	23	23	23
				C.C. U11	22	22	22	22	22	22	22	22	22
				C.C. U12	23	23	23	23	23	23	23	23	23
				C.C. U13	27	27	27	27	27	27	27	27	27
				C.C. U14	26	26	26	26	26	26	26	26	26
				C.C. U15	26	26	26	26	26	26	26	26	26
				C.C. U16	26	26	26	26	26	26	26	26	26
				C.C. U17	24	24	24	24	24	24	24	24	24
				C.C. U18	22	22	22	22	22	22	22	22	22
				C.C. U19	22	22	22	22	22	22	22	22	22
				C.C. U20	23	23	23	23	23	23	23	23	23
				C.C. U21	24	24	24	24	24	24	24	24	24
				C.C. U22	21	21	21	21	21	21	21	21	21
				C.C. U23	21	21	21	21	21	21	21	21	21
				C.C. U24	22	22	22	22	22	22	22	22	22
				C.C. U25	23	23	23	23	23	23	23	23	23
				C.C. U26	21	21	21	21	21	21	21	21	21
				C.C. U27	21	21	21	21	21	21	21	21	21
				C.C. U28	22	22	22	22	22	22	22	22	22
				C.C. U29	26	26	26	26	26	26	26	26	26

				C.C. U30	24	24	24	24	24	24	24	24	24
				C.C. U31	25	25	25	25	25	25	25	25	25
				C.C. U32	25	25	25	25	25	25	25	25	25
				C.C. U33	26	26	26	26	26	26	26	26	26
				C.C. U34	25	25	25	25	25	25	25	25	25
				C.C. U35	25	25	25	25	25	25	25	25	25
				C.C. U36	25	25	25	25	25	25	25	25	25
				C.C. U37	23	23	23	23	23	23	23	23	23
				C.C. U38	24	24	24	24	24	24	24	24	24
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	19	19	19	19	19	19	19	19	19
				C.C.2	19	19	19	19	19	19	19	19	19
				C.C.3	15	15	15	15	15	15	15	15	15
				C.C.4	16	16	16	16	16	16	16	16	16
				C.C. U1	18	18	18	18	18	18	18	18	18
				C.C. U2	16	16	16	16	16	16	16	16	16
				C.C. U3	16	16	16	16	16	16	16	16	16
				C.C. U4	17	17	17	17	17	17	17	17	17
				C.C. U5	20	20	20	20	20	20	20	20	20
				C.C. U6	19	19	19	19	19	19	19	19	19
				C.C. U7	20	20	20	20	20	20	20	20	20
				C.C. U8	19	19	19	19	19	19	19	19	19
				C.C. U9	17	17	17	17	17	17	17	17	17
				C.C. U10	16	16	16	16	16	16	16	16	16
				C.C. U11	15	15	15	15	15	15	15	15	15
				C.C. U12	16	16	16	16	16	16	16	16	16
				C.C. U13	20	20	20	20	20	20	20	20	20
				C.C. U14	18	18	18	18	18	18	18	18	18
				C.C. U15	19	19	19	19	19	19	19	19	19
				C.C. U16	19	19	19	19	19	19	19	19	19
				C.C. U17	19	19	19	19	19	19	19	19	19
				C.C. U18	18	18	18	18	18	18	18	18	18
				C.C. U19	17	17	17	17	17	17	17	17	17
				C.C. U20	17	17	17	17	17	17	17	17	17
				C.C. U21	21	21	21	21	21	21	21	21	21
				C.C. U22	20	20	20	20	20	20	20	20	20
				C.C. U23	20	20	20	20	20	20	20	20	20
				C.C. U24	20	20	20	20	20	20	20	20	20
				C.C. U25	18	18	18	18	18	18	18	18	18
				C.C. U26	17	17	17	17	17	17	17	17	17
				C.C. U27	16	16	16	16	16	16	16	16	16
				C.C. U28	17	17	17	17	17	17	17	17	17
				C.C. U29	21	21	20	20	20	20	20	20	20
				C.C. U30	20	20	20	20	20	20	20	20	20
				C.C. U31	20	20	20	20	20	20	20	20	20
				C.C. U32	19	19	19	19	19	19	19	19	19
				C.C. U33	19	19	19	19	19	19	19	19	19
				C.C. U34	17	17	17	17	17	17	17	17	17
				C.C. U35	18	18	18	18	18	18	18	18	18
				C.C. U36	20	20	20	20	20	20	20	20	20
				C.C. U37	19	19	19	19	19	19	19	19	19
				C.C. U38	18	18	18	18	18	18	18	18	18
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	20	20	20	20	20	20	20	20	20
				C.C.2	19	19	19	19	19	19	19	19	19
				C.C.3	13	13	13	13	13	13	13	13	13
				C.C.4	12	12	12	12	12	12	12	12	12
				C.C. U1	21	21	21	21	21	21	21	21	21
				C.C. U2	19	19	19	19	19	19	19	19	19
				C.C. U3	19	19	19	19	19	19	19	19	19
				C.C. U4	19	19	19	19	19	19	19	19	19
				C.C. U5	19	19	19	19	19	19	19	19	19
				C.C. U6	17	17	17	17	17	17	17	17	17
				C.C. U7	16	16	16	16	16	16	16	16	16
				C.C. U8	17	17	17	17	17	17	17	17	17
				C.C. U9	23	23	23	23	23	23	23	23	23
				C.C. U10	21	21	21	21	21	21	21	21	21
				C.C. U11	22	22	22	22	22	22	22	22	22
				C.C. U12	21	21	21	21	21	21	21	21	21
				C.C. U13	18	18	18	18	18	18	18	18	18
				C.C. U14	17	17	17	17	17	17	17	17	17
				C.C. U15	15	15	15	15	15	15	15	15	15

				C.C. U16	16	16	16	16	16	16	16	16	16
				C.C. U17	20	20	20	20	20	20	20	20	20
				C.C. U18	17	17	17	17	17	17	17	17	17
				C.C. U19	18	18	18	18	18	18	18	18	18
				C.C. U20	18	18	18	18	18	18	18	18	18
				C.C. U21	18	18	18	18	18	18	18	18	18
				C.C. U22	15	15	15	15	15	15	15	15	15
				C.C. U23	15	15	15	15	15	15	15	15	15
				C.C. U24	16	16	16	16	16	16	16	16	16
				C.C. U25	21	21	21	21	21	21	21	21	21
				C.C. U26	19	19	19	19	19	19	19	19	19
				C.C. U27	21	21	21	21	21	21	21	21	21
				C.C. U28	20	20	20	20	20	20	20	20	20
				C.C. U29	17	17	17	17	17	17	17	17	17
				C.C. U30	15	15	15	15	15	15	15	15	15
				C.C. U31	14	14	14	14	14	14	14	14	14
				C.C. U32	15	15	15	15	15	15	15	15	15
				C.C. U33	20	20	20	20	20	20	20	20	20
				C.C. U34	18	18	18	18	18	18	18	18	18
				C.C. U35	18	18	18	18	18	18	18	18	18
				C.C. U36	19	19	19	19	19	19	19	19	19
				C.C. U37	17	17	17	17	17	17	17	17	17
				C.C. U38	17	17	17	17	17	17	17	17	17
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.2	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C.3	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.4	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U2	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U3	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U4	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U5	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U6	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U7	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U8	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U9	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U10	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U11	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U12	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U13	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U14	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U15	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U16	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U17	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U18	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U19	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U20	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U21	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U22	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U23	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U24	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U25	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U26	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U27	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U28	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U29	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U30	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U31	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C. U32	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U33	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U34	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U35	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U36	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U37	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U38	-12	-12	-12	-12	-12	-12	-12	-12	-12
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	29	29	29	29	29	29	29	29	29
				C.C.2	31	31	31	31	31	31	31	31	31
				C.C.3	27	27	27	27	27	27	27	27	27
				C.C.4	30	30	30	30	30	30	30	30	30
				C.C. U1	29	29	29	29	29	29	29	29	29

				C.C. U2	28	28	28	28	28	28	28	28	28
				C.C. U3	28	28	28	28	28	28	28	28	28
				C.C. U4	28	28	28	28	28	28	28	28	28
				C.C. U5	28	28	28	28	28	28	28	28	28
				C.C. U6	28	28	28	28	28	28	28	28	28
				C.C. U7	28	28	28	28	28	28	28	28	28
				C.C. U8	28	28	28	28	28	28	28	28	28
				C.C. U9	24	24	24	24	24	24	24	24	24
				C.C. U10	23	23	23	23	23	23	23	23	23
				C.C. U11	20	20	20	20	20	20	20	20	20
				C.C. U12	24	24	24	24	24	24	24	24	24
				C.C. U13	32	32	32	32	32	32	32	32	32
				C.C. U14	32	32	32	32	32	32	32	32	32
				C.C. U15	34	34	34	34	34	34	34	34	34
				C.C. U16	32	32	32	32	32	32	32	32	32
				C.C. U17	30	30	30	30	30	30	30	30	30
				C.C. U18	30	30	30	30	30	30	30	30	30
				C.C. U19	30	30	30	30	30	30	30	30	30
				C.C. U20	30	30	30	30	30	30	30	30	30
				C.C. U21	30	30	30	30	30	30	30	30	30
				C.C. U22	30	30	30	30	30	30	30	30	30
				C.C. U23	29	29	29	29	29	29	29	29	29
				C.C. U24	30	30	30	30	30	30	30	30	30
				C.C. U25	25	25	25	25	25	25	25	25	25
				C.C. U26	26	26	26	26	26	26	26	26	26
				C.C. U27	22	22	22	22	22	22	22	22	22
				C.C. U28	25	25	25	25	25	25	25	25	25
				C.C. U29	34	34	34	34	34	34	34	34	34
				C.C. U30	34	34	34	34	34	34	34	34	34
				C.C. U31	36	36	36	36	36	36	36	36	36
				C.C. U32	34	34	34	34	34	34	34	34	34
				C.C. U33	29	29	29	29	29	29	29	29	29
				C.C. U34	28	28	28	28	28	28	28	28	28
				C.C. U35	29	29	29	29	29	29	29	29	29
				C.C. U36	31	31	31	31	31	31	31	31	31
				C.C. U37	31	31	31	31	31	31	31	31	31
				C.C. U38	31	31	31	31	31	31	31	31	31
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U6	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U7	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U8	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U9	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U10	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U11	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U12	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U13	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U14	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U15	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U16	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U17	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U18	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U19	0	0	0	0	0	0	0	0	0
				C.C. U20	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U21	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U22	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U23	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U24	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U25	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U26	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U27	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U28	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U29	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U30	-2	-2	-2	-2	-2	-2	-2	-2	-2



				C.C. U31	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U32	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U33	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U34	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U35	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U36	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U37	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U38	-2	-2	-2	-2	-2	-2	-2	-2	-2
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.2	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.3	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.4	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U1	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U2	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U3	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U5	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U6	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U7	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U8	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U9	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U10	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U11	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U12	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U13	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U14	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U15	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U16	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U17	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U18	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U19	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U20	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U21	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U22	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U23	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C. U24	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U25	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U26	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U27	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U28	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U29	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U30	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U31	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U32	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U33	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U34	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U35	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U36	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U37	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U38	-24	-24	-24	-24	-24	-24	-24	-24	-24
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-92	-69	-46	-23	0	23	46	69	92
				C.C.2	-92	-69	-46	-23	0	23	46	69	92
				C.C.3	-67	-50	-33	-17	0	17	33	50	67
				C.C.4	-67	-50	-33	-17	0	17	33	50	67
				C.C. U1	-88	-66	-43	-21	1	23	45	67	89
				C.C. U2	-80	-60	-40	-19	1	21	41	61	82
				C.C. U3	-80	-59	-39	-19	1	21	42	62	82
				C.C. U4	-77	-57	-38	-19	1	20	39	59	78
				C.C. U5	-88	-66	-44	-22	0	22	44	66	88
				C.C. U6	-81	-61	-40	-20	0	20	40	61	81
				C.C. U7	-81	-61	-40	-20	0	20	40	61	81
				C.C. U8	-77	-58	-39	-19	0	19	39	58	77
				C.C. U9	-88	-66	-44	-22	0	22	44	66	89
				C.C. U10	-81	-61	-40	-20	0	20	41	61	81
				C.C. U11	-81	-61	-40	-20	0	20	41	61	81
				C.C. U12	-77	-58	-39	-19	0	19	39	58	78
				C.C. U13	-88	-66	-44	-22	0	22	44	66	89
				C.C. U14	-81	-61	-40	-20	0	20	41	61	81
				C.C. U15	-81	-61	-40	-20	0	20	41	61	81

				C.C. U16	-77	-58	-39	-19	0	19	39	58	78
				C.C. U17	-88	-66	-43	-21	1	23	45	67	89
				C.C. U18	-80	-60	-40	-19	1	21	41	61	82
				C.C. U19	-80	-59	-39	-19	1	21	42	62	82
				C.C. U20	-77	-57	-38	-19	1	20	39	59	78
				C.C. U21	-88	-66	-44	-22	0	22	44	66	88
				C.C. U22	-81	-61	-40	-20	0	20	40	61	81
				C.C. U23	-81	-61	-40	-20	0	20	40	61	81
				C.C. U24	-77	-58	-39	-19	0	19	39	58	77
				C.C. U25	-88	-66	-44	-22	0	22	44	66	89
				C.C. U26	-81	-61	-40	-20	0	20	41	61	81
				C.C. U27	-81	-61	-40	-20	0	20	41	61	81
				C.C. U28	-77	-58	-39	-19	0	19	39	58	78
				C.C. U29	-88	-66	-44	-22	0	22	44	66	89
				C.C. U30	-81	-61	-40	-20	0	20	41	61	81
				C.C. U31	-81	-61	-40	-20	0	20	41	61	81
				C.C. U32	-77	-58	-39	-19	0	19	39	58	78
				C.C. U33	-88	-66	-44	-22	0	22	44	66	89
				C.C. U34	-81	-61	-40	-20	0	20	41	61	81
				C.C. U35	-77	-58	-39	-19	0	19	39	58	78
				C.C. U36	-88	-66	-44	-22	0	22	44	66	89
				C.C. U37	-81	-61	-40	-20	0	20	41	61	81
				C.C. U38	-77	-58	-39	-19	0	19	39	58	78
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.00</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	252	217	182	147	112	77	43	8	-27
				C.C.2	253	218	183	149	114	79	44	9	-26
				C.C.3	181	157	133	109	85	61	37	13	-12
				C.C.4	183	159	135	111	87	63	39	15	-9
				C.C. U1	249	216	182	149	116	82	49	15	-18
				C.C. U2	228	197	167	137	107	77	47	16	-14
				C.C. U3	230	199	169	139	109	79	49	18	-12
				C.C. U4	223	194	166	137	108	80	51	22	-6
				C.C. U5	249	215	182	149	115	82	48	15	-18
				C.C. U6	227	197	167	137	107	76	46	16	-14
				C.C. U7	229	199	169	139	108	78	48	18	-12
				C.C. U8	223	194	165	137	108	79	51	22	-7
				C.C. U9	248	215	181	148	114	81	48	14	-19
				C.C. U10	226	196	166	136	106	76	45	15	-15
				C.C. U11	228	197	167	137	107	77	47	16	-14
				C.C. U12	222	193	165	136	107	78	50	21	-8
				C.C. U13	246	212	179	146	112	79	45	12	-21
				C.C. U14	224	194	164	134	104	73	43	13	-17
				C.C. U15	224	194	164	133	103	73	43	13	-17
				C.C. U16	220	191	162	134	105	76	48	19	-10
				C.C. U17	251	217	184	150	117	84	50	17	-17
				C.C. U18	230	200	170	139	109	79	49	19	-11
				C.C. U19	231	201	171	141	110	80	50	20	-10
				C.C. U20	225	196	167	138	110	81	52	24	-5
				C.C. U21	250	217	183	150	117	83	50	16	-17
				C.C. U22	230	199	169	139	109	79	49	18	-12
				C.C. U23	230	200	170	140	110	80	49	19	-11
				C.C. U24	224	196	167	138	109	81	52	23	-5
				C.C. U25	249	216	183	149	116	82	49	16	-18
				C.C. U26	229	199	168	138	108	78	48	18	-13
				C.C. U27	229	199	169	139	108	78	48	18	-12
				C.C. U28	223	195	166	137	109	80	51	23	-6
				C.C. U29	247	214	180	147	114	80	47	13	-20
				C.C. U30	227	196	166	136	106	76	46	15	-15
				C.C. U31	225	195	165	135	105	74	44	14	-16
				C.C. U32	221	192	164	135	106	78	49	20	-8
				C.C. U33	247	213	180	147	113	80	46	13	-20
				C.C. U34	225	195	165	135	105	75	44	14	-16
				C.C. U35	221	192	163	135	106	77	49	20	-9
				C.C. U36	248	215	181	148	115	81	48	14	-19
				C.C. U37	228	197	167	137	107	77	47	16	-14
				C.C. U38	222	194	165	136	107	79	50	21	-7
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	5	10	15	20	25	30	34	39
				C.C.2	0	5	10	15	20	25	30	34	39
				C.C.3	0	4	7	11	14	18	21	25	29
				C.C.4	0	4	7	11	14	18	21	25	29

				C.C. U1	0	5	9	14	19	24	28	33	38
				C.C. U2	0	4	9	13	17	22	26	30	35
				C.C. U3	0	4	9	13	17	22	26	30	35
				C.C. U4	0	4	8	12	17	21	25	29	33
				C.C. U5	0	5	9	14	19	24	28	33	38
				C.C. U6	0	4	9	13	17	22	26	30	35
				C.C. U7	0	4	9	13	17	22	26	30	35
				C.C. U8	0	4	8	12	17	21	25	29	33
				C.C. U9	0	5	9	14	19	24	28	33	38
				C.C. U10	0	4	9	13	17	22	26	30	35
				C.C. U11	0	4	9	13	17	22	26	30	35
				C.C. U12	0	4	8	12	17	21	25	29	33
				C.C. U13	0	5	9	14	19	24	28	33	38
				C.C. U14	0	4	9	13	17	22	26	30	35
				C.C. U15	0	4	9	13	17	22	26	30	35
				C.C. U16	0	4	8	12	17	21	25	29	33
				C.C. U17	0	5	9	14	19	24	28	33	38
				C.C. U18	0	4	9	13	17	22	26	30	35
				C.C. U19	0	4	9	13	17	22	26	30	35
				C.C. U20	0	4	8	12	17	21	25	29	33
				C.C. U21	0	5	9	14	19	24	28	33	38
				C.C. U22	0	4	9	13	17	22	26	30	35
				C.C. U23	0	4	9	13	17	22	26	30	35
				C.C. U24	0	4	8	12	17	21	25	29	33
				C.C. U25	0	5	9	14	19	24	28	33	38
				C.C. U26	0	4	9	13	17	22	26	30	35
				C.C. U27	0	4	9	13	17	22	26	30	35
				C.C. U28	0	4	8	12	17	21	25	29	33
				C.C. U29	0	5	9	14	19	24	28	33	38
				C.C. U30	0	4	9	13	17	22	26	30	35
				C.C. U31	0	4	9	13	17	22	26	30	35
				C.C. U32	0	4	8	12	17	21	25	29	33
				C.C. U33	0	5	9	14	19	24	28	33	38
				C.C. U34	0	4	9	13	17	22	26	30	35
				C.C. U35	0	4	8	12	17	21	25	29	33
				C.C. U36	0	5	9	14	19	24	28	33	38
				C.C. U37	0	4	9	13	17	22	26	30	35
				C.C. U38	0	4	8	12	17	21	25	29	33
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
				C.C. U15	0	0	0	0	0	0	0	0	0
				C.C. U16	0	0	0	0	0	0	0	0	0
				C.C. U17	0	0	0	0	0	0	0	0	0
				C.C. U18	0	0	0	0	0	0	0	0	0
				C.C. U19	0	0	0	0	0	0	0	0	0
				C.C. U20	0	0	0	0	0	0	0	0	0
				C.C. U21	0	0	0	0	0	0	0	0	0
				C.C. U22	0	0	0	0	0	0	0	0	0
				C.C. U23	0	0	0	0	0	0	0	0	0
				C.C. U24	0	0	0	0	0	0	0	0	0
				C.C. U25	0	0	0	0	0	0	0	0	0
				C.C. U26	0	0	0	0	0	0	0	0	0
				C.C. U27	0	0	0	0	0	0	0	0	0
				C.C. U28	0	0	0	0	0	0	0	0	0
				C.C. U29	0	0	0	0	0	0	0	0	0

				C.C. U30	0	0	0	0	0	0	0	0	0
				C.C. U31	0	0	0	0	0	0	0	0	0
				C.C. U32	0	0	0	0	0	0	0	0	0
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-251	-216	-181	-146	-111	-77	-42	-7	28
				C.C.2	-252	-217	-182	-148	-113	-78	-43	-8	27
				C.C.3	-180	-156	-132	-108	-84	-60	-36	-12	12
				C.C.4	-183	-159	-134	-110	-86	-62	-38	-14	10
				C.C. U1	-245	-211	-178	-144	-111	-78	-44	-11	23
				C.C. U2	-223	-193	-163	-133	-103	-72	-42	-12	18
				C.C. U3	-223	-193	-163	-132	-102	-72	-42	-12	18
				C.C. U4	-219	-190	-161	-133	-104	-75	-47	-18	11
				C.C. U5	-240	-207	-173	-140	-107	-73	-40	-6	27
				C.C. U6	-219	-189	-158	-128	-98	-68	-38	-8	23
				C.C. U7	-215	-185	-155	-125	-95	-65	-34	-4	26
				C.C. U8	-214	-186	-157	-128	-100	-71	-42	-13	15
				C.C. U9	-247	-214	-180	-147	-113	-80	-47	-13	20
				C.C. U10	-226	-195	-165	-135	-105	-75	-45	-14	16
				C.C. U11	-227	-197	-166	-136	-106	-76	-46	-16	15
				C.C. U12	-221	-192	-164	-135	-106	-78	-49	-20	8
				C.C. U13	-245	-211	-178	-145	-111	-78	-44	-11	22
				C.C. U14	-223	-193	-163	-133	-103	-73	-42	-12	18
				C.C. U15	-223	-193	-163	-133	-102	-72	-42	-12	18
				C.C. U16	-219	-190	-161	-133	-104	-75	-47	-18	11
				C.C. U17	-246	-213	-179	-146	-112	-79	-46	-12	21
				C.C. U18	-225	-195	-165	-135	-105	-75	-45	-14	16
				C.C. U19	-224	-194	-164	-134	-104	-73	-43	-13	17
				C.C. U20	-220	-191	-163	-134	-105	-77	-48	-19	9
				C.C. U21	-242	-208	-175	-141	-108	-75	-41	-8	26
				C.C. U22	-221	-191	-161	-131	-100	-70	-40	-10	20
				C.C. U23	-217	-187	-157	-126	-96	-66	-36	-6	24
				C.C. U24	-216	-187	-158	-130	-101	-72	-44	-15	14
				C.C. U25	-248	-215	-182	-148	-115	-81	-48	-15	19
				C.C. U26	-228	-198	-167	-137	-107	-77	-47	-17	13
				C.C. U27	-228	-198	-168	-138	-107	-77	-47	-17	13
				C.C. U28	-222	-194	-165	-136	-108	-79	-50	-22	7
				C.C. U29	-246	-213	-179	-146	-113	-79	-46	-12	21
				C.C. U30	-226	-195	-165	-135	-105	-75	-45	-14	16
				C.C. U31	-224	-194	-164	-134	-104	-74	-43	-13	17
				C.C. U32	-220	-192	-163	-134	-105	-77	-48	-19	9
				C.C. U33	-246	-213	-179	-146	-112	-79	-46	-12	21
				C.C. U34	-224	-194	-164	-134	-104	-74	-43	-13	17
				C.C. U35	-220	-191	-163	-134	-105	-77	-48	-19	10
				C.C. U36	-247	-214	-180	-147	-114	-80	-47	-13	20
				C.C. U37	-227	-197	-166	-136	-106	-76	-46	-16	15
				C.C. U38	-221	-193	-164	-135	-107	-78	-49	-20	8
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-39	-34	-30	-25	-20	-15	-10	-5	0
				C.C.2	-39	-34	-30	-25	-20	-15	-10	-5	0
				C.C.3	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.4	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C. U1	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U2	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U3	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U4	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U5	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U6	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U7	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U8	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U9	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U10	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U11	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U12	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U13	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U14	-35	-30	-26	-22	-17	-13	-9	-4	0

				C.C. U15	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U16	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U17	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U18	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U19	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U20	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U21	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U22	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U23	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U24	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U25	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U26	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U27	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U28	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U29	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U30	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U31	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U32	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U33	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U34	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U35	-33	-29	-25	-21	-17	-12	-8	-4	0
				C.C. U36	-38	-33	-28	-24	-19	-14	-9	-5	0
				C.C. U37	-35	-30	-26	-22	-17	-13	-9	-4	0
				C.C. U38	-33	-29	-25	-21	-17	-12	-8	-4	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
				C.C. U15	0	0	0	0	0	0	0	0	0
				C.C. U16	0	0	0	0	0	0	0	0	0
				C.C. U17	0	0	0	0	0	0	0	0	0
				C.C. U18	0	0	0	0	0	0	0	0	0
				C.C. U19	0	0	0	0	0	0	0	0	0
				C.C. U20	0	0	0	0	0	0	0	0	0
				C.C. U21	0	0	0	0	0	0	0	0	0
				C.C. U22	0	0	0	0	0	0	0	0	0
				C.C. U23	0	0	0	0	0	0	0	0	0
				C.C. U24	0	0	0	0	0	0	0	0	0
				C.C. U25	0	0	0	0	0	0	0	0	0
				C.C. U26	0	0	0	0	0	0	0	0	0
				C.C. U27	0	0	0	0	0	0	0	0	0
				C.C. U28	0	0	0	0	0	0	0	0	0
				C.C. U29	0	0	0	0	0	0	0	0	0
				C.C. U30	0	0	0	0	0	0	0	0	0
				C.C. U31	0	0	0	0	0	0	0	0	0
				C.C. U32	0	0	0	0	0	0	0	0	0
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-11	-29	-48	-66	-84	-103	-121	-140	-158
				C.C.2	-11	-30	-48	-66	-85	-103	-122	-140	-159
				C.C.3	-4	-17	-29	-42	-55	-67	-80	-93	-106
				C.C.4	-5	-17	-30	-43	-55	-68	-81	-94	-106

				C.C. U1	-10	-28	-45	-63	-81	-98	-116	-133	-151
				C.C. U2	-8	-24	-40	-56	-72	-87	-103	-119	-135
				C.C. U3	-6	-22	-38	-54	-70	-86	-102	-118	-133
				C.C. U4	-10	-25	-40	-55	-71	-86	-101	-116	-131
				C.C. U5	-9	-27	-44	-62	-79	-97	-115	-132	-150
				C.C. U6	-7	-23	-39	-55	-70	-86	-102	-118	-134
				C.C. U7	-4	-20	-36	-52	-68	-84	-100	-116	-132
				C.C. U8	-9	-24	-39	-54	-70	-85	-100	-115	-130
				C.C. U9	-9	-27	-44	-62	-80	-97	-115	-133	-150
				C.C. U10	-7	-23	-39	-55	-71	-87	-102	-118	-134
				C.C. U11	-5	-20	-36	-52	-68	-84	-100	-116	-132
				C.C. U12	-9	-24	-39	-55	-70	-85	-100	-115	-130
				C.C. U13	-16	-34	-52	-69	-87	-104	-122	-140	-157
				C.C. U14	-14	-30	-46	-62	-78	-94	-110	-126	-142
				C.C. U15	-16	-32	-48	-64	-80	-96	-112	-128	-144
				C.C. U16	-16	-31	-47	-62	-77	-92	-107	-122	-137
				C.C. U17	-10	-28	-46	-63	-81	-99	-116	-134	-152
				C.C. U18	-8	-24	-40	-56	-72	-88	-104	-120	-136
				C.C. U19	-6	-22	-38	-54	-70	-86	-102	-118	-134
				C.C. U20	-10	-26	-41	-56	-71	-86	-101	-116	-132
				C.C. U21	-9	-27	-45	-62	-80	-98	-115	-133	-150
				C.C. U22	-7	-23	-39	-55	-71	-87	-103	-119	-135
				C.C. U23	-5	-21	-37	-52	-68	-84	-100	-116	-132
				C.C. U24	-9	-24	-40	-55	-70	-85	-100	-115	-131
				C.C. U25	-10	-27	-45	-62	-80	-98	-115	-133	-151
				C.C. U26	-8	-24	-39	-55	-71	-87	-103	-119	-135
				C.C. U27	-5	-21	-37	-53	-69	-85	-101	-116	-132
				C.C. U28	-9	-25	-40	-55	-70	-85	-100	-116	-131
				C.C. U29	-17	-34	-52	-70	-87	-105	-123	-140	-158
				C.C. U30	-15	-31	-47	-63	-78	-94	-110	-126	-142
				C.C. U31	-17	-33	-49	-65	-81	-97	-112	-128	-144
				C.C. U32	-17	-32	-47	-62	-77	-92	-108	-123	-138
				C.C. U33	-13	-30	-48	-66	-83	-101	-119	-136	-154
				C.C. U34	-11	-27	-43	-58	-74	-90	-106	-122	-138
				C.C. U35	-13	-28	-43	-58	-73	-89	-104	-119	-134
				C.C. U36	-13	-31	-49	-66	-84	-101	-119	-137	-154
				C.C. U37	-11	-27	-43	-59	-75	-91	-107	-123	-139
				C.C. U38	-13	-28	-44	-59	-74	-89	-104	-119	-134
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	11	29	48	66	84	103	121	140	158
				C.C.2	11	30	48	66	85	103	122	140	158
				C.C.3	4	17	29	42	55	67	80	93	106
				C.C.4	4	17	30	43	55	68	81	93	106
				C.C. U1	12	30	47	65	83	100	118	136	153
				C.C. U2	10	26	42	58	74	90	106	121	137
				C.C. U3	10	26	42	58	73	89	105	121	137
				C.C. U4	12	27	42	58	73	88	103	118	133
				C.C. U5	9	27	45	62	80	97	115	133	150
				C.C. U6	7	23	39	55	71	87	103	119	135
				C.C. U7	5	21	37	53	69	85	101	116	132
				C.C. U8	9	24	40	55	70	85	100	115	131
				C.C. U9	9	27	44	62	80	97	115	132	150
				C.C. U10	7	23	39	55	71	86	102	118	134
				C.C. U11	4	20	36	52	68	84	100	116	132
				C.C. U12	9	24	39	54	70	85	100	115	130
				C.C. U13	16	34	51	69	87	104	122	140	157
				C.C. U14	14	30	46	62	78	94	110	125	141
				C.C. U15	16	32	48	64	80	96	112	128	144
				C.C. U16	16	31	46	62	77	92	107	122	137
				C.C. U17	13	30	48	65	83	101	118	136	154
				C.C. U18	11	27	43	58	74	90	106	122	138
				C.C. U19	10	26	42	58	74	90	106	122	138
				C.C. U20	13	28	43	58	73	88	103	119	134
				C.C. U21	10	27	45	63	80	98	116	133	151
				C.C. U22	8	24	40	56	72	87	103	119	135
				C.C. U23	5	21	37	53	69	85	101	117	133
				C.C. U24	10	25	40	55	70	85	101	116	131
				C.C. U25	9	27	45	62	80	98	115	133	151
				C.C. U26	7	23	39	55	71	87	103	119	135
				C.C. U27	5	21	37	53	69	85	100	116	132
				C.C. U28	9	25	40	55	70	85	100	115	131
				C.C. U29	16	34	52	69	87	105	122	140	158

				C.C. U30	15	31	46	62	78	94	110	126	142
				C.C. U31	17	33	49	64	80	96	112	128	144
				C.C. U32	16	32	47	62	77	92	107	123	138
				C.C. U33	13	30	48	66	83	101	119	136	154
				C.C. U34	11	26	42	58	74	90	106	122	138
				C.C. U35	13	28	43	58	73	88	104	119	134
				C.C. U36	13	31	48	66	84	101	119	137	154
				C.C. U37	11	27	43	59	75	91	107	123	139
				C.C. U38	13	28	43	59	74	89	104	119	134
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	757	568	379	189	0	-189	-378	-567	-756
				C.C.2	757	568	379	189	0	-189	-378	-567	-756
				C.C.3	510	382	255	128	0	-127	-254	-382	-509
				C.C.4	510	382	255	128	0	-127	-254	-382	-509
				C.C. U1	725	544	363	183	2	-178	-359	-540	-720
				C.C. U2	651	488	326	164	2	-160	-322	-484	-646
				C.C. U3	652	490	327	165	3	-159	-321	-483	-645
				C.C. U4	617	463	310	156	2	-152	-305	-459	-613
				C.C. U5	721	541	360	180	-1	-182	-362	-543	-724
				C.C. U6	647	485	323	161	-1	-163	-325	-487	-649
				C.C. U7	646	484	322	160	-2	-164	-326	-488	-650
				C.C. U8	614	460	306	153	-1	-155	-308	-462	-616
				C.C. U9	723	542	362	181	0	-180	-361	-541	-722
				C.C. U10	649	487	325	163	0	-162	-324	-486	-648
				C.C. U11	649	487	325	163	0	-162	-324	-486	-648
				C.C. U12	615	462	308	154	0	-153	-307	-461	-614
				C.C. U13	723	542	362	181	0	-180	-361	-541	-722
				C.C. U14	649	487	325	163	0	-162	-324	-486	-648
				C.C. U15	649	487	325	163	0	-162	-324	-486	-648
				C.C. U16	615	462	308	154	0	-153	-307	-461	-614
				C.C. U17	725	544	363	183	2	-178	-359	-540	-720
				C.C. U18	651	488	326	164	2	-160	-322	-484	-646
				C.C. U19	652	490	327	165	3	-159	-321	-483	-645
				C.C. U20	617	463	310	156	2	-152	-305	-459	-613
				C.C. U21	721	541	360	180	-1	-182	-362	-543	-724
				C.C. U22	647	485	323	161	-1	-163	-325	-487	-649
				C.C. U23	646	484	322	160	-2	-164	-326	-488	-650
				C.C. U24	614	460	306	153	-1	-155	-308	-462	-616
				C.C. U25	723	542	362	181	0	-180	-361	-541	-722
				C.C. U26	649	487	325	163	0	-162	-324	-486	-648
				C.C. U27	649	487	325	163	0	-162	-324	-486	-648
				C.C. U28	615	462	308	154	0	-153	-307	-461	-614
				C.C. U29	723	542	362	181	0	-180	-361	-541	-722
				C.C. U30	649	487	325	163	0	-162	-324	-486	-648
				C.C. U31	649	487	325	163	0	-162	-324	-486	-648
				C.C. U32	615	462	308	154	0	-153	-307	-461	-614
				C.C. U33	723	542	362	181	0	-180	-361	-541	-722
				C.C. U34	649	487	325	163	0	-162	-324	-486	-648
				C.C. U35	615	462	308	154	0	-153	-307	-461	-614
				C.C. U36	723	542	362	181	0	-180	-361	-541	-722
				C.C. U37	649	487	325	163	0	-162	-324	-486	-648
				C.C. U38	615	462	308	154	0	-153	-307	-461	-614
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-55	-110	-165	-220	-275	-330	-385	-440
				C.C.2	0	-55	-110	-165	-220	-275	-330	-385	-440
				C.C.3	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.4	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C. U1	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U2	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U3	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U4	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U5	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U6	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U7	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U8	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U9	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U10	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U11	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U12	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U13	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U14	0	-47	-94	-142	-189	-236	-283	-330	-378

				C.C. U15	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U16	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U17	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U18	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U19	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U20	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U21	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U22	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U23	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U24	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U25	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U26	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U27	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U28	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U29	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U30	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U31	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U32	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U33	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U34	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U35	0	-45	-90	-134	-179	-224	-269	-313	-358
				C.C. U36	0	-53	-105	-158	-210	-263	-316	-368	-421
				C.C. U37	0	-47	-94	-142	-189	-236	-283	-330	-378
				C.C. U38	0	-45	-90	-134	-179	-224	-269	-313	-358
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	440	385	330	275	220	165	110	55	0
				C.C.2	440	385	330	275	220	165	110	55	0
				C.C.3	297	260	222	185	148	111	74	37	0
				C.C.4	297	260	222	185	148	111	74	37	0
				C.C. U1	421	368	316	263	210	158	105	53	0
				C.C. U2	378	330	283	236	189	142	94	47	0
				C.C. U3	378	330	283	236	189	142	94	47	0
				C.C. U4	358	313	269	224	179	134	90	45	0
				C.C. U5	421	368	316	263	210	158	105	53	0
				C.C. U6	378	330	283	236	189	142	94	47	0
				C.C. U7	378	330	283	236	189	142	94	47	0
				C.C. U8	358	313	269	224	179	134	90	45	0
				C.C. U9	421	368	316	263	210	158	105	53	0
				C.C. U10	378	330	283	236	189	142	94	47	0
				C.C. U11	378	330	283	236	189	142	94	47	0
				C.C. U12	358	313	269	224	179	134	90	45	0
				C.C. U13	421	368	316	263	210	158	105	53	0
				C.C. U14	378	330	283	236	189	142	94	47	0
				C.C. U15	378	330	283	236	189	142	94	47	0
				C.C. U16	358	313	269	224	179	134	90	45	0
				C.C. U17	421	368	316	263	210	158	105	53	0
				C.C. U18	378	330	283	236	189	142	94	47	0
				C.C. U19	378	330	283	236	189	142	94	47	0
				C.C. U20	358	313	269	224	179	134	90	45	0
				C.C. U21	421	368	316	263	210	158	105	53	0
				C.C. U22	378	330	283	236	189	142	94	47	0
				C.C. U23	378	330	283	236	189	142	94	47	0
				C.C. U24	358	313	269	224	179	134	90	45	0
				C.C. U25	421	368	316	263	210	158	105	53	0
				C.C. U26	378	330	283	236	189	142	94	47	0
				C.C. U27	378	330	283	236	189	142	94	47	0
				C.C. U28	358	313	269	224	179	134	90	45	0
				C.C. U29	421	368	316	263	210	158	105	53	0
				C.C. U30	378	330	283	236	189	142	94	47	0
				C.C. U31	378	330	283	236	189	142	94	47	0
				C.C. U32	358	313	269	224	179	134	90	45	0
				C.C. U33	421	368	316	263	210	158	105	53	0
				C.C. U34	378	330	283	236	189	142	94	47	0
				C.C. U35	358	313	269	224	179	134	90	45	0
				C.C. U36	421	368	316	263	210	158	105	53	0
				C.C. U37	378	330	283	236	189	142	94	47	0
				C.C. U38	358	313	269	224	179	134	90	45	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	1	1	1	1	1	-	-	-	-
				C.C.2	-1	-1	-1	-1	-1	-	-	-	-
				C.C.3	2	2	2	2	2	-	-	-	-



				C.C.4	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U1	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U2	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U3	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U4	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U5	1	1	1	1	1	-	-	-	-
				C.C. U6	2	2	2	2	2	-	-	-	-
				C.C. U7	2	2	2	2	2	-	-	-	-
				C.C. U8	1	1	1	1	1	-	-	-	-
				C.C. U9	1	1	1	1	1	-	-	-	-
				C.C. U10	2	2	2	2	2	-	-	-	-
				C.C. U11	1	1	1	1	1	-	-	-	-
				C.C. U12	1	1	1	1	1	-	-	-	-
				C.C. U13	1	1	1	1	1	-	-	-	-
				C.C. U14	2	2	2	2	2	-	-	-	-
				C.C. U15	1	1	1	1	1	-	-	-	-
				C.C. U16	1	1	1	1	1	-	-	-	-
				C.C. U17	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U18	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U19	-8	-8	-8	-8	-8	-	-	-	-
				C.C. U20	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U21	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U22	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U23	0	0	0	0	0	-	-	-	-
				C.C. U24	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U25	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U26	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U27	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U28	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U29	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U30	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U31	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U32	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U33	1	1	1	1	1	-	-	-	-
				C.C. U34	2	2	2	2	2	-	-	-	-
				C.C. U35	1	1	1	1	1	-	-	-	-
				C.C. U36	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U37	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U38	-1	-1	-1	-1	-1	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2	-2	-2	-2	-2	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	-2	-2	-2	-2	-2	-	-	-	-
				C.C.4	1	1	1	1	1	-	-	-	-
				C.C. U1	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U2	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U3	-8	-8	-8	-8	-8	-	-	-	-
				C.C. U4	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U5	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U6	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U7	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U8	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U9	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U10	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U11	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U12	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U13	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U14	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U15	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U16	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U17	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U18	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U19	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U20	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U21	1	1	1	1	1	-	-	-	-
				C.C. U22	2	2	2	2	2	-	-	-	-
				C.C. U23	1	1	1	1	1	-	-	-	-
				C.C. U24	1	1	1	1	1	-	-	-	-
				C.C. U25	0	0	0	0	0	-	-	-	-
				C.C. U26	1	1	1	1	1	-	-	-	-
				C.C. U27	1	1	1	1	1	-	-	-	-

				C.C. U28	0	0	0	0	0	-	-	-	-
				C.C. U29	0	0	0	0	0	-	-	-	-
				C.C. U30	1	1	1	1	1	-	-	-	-
				C.C. U31	0	0	0	0	0	-	-	-	-
				C.C. U32	0	0	0	0	0	-	-	-	-
				C.C. U33	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U34	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U35	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U36	0	0	0	0	0	-	-	-	-
				C.C. U37	1	1	1	1	1	-	-	-	-
				C.C. U38	0	0	0	0	0	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	2	2	2	2	2	-	-	-	-
				C.C.3	-2	-2	-2	-2	-2	-	-	-	-
				C.C.4	3	3	3	3	3	-	-	-	-
				C.C. U1	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U2	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U3	-8	-8	-8	-8	-8	-	-	-	-
				C.C. U4	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U5	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U6	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U7	0	0	0	0	0	-	-	-	-
				C.C. U8	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U9	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U10	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U11	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U12	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U13	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U14	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U15	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U16	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U17	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U18	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U19	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U20	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U21	2	2	2	2	2	-	-	-	-
				C.C. U22	3	3	3	3	3	-	-	-	-
				C.C. U23	2	2	2	2	2	-	-	-	-
				C.C. U24	2	2	2	2	2	-	-	-	-
				C.C. U25	2	2	2	2	2	-	-	-	-
				C.C. U26	3	3	3	3	3	-	-	-	-
				C.C. U27	2	2	2	2	2	-	-	-	-
				C.C. U28	2	2	2	2	2	-	-	-	-
				C.C. U29	2	2	2	2	2	-	-	-	-
				C.C. U30	3	3	3	3	3	-	-	-	-
				C.C. U31	2	2	2	2	2	-	-	-	-
				C.C. U32	2	2	2	2	2	-	-	-	-
				C.C. U33	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U34	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U35	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U36	2	2	2	2	2	-	-	-	-
				C.C. U37	3	3	3	3	3	-	-	-	-
				C.C. U38	2	2	2	2	2	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	1	1	1	1	1	-	-	-	-
				C.C.2	-2	-2	-2	-2	-2	-	-	-	-
				C.C.3	2	2	2	2	2	-	-	-	-
				C.C.4	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U1	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U2	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U3	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U4	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U5	1	1	1	1	1	-	-	-	-
				C.C. U6	2	2	2	2	2	-	-	-	-
				C.C. U7	1	1	1	1	1	-	-	-	-
				C.C. U8	1	1	1	1	1	-	-	-	-
				C.C. U9	1	1	1	1	1	-	-	-	-
				C.C. U10	2	2	2	2	2	-	-	-	-
				C.C. U11	1	1	1	1	1	-	-	-	-

				C.C. U12	1	1	1	1	1	-	-	-	-
				C.C. U13	1	1	1	1	1	-	-	-	-
				C.C. U14	2	2	2	2	2	-	-	-	-
				C.C. U15	1	1	1	1	1	-	-	-	-
				C.C. U16	1	1	1	1	1	-	-	-	-
				C.C. U17	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U18	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U19	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U20	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U21	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U22	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U23	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U24	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U25	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U26	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U27	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U28	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U29	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U30	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U31	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U32	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U33	1	1	1	1	1	-	-	-	-
				C.C. U34	2	2	2	2	2	-	-	-	-
				C.C. U35	1	1	1	1	1	-	-	-	-
				C.C. U36	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U37	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U38	-2	-2	-2	-2	-2	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	2	2	2	2	2	-	-	-	-
				C.C.2	-7	-7	-7	-7	-7	-	-	-	-
				C.C.3	6	6	6	6	6	-	-	-	-
				C.C.4	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U1	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U2	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U3	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U4	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U5	3	3	3	3	3	-	-	-	-
				C.C. U6	7	7	7	7	7	-	-	-	-
				C.C. U7	4	4	4	4	4	-	-	-	-
				C.C. U8	3	3	3	3	3	-	-	-	-
				C.C. U9	2	2	2	2	2	-	-	-	-
				C.C. U10	6	6	6	6	6	-	-	-	-
				C.C. U11	3	3	3	3	3	-	-	-	-
				C.C. U12	3	3	3	3	3	-	-	-	-
				C.C. U13	2	2	2	2	2	-	-	-	-
				C.C. U14	6	6	6	6	6	-	-	-	-
				C.C. U15	3	3	3	3	3	-	-	-	-
				C.C. U16	3	3	3	3	3	-	-	-	-
				C.C. U17	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U18	-18	-18	-18	-18	-18	-	-	-	-
				C.C. U19	-21	-21	-21	-21	-21	-	-	-	-
				C.C. U20	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U21	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U22	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U23	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U24	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U25	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U26	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U27	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U28	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U29	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U30	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U31	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U32	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U33	2	2	2	2	2	-	-	-	-
				C.C. U34	6	6	6	6	6	-	-	-	-
				C.C. U35	3	3	3	3	3	-	-	-	-
				C.C. U36	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U37	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U38	-6	-6	-6	-6	-6	-	-	-	-
31	piano 1	6	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-4	-4	-4	-4	-4	-	-	-	-
				C.C.2	5	5	5	5	5	-	-	-	-
				C.C.3	-7	-7	-7	-7	-7	-	-	-	-
				C.C.4	8	8	8	8	8	-	-	-	-
				C.C. U1	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U2	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U3	-18	-18	-18	-18	-18	-	-	-	-
				C.C. U4	-13	-13	-13	-13	-13	-	-	-	-
				C.C. U5	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U6	-6	-6	-6	-6	-6	-	-	-	-
				C.C. U7	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U8	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U9	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U10	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U11	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U12	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U13	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U14	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U15	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U16	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U17	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U18	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U19	-9	-9	-9	-9	-9	-	-	-	-
				C.C. U20	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U21	6	6	6	6	6	-	-	-	-
				C.C. U22	9	9	9	9	9	-	-	-	-
				C.C. U23	7	7	7	7	7	-	-	-	-
				C.C. U24	6	6	6	6	6	-	-	-	-
				C.C. U25	5	5	5	5	5	-	-	-	-
				C.C. U26	8	8	8	8	8	-	-	-	-
				C.C. U27	5	5	5	5	5	-	-	-	-
				C.C. U28	5	5	5	5	5	-	-	-	-
				C.C. U29	5	5	5	5	5	-	-	-	-
				C.C. U30	8	8	8	8	8	-	-	-	-
				C.C. U31	5	5	5	5	5	-	-	-	-
				C.C. U32	5	5	5	5	5	-	-	-	-
				C.C. U33	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U34	-7	-7	-7	-7	-7	-	-	-	-
				C.C. U35	-4	-4	-4	-4	-4	-	-	-	-
				C.C. U36	5	5	5	5	5	-	-	-	-
				C.C. U37	8	8	8	8	8	-	-	-	-
				C.C. U38	5	5	5	5	5	-	-	-	-

#### 4.3.9 Momento Torcente - Combinazioni SLE Frequenti.

I prospetti seguenti riportano i valori del momento torcente (Mt) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 61.I

Momento Torcente (Mt) [daNm] - Combinazioni SLE Frequenti													
Asta	Imp.	Fili	L [cm]	Comb.	Mt <sub>1</sub>	Mt <sub>2</sub>	Mt <sub>3</sub>	Mt <sub>4</sub>	Mt <sub>5</sub>	Mt <sub>6</sub>	Mt <sub>7</sub>	Mt <sub>8</sub>	Mt <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	6	6	6	6	6	6	6	6	6
				C.C.2	6	6	6	6	6	6	6	6	6
				C.C.3	7	7	7	7	7	7	7	7	7
				C.C.4	5	5	5	5	5	5	5	5	5
				C.C. U1	7	7	7	7	7	7	7	7	7
				C.C. U2	8	8	8	8	8	8	8	8	8
				C.C. U3	6	6	6	6	6	6	6	6	6
				C.C. U4	9	9	9	9	9	9	9	9	9
				C.C. U5	8	8	8	8	8	8	8	8	8
				C.C. U6	8	8	8	8	8	8	8	8	8
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	9	9	9	9	9	9	9	9	9
				C.C.2	9	9	9	9	9	9	9	9	9
				C.C.3	9	9	9	9	9	9	9	9	9
				C.C.4	9	9	9	9	9	9	9	9	9
				C.C. U1	10	10	10	10	10	10	10	10	10

				C.C. U2	10	10	10	10	10	10	10	10	10
				C.C. U3	10	10	10	10	10	10	10	10	10
				C.C. U4	10	10	10	10	10	10	10	10	10
				C.C. U5	10	10	10	10	10	10	10	10	10
				C.C. U6	10	10	10	10	10	10	10	10	10
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.2	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.3	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.4	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U1	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U2	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U3	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U4	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U5	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U6	-6	-6	-6	-6	-6	-6	-6	-6	-6
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.2	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.3	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.4	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U2	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U3	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U4	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U5	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U6	-13	-13	-13	-13	-13	-13	-13	-13	-13
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.2	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.3	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U1	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U2	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U3	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U4	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U5	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U6	-22	-22	-22	-22	-22	-22	-22	-22	-22
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.2	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.3	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.4	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U1	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U2	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U3	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U4	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U6	-19	-19	-19	-19	-19	-19	-19	-19	-19
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	19	19	19	19	19	19	19	19	19
				C.C.2	19	19	19	19	19	19	19	19	19
				C.C.3	19	19	19	19	19	19	19	19	19
				C.C.4	18	18	18	18	18	18	18	18	18
				C.C. U1	20	20	20	20	20	20	20	20	20
				C.C. U2	20	20	20	20	20	20	20	20	20
				C.C. U3	20	20	20	20	20	20	20	20	20
				C.C. U4	21	21	21	21	21	21	21	21	21
				C.C. U5	21	21	21	21	21	21	21	21	21
				C.C. U6	21	21	21	21	21	21	21	21	21
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	15	15	15	15	15	15	15	15	15
				C.C.2	15	15	15	15	15	15	15	15	15
				C.C.3	15	15	15	15	15	15	15	15	15
				C.C.4	16	16	16	16	16	16	16	16	16
				C.C. U1	16	16	16	16	16	16	16	16	16
				C.C. U2	17	17	17	17	17	17	17	17	17
				C.C. U3	16	16	16	16	16	16	16	16	16
				C.C. U4	17	17	17	17	17	17	17	17	17
				C.C. U5	16	16	16	16	16	16	16	16	16
				C.C. U6	16	16	16	16	16	16	16	16	16
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)

				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
				C.C.3	13	13	13	13	13	13	13	13	13
				C.C.4	12	12	12	12	12	12	12	12	12
				C.C. U1	15	15	15	15	15	15	15	15	15
				C.C. U2	14	14	14	14	14	14	14	14	14
				C.C. U3	15	15	15	15	15	15	15	15	15
				C.C. U4	14	14	14	14	14	14	14	14	14
				C.C. U5	15	15	15	15	15	15	15	15	15
				C.C. U6	15	15	15	15	15	15	15	15	15
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.2	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.3	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.4	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U2	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U3	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U4	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U5	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U6	-11	-11	-11	-11	-11	-11	-11	-11	-11
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	29	29	29	29	29	29	29	29	29
				C.C.2	29	29	29	29	29	29	29	29	29
				C.C.3	28	28	28	28	28	28	28	28	28
				C.C.4	29	29	29	29	29	29	29	29	29
				C.C. U1	29	29	29	29	29	29	29	29	29
				C.C. U2	29	29	29	29	29	29	29	29	29
				C.C. U3	27	27	27	27	27	27	27	27	27
				C.C. U4	30	30	30	30	30	30	30	30	30
				C.C. U5	29	29	29	29	29	29	29	29	29
				C.C. U6	29	29	29	29	29	29	29	29	29
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U5	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U6	-2	-2	-2	-2	-2	-2	-2	-2	-2
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.2	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.3	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.4	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U2	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U3	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U4	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U5	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U6	-23	-23	-23	-23	-23	-23	-23	-23	-23
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-67	-50	-33	-17	0	17	33	50	67
				C.C.2	-67	-50	-33	-17	0	17	33	50	67
				C.C.3	-67	-50	-33	-17	0	17	33	50	67
				C.C.4	-67	-50	-33	-17	0	17	33	50	67
				C.C. U1	-74	-55	-37	-18	0	19	37	56	75
				C.C. U2	-74	-56	-37	-18	0	19	37	56	74
				C.C. U3	-74	-56	-37	-18	0	19	37	56	74
				C.C. U4	-74	-56	-37	-18	0	19	37	56	74
				C.C. U5	-73	-55	-36	-18	0	18	37	55	73
				C.C. U6	-73	-55	-36	-18	0	18	37	55	73
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	182	158	134	110	86	62	38	14	-10
				C.C.2	182	158	134	110	86	62	38	14	-10
				C.C.3	182	158	133	109	85	61	37	13	-11
				C.C.4	183	159	135	111	86	62	38	14	-10

				C.C. U1	204	177	149	122	95	67	40	13	-14
				C.C. U2	204	177	149	122	95	67	40	13	-15
				C.C. U3	204	176	149	122	94	67	40	12	-15
				C.C. U4	203	176	148	121	94	66	39	12	-16
				C.C. U5	201	175	148	121	94	68	41	14	-12
				C.C. U6	201	175	148	121	94	68	41	14	-12
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	4	7	11	14	18	21	25	29
				C.C.2	0	4	7	11	14	18	21	25	29
				C.C.3	0	4	7	11	14	18	21	25	29
				C.C.4	0	4	7	11	14	18	21	25	29
				C.C. U1	0	4	8	12	16	20	24	28	32
				C.C. U2	0	4	8	12	16	20	24	28	32
				C.C. U3	0	4	8	12	16	20	24	28	32
				C.C. U4	0	4	8	12	16	20	24	28	32
				C.C. U5	0	4	8	12	16	20	23	27	31
				C.C. U6	0	4	8	12	16	20	23	27	31
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-181	-157	-133	-109	-85	-61	-37	-13	11
				C.C.2	-181	-157	-133	-109	-85	-61	-37	-13	11
				C.C.3	-181	-157	-133	-109	-85	-61	-36	-12	12
				C.C.4	-182	-158	-134	-110	-86	-62	-38	-14	11
				C.C. U1	-202	-175	-147	-120	-93	-66	-38	-11	16
				C.C. U2	-201	-173	-146	-119	-91	-64	-37	-9	18
				C.C. U3	-203	-176	-148	-121	-94	-66	-39	-12	16
				C.C. U4	-202	-175	-147	-120	-93	-66	-38	-11	16
				C.C. U5	-201	-174	-147	-120	-94	-67	-40	-13	13
				C.C. U6	-201	-174	-147	-120	-94	-67	-40	-13	13
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.2	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.3	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.4	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C. U1	-32	-28	-24	-20	-16	-12	-8	-4	0
				C.C. U2	-32	-28	-24	-20	-16	-12	-8	-4	0
				C.C. U3	-32	-28	-24	-20	-16	-12	-8	-4	0
				C.C. U4	-32	-28	-24	-20	-16	-12	-8	-4	0
				C.C. U5	-31	-27	-23	-20	-16	-12	-8	-4	0
				C.C. U6	-31	-27	-23	-20	-16	-12	-8	-4	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-4	-17	-30	-42	-55	-68	-81	-93	-106
				C.C.2	-4	-17	-30	-42	-55	-68	-81	-93	-106
				C.C.3	-4	-17	-29	-42	-55	-68	-80	-93	-106
				C.C.4	-4	-17	-30	-43	-55	-68	-81	-93	-106
				C.C. U1	-5	-20	-34	-49	-63	-77	-92	-106	-121
				C.C. U2	-5	-19	-34	-48	-63	-77	-92	-106	-120
				C.C. U3	-5	-19	-34	-48	-63	-77	-92	-106	-120
				C.C. U4	-7	-22	-36	-51	-65	-80	-94	-108	-123
				C.C. U5	-7	-21	-35	-49	-64	-78	-92	-106	-120

				C.C. U6	-7	-21	-35	-49	-64	-78	-92	-106	-120
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	4	17	30	42	55	68	80	93	106
				C.C.2	4	17	30	42	55	68	80	93	106
				C.C.3	4	17	29	42	55	68	80	93	106
				C.C.4	4	17	30	42	55	68	81	93	106
				C.C. U1	6	20	35	49	64	78	93	107	121
				C.C. U2	5	19	34	48	63	77	92	106	120
				C.C. U3	5	19	34	48	63	77	91	106	120
				C.C. U4	7	22	36	51	65	79	94	108	123
				C.C. U5	7	21	35	49	63	78	92	106	120
				C.C. U6	7	21	35	49	63	78	92	106	120
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	510	382	255	128	0	-127	-254	-382	-509
				C.C.2	510	382	255	128	0	-127	-254	-382	-509
				C.C.3	510	382	255	128	0	-127	-254	-382	-509
				C.C.4	510	382	255	128	0	-127	-254	-382	-509
				C.C. U1	584	438	293	147	1	-145	-291	-437	-582
				C.C. U2	583	437	292	146	0	-146	-292	-438	-583
				C.C. U3	584	438	292	146	0	-145	-291	-437	-583
				C.C. U4	584	438	292	146	0	-145	-291	-437	-583
				C.C. U5	570	428	285	143	0	-142	-285	-427	-569
				C.C. U6	570	428	285	143	0	-142	-285	-427	-569
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.2	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.3	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.4	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C. U1	0	-42	-85	-127	-170	-212	-255	-297	-340
				C.C. U2	0	-42	-85	-127	-170	-212	-255	-297	-340
				C.C. U3	0	-42	-85	-127	-170	-212	-255	-297	-340
				C.C. U4	0	-42	-85	-127	-170	-212	-255	-297	-340
				C.C. U5	0	-41	-83	-124	-166	-207	-249	-290	-332
				C.C. U6	0	-41	-83	-124	-166	-207	-249	-290	-332
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	297	260	222	185	148	111	74	37	0
				C.C.2	297	260	222	185	148	111	74	37	0
				C.C.3	297	260	222	185	148	111	74	37	0
				C.C.4	297	260	222	185	148	111	74	37	0
				C.C. U1	340	297	255	212	170	127	85	42	0
				C.C. U2	340	297	255	212	170	127	85	42	0
				C.C. U3	340	297	255	212	170	127	85	42	0
				C.C. U4	340	297	255	212	170	127	85	42	0
				C.C. U5	332	290	249	207	166	124	83	41	0
				C.C. U6	332	290	249	207	166	124	83	41	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	1	1	1	1	1	-	-	-	-
				C.C.4	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U1	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U2	0	0	0	0	0	-	-	-	-
				C.C. U3	0	0	0	0	0	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	0	0	0	0	0	-	-	-	-
				C.C. U6	0	0	0	0	0	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	-1	-1	-1	-1	-1	-	-	-	-
				C.C.4	0	0	0	0	0	-	-	-	-
				C.C. U1	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U2	0	0	0	0	0	-	-	-	-
				C.C. U3	0	0	0	0	0	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U6	-1	-1	-1	-1	-1	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-



				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	-1	-1	-1	-1	-1	-	-	-	-
				C.C.4	1	1	1	1	1	-	-	-	-
				C.C. U1	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U2	0	0	0	0	0	-	-	-	-
				C.C. U3	0	0	0	0	0	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	0	0	0	0	0	-	-	-	-
				C.C. U6	0	0	0	0	0	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	-1	-1	-1	-1	-1	-	-	-	-
				C.C.3	1	1	1	1	1	-	-	-	-
				C.C.4	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U1	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U2	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U3	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U4	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U5	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U6	-1	-1	-1	-1	-1	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2	-2	-2	-2	-2	-	-	-	-
				C.C.2	-2	-2	-2	-2	-2	-	-	-	-
				C.C.3	2	2	2	2	2	-	-	-	-
				C.C.4	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U1	-5	-5	-5	-5	-5	-	-	-	-
				C.C. U2	-1	-1	-1	-1	-1	-	-	-	-
				C.C. U3	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U4	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U5	-2	-2	-2	-2	-2	-	-	-	-
				C.C. U6	-2	-2	-2	-2	-2	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
				C.C.3	-4	-4	-4	-4	-4	-	-	-	-
				C.C.4	4	4	4	4	4	-	-	-	-
				C.C. U1	-3	-3	-3	-3	-3	-	-	-	-
				C.C. U2	1	1	1	1	1	-	-	-	-
				C.C. U3	0	0	0	0	0	-	-	-	-
				C.C. U4	0	0	0	0	0	-	-	-	-
				C.C. U5	0	0	0	0	0	-	-	-	-
				C.C. U6	0	0	0	0	0	-	-	-	-

#### 4.3.10 Momento Torcente - Combinazioni SLE Quasi Permanenti.

I prospetti seguenti riportano i valori del momento torcente (Mt) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 62.I

Momento Torcente (Mt) [daNm] - Combinazioni SLE Quasi Permanenti													
Asta	Imp.	Fili	L [cm]	Comb.	Mt <sub>1</sub>	Mt <sub>2</sub>	Mt <sub>3</sub>	Mt <sub>4</sub>	Mt <sub>5</sub>	Mt <sub>6</sub>	Mt <sub>7</sub>	Mt <sub>8</sub>	Mt <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	6	6	6	6	6	6	6	6	6
				C.C.2	6	6	6	6	6	6	6	6	6
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	9	9	9	9	9	9	9	9	9
				C.C.2	9	9	9	9	9	9	9	9	9
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.2	-5	-5	-5	-5	-5	-5	-5	-5	-5
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.2	-11	-11	-11	-11	-11	-11	-11	-11	-11
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.2	-20	-20	-20	-20	-20	-20	-20	-20	-20

6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.2	-18	-18	-18	-18	-18	-18	-18	-18	-18
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	19	19	19	19	19	19	19	19	19
				C.C.2	19	19	19	19	19	19	19	19	19
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	15	15	15	15	15	15	15	15	15
				C.C.2	15	15	15	15	15	15	15	15	15
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	13	13	13	13	13	13	13	13	13
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-9	-9	-9	-9	-9	-9	-9	-9	-9
				C.C.2	-9	-9	-9	-9	-9	-9	-9	-9	-9
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	29	29	29	29	29	29	29	29	29
				C.C.2	29	29	29	29	29	29	29	29	29
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.2	-23	-23	-23	-23	-23	-23	-23	-23	-23
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-67	-50	-33	-17	0	17	33	50	67
				C.C.2	-67	-50	-33	-17	0	17	33	50	67
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	182	158	134	110	86	62	38	14	-10
				C.C.2	182	158	134	110	86	62	38	14	-10
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	4	7	11	14	18	21	25	29
				C.C.2	0	4	7	11	14	18	21	25	29
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-181	-157	-133	-109	-85	-61	-37	-13	11
				C.C.2	-181	-157	-133	-109	-85	-61	-37	-13	11
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-29	-25	-21	-18	-14	-11	-7	-4	0
				C.C.2	-29	-25	-21	-18	-14	-11	-7	-4	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-4	-17	-30	-42	-55	-68	-81	-93	-106
				C.C.2	-4	-17	-30	-42	-55	-68	-81	-93	-106
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	4	17	30	42	55	68	80	93	106
				C.C.2	4	17	30	42	55	68	80	93	106
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	510	382	255	128	0	-127	-254	-382	-509
				C.C.2	510	382	255	128	0	-127	-254	-382	-509
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-37	-74	-111	-148	-185	-222	-260	-297
				C.C.2	0	-37	-74	-111	-148	-185	-222	-260	-297
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	297	260	222	185	148	111	74	37	0
				C.C.2	297	260	222	185	148	111	74	37	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
28	piano 1	3	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-1	-1	-1	-1	-1	-	-	-	-
				C.C.2	-1	-1	-1	-1	-1	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-2	-2	-2	-2	-2	-	-	-	-
				C.C.2	-2	-2	-2	-2	-2	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	0	0	0	0	0	-	-	-	-
				C.C.2	0	0	0	0	0	-	-	-	-

#### 4.3.11 Momento Flettente - Combinazioni SLV.

I prospetti seguenti riportano i valori del momento flettente (Mxz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 63.I

Momento Flettente (Mxz) [daNm] - Combinazioni SLV													
Asta	Imp.	Fili	L [cm]	Comb.	Mxz <sub>1</sub>	Mxz <sub>2</sub>	Mxz <sub>3</sub>	Mxz <sub>4</sub>	Mxz <sub>5</sub>	Mxz <sub>6</sub>	Mxz <sub>7</sub>	Mxz <sub>8</sub>	Mxz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	100	83	63	39	11	-20	-55	-94	-137
				C.C.2	95	79	59	36	9	-21	-56	-94	-137
				C.C.3	105	88	66	42	13	-18	-54	-93	-136
				C.C.4	80	73	60	43	21	-5	-36	-72	-113
				C.C.5	97	87	72	52	28	0	-33	-70	-112
				C.C.6	842	753	659	561	457	349	237	120	-2
				C.C.7	741	664	582	495	403	307	205	99	-12
				C.C.8	884	780	673	564	452	338	221	102	-19
				C.C.9	784	691	596	498	398	295	190	82	-28
				C.C.10	-656	-580	-507	-437	-370	-306	-246	-190	-137
				C.C.11	-756	-668	-584	-502	-424	-349	-278	-210	-146
				C.C.12	-613	-553	-493	-434	-375	-318	-262	-207	-153
				C.C.13	-713	-641	-570	-499	-430	-361	-293	-227	-162
				C.C.14	297	281	258	227	190	146	95	37	-27
				C.C.15	138	141	136	124	105	78	45	5	-42
				C.C.16	-152	-119	-92	-72	-58	-51	-50	-56	-68
				C.C.17	-311	-259	-214	-176	-144	-118	-100	-88	-83
				C.C.18	439	371	303	237	171	107	43	-20	-82
				C.C.19	280	230	181	133	86	39	-7	-52	-97
				C.C.20	-10	-29	-46	-62	-77	-90	-102	-113	-122
				C.C.21	-169	-170	-168	-166	-162	-158	-152	-145	-137
				C.C. U1	104	87	66	41	13	-19	-55	-94	-138
				C.C. U2	100	84	65	41	14	-16	-51	-90	-133
				C.C. U3	105	89	70	47	20	-12	-47	-86	-130
				C.C. U4	74	59	41	20	-5	-34	-66	-102	-142
				C.C. U5	69	56	40	20	-3	-31	-62	-98	-137
				C.C. U6	54	43	29	11	-10	-36	-65	-99	-136
				C.C. U7	95	79	59	36	9	-22	-57	-96	-138
				C.C. U8	90	76	58	36	10	-19	-53	-91	-133
				C.C. U9	89	76	59	38	13	-17	-50	-88	-130
				C.C. U10	102	84	62	37	9	-23	-58	-97	-140
				C.C. U11	97	81	61	38	11	-20	-54	-93	-135
				C.C. U12	101	84	64	41	13	-17	-52	-91	-133
				C.C. U13	99	81	61	37	9	-23	-58	-96	-139
				C.C. U14	94	78	60	37	10	-20	-54	-92	-134
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-201	-189	-184	-184	-191	-205	-225	-251	-284
				C.C.2	-202	-190	-184	-184	-192	-205	-225	-252	-285
				C.C.3	-199	-188	-183	-184	-191	-205	-225	-251	-283
				C.C.4	-169	-150	-139	-136	-141	-153	-173	-201	-237
				C.C.5	-165	-148	-138	-136	-140	-153	-173	-200	-235
				C.C.6	57	61	58	48	32	8	-22	-59	-102
				C.C.7	35	42	42	35	21	0	-28	-62	-103
				C.C.8	14	2	-13	-32	-55	-81	-110	-143	-179

				C.C.9	-7	-17	-29	-46	-66	-89	-116	-147	-180
				C.C.10	-237	-207	-183	-164	-152	-146	-146	-153	-166
				C.C.11	-259	-226	-199	-178	-163	-154	-152	-156	-167
				C.C.12	-279	-265	-254	-245	-239	-235	-235	-237	-244
				C.C.13	-301	-284	-270	-258	-249	-243	-241	-241	-245
				C.C.14	10	41	62	72	71	61	40	8	-34
				C.C.15	-25	11	36	50	54	47	30	3	-35
				C.C.16	-78	-39	-10	8	16	14	2	-20	-53
				C.C.17	-113	-69	-36	-13	-1	1	-7	-26	-55
				C.C.18	-132	-154	-176	-197	-217	-236	-255	-274	-291
				C.C.19	-166	-184	-202	-218	-234	-250	-265	-279	-293
				C.C.20	-220	-234	-248	-261	-272	-283	-293	-302	-311
				C.C.21	-254	-265	-274	-282	-289	-296	-302	-307	-312
				C.C. U1	-202	-191	-185	-186	-194	-208	-228	-255	-288
				C.C. U2	-197	-184	-177	-178	-185	-198	-218	-246	-279
				C.C. U3	-190	-177	-170	-170	-176	-190	-210	-238	-272
				C.C. U4	-211	-199	-194	-195	-202	-215	-235	-261	-293
				C.C. U5	-205	-192	-186	-186	-192	-205	-225	-252	-285
				C.C. U6	-205	-191	-184	-183	-189	-202	-221	-248	-281
				C.C. U7	-203	-191	-185	-185	-192	-206	-226	-252	-286
				C.C. U8	-197	-184	-177	-176	-183	-196	-216	-243	-277
				C.C. U9	-191	-176	-168	-167	-173	-186	-206	-234	-268
				C.C. U10	-207	-197	-193	-194	-202	-216	-236	-262	-295
				C.C. U11	-202	-190	-185	-185	-193	-206	-226	-253	-286
				C.C. U12	-199	-187	-182	-183	-190	-203	-223	-250	-283
				C.C. U13	-205	-194	-189	-190	-197	-211	-231	-257	-290
				C.C. U14	-200	-187	-181	-181	-188	-201	-221	-248	-282
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-288	-258	-234	-216	-205	-201	-202	-210	-225
				C.C.2	-289	-258	-234	-216	-205	-201	-203	-211	-226
				C.C.3	-288	-257	-234	-216	-205	-201	-202	-210	-224
				C.C.4	-240	-206	-180	-162	-151	-149	-154	-167	-187
				C.C.5	-238	-205	-180	-162	-151	-148	-153	-165	-184
				C.C.6	-158	-153	-154	-162	-176	-197	-224	-257	-295
				C.C.7	-158	-149	-148	-153	-165	-182	-206	-236	-272
				C.C.8	-240	-243	-249	-258	-271	-287	-305	-326	-350
				C.C.9	-239	-239	-243	-250	-259	-272	-287	-306	-326
				C.C.10	-112	-68	-30	1	25	43	53	57	54
				C.C.11	-111	-64	-24	10	37	57	71	78	78
				C.C.12	-194	-158	-125	-96	-69	-47	-28	-12	0
				C.C.13	-193	-154	-119	-87	-58	-32	-10	8	23
				C.C.14	-47	-19	-2	5	1	-13	-37	-72	-117
				C.C.15	-45	-13	8	19	20	10	-9	-39	-79
				C.C.16	-33	6	35	54	62	59	46	22	-12
				C.C.17	-31	12	45	68	80	82	74	55	26
				C.C.18	-320	-319	-318	-317	-314	-312	-308	-303	-298
				C.C.19	-318	-313	-308	-302	-296	-288	-280	-271	-260
				C.C.20	-306	-294	-281	-268	-254	-240	-225	-209	-193
				C.C.21	-304	-288	-271	-253	-235	-217	-197	-177	-156
				C.C. U1	-292	-262	-238	-220	-210	-205	-207	-215	-230
				C.C. U2	-283	-252	-228	-210	-199	-195	-198	-207	-223
				C.C. U3	-275	-244	-220	-202	-192	-188	-192	-202	-218
				C.C. U4	-296	-265	-240	-222	-211	-205	-206	-214	-227
				C.C. U5	-287	-255	-230	-212	-201	-196	-197	-206	-220
				C.C. U6	-282	-250	-224	-206	-194	-189	-191	-199	-214
				C.C. U7	-290	-259	-234	-217	-206	-201	-203	-212	-226
				C.C. U8	-281	-249	-224	-207	-196	-192	-194	-204	-220
				C.C. U9	-271	-239	-214	-196	-186	-182	-185	-195	-213
				C.C. U10	-299	-269	-245	-228	-217	-212	-213	-220	-233
				C.C. U11	-291	-260	-235	-218	-207	-202	-204	-212	-226
				C.C. U12	-287	-257	-233	-215	-204	-199	-201	-209	-223
				C.C. U13	-294	-264	-240	-223	-212	-207	-208	-216	-230
				C.C. U14	-286	-255	-230	-213	-201	-197	-199	-208	-223
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-165	-114	-66	-22	19	55	88	118	144
				C.C.2	-166	-114	-67	-23	17	53	85	114	139
				C.C.3	-165	-113	-65	-20	21	58	92	122	149
				C.C.4	-136	-88	-45	-7	27	56	80	100	115
				C.C.5	-136	-86	-42	-2	34	65	91	114	131
				C.C.6	-167	-220	-277	-337	-401	-468	-538	-612	-689
				C.C.7	-158	-200	-246	-295	-348	-404	-464	-526	-592
				C.C.8	-197	-248	-300	-353	-408	-463	-520	-578	-636

				C.C.9	-188	-228	-269	-312	-355	-400	-446	-492	-539
				C.C.10	-12	96	199	298	392	480	565	644	718
				C.C.11	-3	116	230	339	444	544	639	730	815
				C.C.12	-42	69	176	282	384	485	583	678	771
				C.C.13	-32	88	207	323	437	548	658	764	868
				C.C.14	-81	-83	-92	-108	-131	-160	-196	-238	-287
				C.C.15	-66	-52	-44	-42	-47	-59	-77	-102	-133
				C.C.16	-34	11	50	82	107	125	135	139	135
				C.C.17	-20	43	99	148	190	225	254	275	289
				C.C.18	-180	-175	-169	-162	-154	-145	-135	-123	-110
				C.C.19	-165	-143	-120	-96	-71	-44	-16	13	44
				C.C.20	-133	-80	-26	28	84	140	196	254	312
				C.C.21	-119	-48	23	94	167	240	315	390	466
				C.C. U1	-169	-118	-70	-27	12	48	80	109	134
				C.C. U2	-163	-113	-67	-25	14	48	78	104	127
				C.C. U3	-160	-110	-65	-24	13	46	75	100	121
				C.C. U4	-167	-114	-64	-18	24	63	98	129	157
				C.C. U5	-162	-109	-60	-15	25	62	95	125	150
				C.C. U6	-158	-104	-54	-9	33	70	104	134	160
				C.C. U7	-167	-115	-67	-24	16	52	85	114	139
				C.C. U8	-161	-110	-63	-21	18	52	82	109	132
				C.C. U9	-157	-106	-60	-18	20	53	83	108	130
				C.C. U10	-170	-118	-69	-24	17	55	89	120	147
				C.C. U11	-164	-113	-65	-22	18	54	86	115	140
				C.C. U12	-162	-111	-63	-19	21	57	89	118	144
				C.C. U13	-169	-117	-68	-24	16	53	87	117	143
				C.C. U14	-163	-112	-65	-22	18	53	84	112	136
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-12	-27	-45	-67	-91	-118	-148	-181	-217
				C.C.2	-16	-31	-48	-69	-92	-119	-149	-181	-217
				C.C.3	-7	-23	-42	-64	-89	-117	-147	-180	-216
				C.C.4	-34	-39	-48	-61	-78	-99	-125	-154	-187
				C.C.5	-19	-27	-38	-53	-72	-95	-122	-152	-186
				C.C.6	141	127	109	86	59	27	-8	-49	-95
				C.C.7	195	174	148	118	83	44	1	-47	-101
				C.C.8	-176	-152	-131	-113	-98	-86	-76	-70	-66
				C.C.9	-122	-105	-91	-81	-74	-69	-67	-69	-72
				C.C.10	87	58	28	-5	-39	-75	-113	-153	-196
				C.C.11	141	105	67	27	-14	-58	-104	-151	-201
				C.C.12	-229	-221	-212	-204	-196	-188	-181	-175	-167
				C.C.13	-175	-174	-173	-172	-171	-171	-172	-173	-172
				C.C.14	475	415	349	278	201	119	32	-60	-163
				C.C.15	561	489	411	328	239	145	47	-57	-172
				C.C.16	459	394	324	250	171	88	0	-91	-193
				C.C.17	545	468	387	301	210	115	15	-89	-202
				C.C.18	-579	-515	-451	-387	-322	-259	-195	-133	-66
				C.C.19	-494	-441	-388	-336	-284	-232	-180	-130	-75
				C.C.20	-595	-536	-475	-414	-352	-289	-227	-164	-96
				C.C.21	-510	-461	-413	-363	-313	-263	-212	-161	-105
				C.C. U1	-11	-27	-45	-67	-92	-119	-150	-183	-219
				C.C. U2	-19	-32	-49	-68	-91	-117	-145	-177	-213
				C.C. U3	-12	-25	-42	-62	-85	-112	-141	-174	-210
				C.C. U4	-15	-31	-49	-71	-95	-122	-152	-185	-220
				C.C. U5	-23	-36	-53	-72	-94	-119	-148	-179	-214
				C.C. U6	-19	-32	-48	-68	-90	-116	-145	-177	-212
				C.C. U7	6	-12	-33	-57	-84	-114	-146	-182	-221
				C.C. U8	-2	-18	-36	-58	-83	-111	-142	-177	-214
				C.C. U9	16	-1	-21	-45	-72	-102	-136	-173	-213
				C.C. U10	-50	-61	-75	-92	-111	-134	-159	-187	-218
				C.C. U11	-58	-67	-78	-93	-110	-131	-155	-181	-211
				C.C. U12	-77	-82	-91	-103	-118	-136	-157	-181	-208
				C.C. U13	-16	-31	-49	-71	-94	-121	-151	-183	-219
				C.C. U14	-24	-37	-53	-72	-94	-119	-147	-178	-212
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-188	-187	-189	-194	-202	-212	-226	-242	-261
				C.C.2	-189	-188	-190	-194	-202	-213	-226	-242	-262
				C.C.3	-188	-187	-189	-194	-202	-212	-225	-241	-260
				C.C.4	-168	-158	-152	-151	-153	-159	-170	-184	-203
				C.C.5	-166	-157	-151	-150	-152	-158	-168	-182	-200
				C.C.6	-37	-64	-93	-127	-166	-222	-269	-322	-379
				C.C.7	-34	-68	-105	-146	-192	-257	-311	-371	-436
				C.C.8	-84	-55	-31	-10	7	7	16	21	21

				C.C.9	-81	-59	-42	-29	-19	-27	-25	-28	-36
				C.C.10	-159	-169	-179	-191	-204	-203	-219	-233	-248
				C.C.11	-155	-173	-191	-210	-230	-238	-260	-282	-305
				C.C.12	-206	-160	-117	-73	-31	26	67	109	151
				C.C.13	-202	-164	-128	-92	-57	-8	25	60	95
				C.C.14	-26	-110	-193	-281	-373	-473	-573	-676	-783
				C.C.15	-20	-116	-211	-311	-415	-527	-639	-754	-873
				C.C.16	-63	-141	-219	-300	-385	-468	-558	-650	-744
				C.C.17	-57	-147	-237	-330	-427	-522	-624	-728	-834
				C.C.18	-182	-81	16	111	204	291	380	466	550
				C.C.19	-177	-87	-2	81	162	237	314	388	460
				C.C.20	-219	-112	-10	92	192	296	395	493	589
				C.C.21	-213	-118	-28	62	150	242	329	415	499
				C.C. U1	-191	-190	-192	-197	-205	-215	-228	-244	-263
				C.C. U2	-188	-184	-183	-185	-190	-199	-210	-224	-242
				C.C. U3	-184	-181	-181	-185	-191	-201	-214	-230	-249
				C.C. U4	-193	-191	-192	-196	-203	-213	-225	-240	-258
				C.C. U5	-189	-185	-183	-184	-189	-196	-207	-220	-237
				C.C. U6	-187	-183	-182	-184	-189	-198	-209	-223	-241
				C.C. U7	-189	-191	-195	-203	-213	-226	-242	-261	-282
				C.C. U8	-186	-184	-186	-191	-198	-209	-223	-240	-261
				C.C. U9	-181	-182	-187	-194	-205	-219	-237	-257	-281
				C.C. U10	-196	-191	-190	-191	-195	-202	-211	-224	-239
				C.C. U11	-193	-185	-181	-179	-181	-185	-193	-204	-217
				C.C. U12	-192	-183	-178	-175	-176	-179	-186	-195	-208
				C.C. U13	-192	-190	-191	-195	-202	-212	-224	-239	-257
				C.C. U14	-189	-184	-182	-183	-188	-195	-206	-219	-236
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	9	-13	-38	-67	-98	-132	-169	-209	-252
				C.C.2	5	-16	-41	-69	-100	-133	-170	-210	-253
				C.C.3	13	-10	-36	-65	-96	-131	-169	-209	-252
				C.C.4	-16	-27	-42	-61	-84	-111	-142	-177	-217
				C.C.5	-2	-16	-33	-54	-79	-107	-140	-176	-216
				C.C.6	144	105	64	21	-23	-70	-119	-169	-223
				C.C.7	95	63	29	-7	-45	-85	-127	-171	-218
				C.C.8	-136	-142	-150	-157	-165	-173	-182	-191	-199
				C.C.9	-185	-184	-185	-185	-186	-188	-190	-193	-193
				C.C.10	176	155	130	100	66	27	-16	-63	-117
				C.C.11	128	113	95	72	44	12	-24	-64	-112
				C.C.12	-104	-93	-84	-78	-76	-76	-79	-85	-93
				C.C.13	-152	-134	-119	-107	-98	-91	-87	-86	-88
				C.C.14	496	423	347	265	179	88	-7	-106	-216
				C.C.15	419	357	291	220	145	65	-20	-108	-207
				C.C.16	506	438	367	289	206	118	24	-74	-184
				C.C.17	429	372	311	244	171	94	11	-76	-176
				C.C.18	-438	-401	-366	-329	-292	-255	-217	-180	-135
				C.C.19	-514	-468	-422	-374	-327	-278	-230	-182	-126
				C.C.20	-428	-386	-346	-306	-266	-226	-186	-148	-103
				C.C.21	-505	-453	-402	-351	-300	-249	-199	-150	-95
				C.C. U1	28	3	-25	-57	-91	-128	-168	-211	-257
				C.C. U2	19	-3	-29	-57	-89	-124	-163	-204	-249
				C.C. U3	38	13	-14	-45	-78	-116	-156	-200	-247
				C.C. U4	5	-17	-42	-70	-101	-135	-172	-212	-254
				C.C. U5	-4	-23	-46	-71	-100	-132	-167	-205	-247
				C.C. U6	-1	-20	-42	-68	-96	-128	-163	-202	-243
				C.C. U7	26	1	-27	-58	-92	-129	-168	-211	-257
				C.C. U8	17	-5	-30	-59	-90	-125	-163	-205	-249
				C.C. U9	33	10	-17	-47	-80	-117	-157	-201	-247
				C.C. U10	-25	-44	-65	-90	-117	-147	-180	-216	-255
				C.C. U11	-34	-50	-69	-91	-116	-144	-175	-209	-247
				C.C. U12	-51	-64	-80	-100	-122	-148	-177	-208	-243
				C.C. U13	6	-17	-42	-70	-102	-136	-173	-213	-255
				C.C. U14	-3	-23	-45	-71	-100	-132	-168	-206	-247
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-192	-189	-189	-192	-198	-207	-218	-232	-249
				C.C.2	-193	-190	-190	-193	-198	-207	-219	-233	-251
				C.C.3	-192	-189	-189	-192	-198	-206	-218	-232	-248
				C.C.4	-171	-160	-153	-149	-150	-155	-164	-177	-194
				C.C.5	-169	-158	-151	-148	-149	-154	-162	-174	-191
				C.C.6	-135	-155	-179	-203	-228	-254	-265	-294	-321
				C.C.7	-140	-153	-169	-186	-203	-222	-226	-247	-267
				C.C.8	-191	-159	-126	-95	-64	-34	12	41	70

				C.C.9	-197	-157	-117	-78	-39	-2	51	88	125
				C.C.10	-47	-73	-105	-140	-180	-223	-287	-339	-397
				C.C.11	-52	-71	-95	-123	-155	-191	-248	-293	-343
				C.C.12	-104	-77	-52	-32	-16	-3	-10	-5	-5
				C.C.13	-109	-75	-42	-15	9	29	29	42	49
				C.C.14	-36	-123	-218	-312	-409	-510	-608	-713	-821
				C.C.15	-44	-119	-202	-285	-370	-459	-545	-639	-735
				C.C.16	-10	-98	-195	-293	-395	-500	-614	-727	-844
				C.C.17	-18	-94	-180	-266	-356	-450	-552	-653	-758
				C.C.18	-226	-136	-41	48	137	225	316	401	485
				C.C.19	-234	-132	-26	75	176	275	379	475	571
				C.C.20	-199	-111	-19	67	151	234	309	387	462
				C.C.21	-208	-107	-4	94	190	285	372	462	548
				C.C. U1	-192	-191	-194	-200	-208	-219	-233	-250	-269
				C.C. U2	-188	-185	-185	-188	-194	-203	-215	-230	-249
				C.C. U3	-183	-182	-185	-190	-199	-212	-227	-245	-267
				C.C. U4	-195	-191	-191	-193	-198	-206	-217	-230	-246
				C.C. U5	-192	-185	-182	-181	-184	-190	-199	-211	-226
				C.C. U6	-188	-182	-179	-180	-183	-190	-200	-213	-229
				C.C. U7	-192	-192	-195	-200	-209	-220	-234	-251	-271
				C.C. U8	-189	-185	-185	-189	-195	-204	-217	-232	-251
				C.C. U9	-183	-183	-186	-192	-201	-214	-229	-248	-270
				C.C. U10	-200	-194	-191	-190	-192	-197	-205	-215	-228
				C.C. U11	-197	-188	-182	-178	-178	-181	-187	-196	-208
				C.C. U12	-197	-187	-179	-175	-173	-175	-180	-188	-199
				C.C. U13	-196	-192	-191	-194	-199	-206	-217	-230	-246
				C.C. U14	-192	-186	-182	-182	-185	-190	-199	-211	-226
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	18	46	71	94	114	132	147	161	171
				C.C.2	15	43	69	92	112	130	146	159	169
				C.C.3	21	49	74	96	116	134	149	163	173
				C.C.4	-1	27	50	70	85	95	102	105	104
				C.C.5	10	37	59	77	92	102	109	112	110
				C.C.6	89	85	78	66	50	31	10	-23	-54
				C.C.7	74	69	61	48	32	12	-10	-43	-74
				C.C.8	280	277	269	257	240	218	192	155	117
				C.C.9	265	261	252	239	221	199	173	135	97
				C.C.10	-249	-209	-169	-130	-92	-53	-16	29	69
				C.C.11	-264	-225	-186	-148	-110	-72	-35	9	49
				C.C.12	-58	-17	22	60	98	134	167	207	240
				C.C.13	-73	-33	5	43	79	115	148	187	220
				C.C.14	-248	-236	-227	-220	-214	-210	-207	-206	-205
				C.C.15	-272	-261	-254	-248	-244	-240	-237	-237	-236
				C.C.16	-350	-324	-301	-279	-257	-236	-214	-191	-168
				C.C.17	-373	-350	-328	-307	-286	-266	-245	-222	-199
				C.C.18	390	402	411	416	416	411	402	386	365
				C.C.19	366	376	384	387	387	381	372	354	333
				C.C.20	288	313	337	357	373	386	395	401	402
				C.C.21	265	288	310	329	344	356	364	370	370
				C.C. U1	15	43	68	91	111	129	145	158	170
				C.C. U2	13	40	64	86	104	120	134	144	152
				C.C. U3	9	36	60	82	101	117	130	140	148
				C.C. U4	17	45	70	93	114	132	148	162	173
				C.C. U5	14	42	66	88	107	123	137	147	156
				C.C. U6	11	39	64	86	105	121	135	146	154
				C.C. U7	9	35	58	79	98	114	128	140	150
				C.C. U8	7	32	55	74	91	105	117	126	132
				C.C. U9	-2	23	44	63	79	92	102	110	116
				C.C. U10	27	55	80	103	124	142	158	171	182
				C.C. U11	24	52	77	98	117	133	146	157	164
				C.C. U12	28	56	81	103	122	138	151	161	169
				C.C. U13	20	47	72	95	115	133	149	162	173
				C.C. U14	17	44	68	90	108	124	137	148	155
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-29	8	43	75	105	132	157	179	200
				C.C.2	-33	5	40	73	103	130	155	178	198
				C.C.3	-26	11	45	77	107	134	159	181	202
				C.C.4	-38	-3	28	55	78	96	111	121	127
				C.C.5	-26	8	37	63	85	103	117	127	133
				C.C.6	-341	-285	-230	-175	-120	-66	-14	49	106
				C.C.7	-320	-265	-210	-155	-101	-48	3	65	120
				C.C.8	-102	-56	-12	32	75	116	154	202	242

				C.C.9	-81	-36	8	51	94	134	171	218	256
				C.C.10	44	45	43	36	26	12	-2	-31	-56
				C.C.11	65	66	63	56	45	30	15	-15	-42
				C.C.12	283	274	261	243	221	195	166	122	79
				C.C.13	304	294	281	263	240	212	183	137	94
				C.C.14	-492	-443	-394	-348	-302	-256	-211	-161	-113
				C.C.15	-458	-410	-363	-317	-272	-228	-184	-136	-90
				C.C.16	-376	-343	-313	-285	-258	-233	-207	-185	-162
				C.C.17	-343	-311	-281	-254	-228	-204	-180	-160	-139
				C.C.18	306	320	332	341	348	351	349	347	339
				C.C.19	339	353	364	372	378	379	376	372	361
				C.C.20	421	419	413	405	392	374	353	323	290
				C.C.21	454	452	445	436	422	403	380	348	313
				C.C. U1	-28	7	41	72	100	127	151	172	192
				C.C. U2	-28	7	39	68	94	118	139	157	173
				C.C. U3	-29	5	36	64	90	112	132	150	164
				C.C. U4	-25	12	46	78	107	134	159	181	201
				C.C. U5	-25	11	44	74	101	125	147	166	182
				C.C. U6	-24	12	45	74	101	125	146	164	179
				C.C. U7	-42	-6	28	59	88	115	140	162	182
				C.C. U8	-42	-7	26	55	82	106	128	147	163
				C.C. U9	-52	-18	14	43	70	93	114	132	148
				C.C. U10	-19	19	53	85	115	142	167	189	209
				C.C. U11	-18	18	51	81	109	133	155	174	190
				C.C. U12	-13	23	56	87	114	138	159	178	193
				C.C. U13	-28	9	44	76	106	133	158	181	202
				C.C. U14	-28	8	42	72	100	125	147	166	183
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	145	120	90	56	16	-28	-78	-132	-192
				C.C.2	140	116	87	53	14	-30	-79	-134	-194
				C.C.3	149	123	93	58	18	-26	-76	-131	-191
				C.C.4	82	79	69	51	25	-9	-50	-100	-157
				C.C.5	97	92	79	59	32	-3	-45	-94	-152
				C.C.6	797	710	618	522	422	318	210	100	-12
				C.C.7	841	745	643	538	429	317	201	82	-38
				C.C.8	665	624	574	517	453	381	302	217	127
				C.C.9	709	658	599	533	461	380	293	200	102
				C.C.10	-568	-531	-495	-461	-429	-399	-371	-347	-327
				C.C.11	-524	-497	-470	-445	-422	-400	-380	-364	-353
				C.C.12	-701	-618	-539	-466	-397	-335	-279	-229	-188
				C.C.13	-657	-583	-514	-450	-390	-337	-288	-247	-213
				C.C.14	461	366	272	179	85	-6	-97	-188	-278
				C.C.15	531	421	312	205	97	-8	-112	-216	-319
				C.C.16	51	-6	-62	-116	-170	-221	-272	-322	-372
				C.C.17	121	48	-22	-90	-159	-223	-287	-350	-413
				C.C.18	19	78	126	162	190	204	209	203	188
				C.C.19	89	133	166	188	202	203	194	175	147
				C.C.20	-390	-294	-208	-132	-65	-11	34	69	93
				C.C.21	-321	-240	-168	-107	-53	-12	20	41	53
				C.C. U1	141	115	84	49	9	-35	-85	-139	-199
				C.C. U2	123	103	77	46	10	-32	-79	-132	-191
				C.C. U3	122	102	77	46	11	-31	-78	-131	-189
				C.C. U4	128	104	75	41	2	-41	-89	-143	-202
				C.C. U5	111	92	68	38	3	-38	-84	-136	-194
				C.C. U6	101	83	61	32	-1	-41	-86	-137	-194
				C.C. U7	153	124	91	53	10	-37	-89	-145	-207
				C.C. U8	136	112	84	50	11	-33	-83	-138	-200
				C.C. U9	142	117	87	52	12	-33	-84	-141	-203
				C.C. U10	137	114	86	53	15	-28	-77	-130	-189
				C.C. U11	120	102	79	50	15	-25	-71	-124	-182
				C.C. U12	116	101	79	52	19	-20	-65	-116	-173
				C.C. U13	144	118	88	53	13	-32	-81	-136	-196
				C.C. U14	127	107	81	50	14	-28	-76	-129	-189
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-338	-312	-294	-283	-280	-283	-294	-312	-336
				C.C.2	-339	-313	-294	-283	-279	-283	-294	-312	-337
				C.C.3	-337	-312	-294	-283	-280	-283	-294	-311	-335
				C.C.4	-278	-241	-215	-199	-193	-198	-214	-240	-276
				C.C.5	-275	-240	-215	-199	-194	-199	-214	-239	-273
				C.C.6	-188	-181	-178	-180	-186	-198	-212	-231	-254
				C.C.7	-171	-168	-170	-176	-187	-202	-221	-244	-271
				C.C.8	-137	-114	-100	-95	-99	-111	-131	-159	-194



				C.C.9	-120	-102	-92	-91	-99	-115	-139	-172	-212
				C.C.10	-282	-256	-234	-215	-201	-191	-185	-185	-188
				C.C.11	-265	-244	-225	-211	-201	-195	-194	-198	-206
				C.C.12	-231	-190	-156	-131	-113	-104	-104	-112	-129
				C.C.13	-214	-177	-148	-127	-114	-108	-112	-125	-147
				C.C.14	-286	-288	-290	-292	-294	-295	-296	-296	-295
				C.C.15	-259	-268	-277	-286	-294	-302	-309	-316	-323
				C.C.16	-314	-311	-307	-303	-298	-293	-288	-282	-275
				C.C.17	-287	-291	-294	-296	-299	-300	-301	-302	-303
				C.C.18	-115	-67	-32	-10	-1	-6	-23	-54	-97
				C.C.19	-88	-47	-19	-4	-2	-13	-37	-75	-125
				C.C.20	-144	-90	-49	-21	-6	-4	-15	-40	-78
				C.C.21	-117	-70	-36	-14	-6	-11	-29	-61	-105
				C.C. U1	-347	-322	-304	-293	-289	-292	-302	-319	-343
				C.C. U2	-335	-307	-287	-275	-271	-274	-285	-304	-330
				C.C. U3	-331	-303	-283	-270	-266	-269	-279	-298	-324
				C.C. U4	-346	-321	-303	-292	-288	-292	-302	-319	-344
				C.C. U5	-334	-306	-286	-274	-270	-273	-285	-304	-331
				C.C. U6	-330	-301	-281	-268	-264	-268	-279	-299	-326
				C.C. U7	-347	-323	-306	-296	-292	-296	-306	-323	-347
				C.C. U8	-335	-308	-289	-278	-274	-277	-289	-308	-334
				C.C. U9	-331	-305	-286	-275	-271	-274	-286	-305	-331
				C.C. U10	-341	-316	-297	-286	-282	-286	-296	-314	-340
				C.C. U11	-329	-301	-280	-268	-264	-267	-279	-299	-327
				C.C. U12	-321	-292	-271	-258	-254	-258	-270	-290	-319
				C.C. U13	-344	-319	-301	-290	-287	-290	-300	-318	-342
				C.C. U14	-331	-304	-284	-272	-268	-272	-283	-303	-330
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-182	-121	-65	-15	31	71	107	138	164
				C.C.2	-184	-123	-67	-17	28	68	103	134	159
				C.C.3	-181	-120	-64	-13	33	74	110	142	169
				C.C.4	-148	-90	-40	2	37	63	82	93	97
				C.C.5	-142	-84	-34	9	44	72	93	106	113
				C.C.6	-359	-373	-390	-411	-435	-462	-487	-516	-545
				C.C.7	-332	-353	-379	-409	-442	-479	-514	-552	-591
				C.C.8	-212	-248	-292	-343	-399	-459	-529	-602	-678
				C.C.9	-184	-229	-281	-341	-407	-476	-556	-638	-724
				C.C.10	-28	96	219	339	456	567	679	785	887
				C.C.11	0	116	229	341	448	550	653	749	841
				C.C.12	119	221	317	407	491	570	637	700	754
				C.C.13	147	240	327	409	484	553	611	664	708
				C.C.14	-424	-359	-294	-228	-162	-100	-22	50	124
				C.C.15	-380	-329	-277	-226	-174	-126	-64	-7	51
				C.C.16	-325	-219	-112	-3	105	209	328	440	554
				C.C.17	-281	-188	-95	0	93	182	286	383	481
				C.C.18	69	56	32	-1	-44	-91	-162	-235	-318
				C.C.19	113	86	49	1	-56	-118	-204	-292	-391
				C.C.20	168	196	215	224	223	217	188	155	112
				C.C.21	212	227	232	226	211	191	146	98	38
				C.C. U1	-193	-130	-72	-19	29	72	111	145	174
				C.C. U2	-185	-123	-67	-16	29	68	103	132	156
				C.C. U3	-186	-123	-66	-14	32	73	109	139	164
				C.C. U4	-183	-121	-64	-12	35	77	114	146	174
				C.C. U5	-176	-114	-59	-9	35	73	106	134	156
				C.C. U6	-170	-108	-52	-2	42	81	114	142	164
				C.C. U7	-197	-135	-77	-24	25	68	107	142	172
				C.C. U8	-190	-128	-72	-21	25	65	99	129	154
				C.C. U9	-194	-131	-73	-21	25	67	103	134	160
				C.C. U10	-179	-119	-64	-15	29	68	103	132	157
				C.C. U11	-171	-112	-59	-12	29	65	95	119	139
				C.C. U12	-162	-104	-52	-6	33	67	95	118	135
				C.C. U13	-186	-125	-69	-18	28	69	105	136	163
				C.C. U14	-178	-118	-64	-15	28	65	97	124	145
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-660	-164	191	404	475	403	190	-165	-662
				C.C.2	-665	-169	186	399	470	398	185	-170	-667
				C.C.3	-655	-158	196	409	480	408	195	-160	-657
				C.C.4	-495	-127	136	294	346	293	135	-128	-496
				C.C.5	-478	-110	153	310	363	310	152	-111	-480
				C.C.6	207	333	383	357	255	77	-177	-508	-915
				C.C.7	144	286	352	342	255	93	-146	-460	-851

				C.C.8	212	338	388	361	259	81	-174	-505	-912
				C.C.9	148	290	356	346	259	96	-142	-457	-848
				C.C.10	-851	-460	-145	93	255	342	352	286	144
				C.C.11	-914	-508	-177	77	255	358	383	333	207
				C.C.12	-846	-456	-141	97	259	345	355	289	146
				C.C.13	-910	-503	-173	81	259	361	387	336	210
				C.C.14	-150	65	203	265	251	161	-5	-248	-566
				C.C.15	-250	-11	153	240	251	186	45	-172	-466
				C.C.16	-467	-173	44	186	251	240	153	-10	-249
				C.C.17	-568	-249	-6	161	251	265	204	66	-148
				C.C.18	-135	79	216	278	263	173	6	-237	-556
				C.C.19	-235	4	166	253	263	198	56	-162	-456
				C.C.20	-452	-159	58	199	263	252	164	1	-239
				C.C.21	-553	-234	8	174	263	277	215	76	-139
				C.C. U1	-665	-159	201	417	488	414	195	-169	-678
				C.C. U2	-623	-146	195	399	466	396	189	-155	-636
				C.C. U3	-609	-143	189	387	452	382	179	-158	-630
				C.C. U4	-676	-167	197	416	490	419	203	-158	-664
				C.C. U5	-634	-154	190	397	467	400	196	-144	-622
				C.C. U6	-628	-156	181	385	454	390	192	-140	-606
				C.C. U7	-671	-164	198	416	488	415	198	-165	-673
				C.C. U8	-629	-150	192	397	466	397	191	-151	-631
				C.C. U9	-619	-150	184	385	452	384	183	-152	-621
				C.C. U10	-670	-163	199	416	489	416	198	-164	-672
				C.C. U11	-628	-149	193	398	466	397	192	-151	-630
				C.C. U12	-618	-149	185	386	453	385	184	-151	-620
				C.C. U13	-670	-163	199	416	488	416	198	-165	-672
				C.C. U14	-629	-150	192	398	466	397	192	-151	-631
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.0 0</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	208	372	462	477	418	285	78	-204	-559
				C.C.2	200	365	455	471	413	280	73	-208	-563
				C.C.3	216	379	468	483	424	290	82	-200	-556
				C.C.4	135	257	325	339	297	201	51	-155	-415
				C.C.5	160	281	348	359	316	218	66	-141	-403
				C.C.6	270	337	379	384	351	279	171	24	-162
				C.C.7	345	394	419	407	355	266	141	-24	-227
				C.C.8	-81	70	199	289	339	355	332	270	169
				C.C.9	-6	128	238	311	344	343	302	222	104
				C.C.10	221	263	249	194	100	-38	-215	-433	-690
				C.C.11	296	320	288	216	105	-51	-246	-481	-755
				C.C.12	-130	-4	68	98	89	38	-55	-187	-359
				C.C.13	-55	54	107	121	93	25	-85	-235	-424
				C.C.14	641	604	533	423	275	82	-142	-409	-714
				C.C.15	760	695	596	458	282	62	-190	-484	-818
				C.C.16	627	582	494	366	199	-13	-258	-546	-872
				C.C.17	745	673	557	401	207	-33	-306	-621	-976
				C.C.18	-530	-283	-70	104	237	337	393	411	390
				C.C.19	-412	-192	-7	139	245	317	345	335	286
				C.C.20	-545	-305	-109	47	162	242	277	274	231
				C.C.21	-426	-214	-46	82	169	222	229	198	128
				C.C. U1	214	380	470	485	425	290	79	-208	-569
				C.C. U2	197	354	440	455	400	274	78	-189	-526
				C.C. U3	198	350	433	447	390	265	70	-195	-529
				C.C. U4	210	377	469	485	426	291	81	-204	-565
				C.C. U5	193	351	438	455	401	276	81	-185	-522
				C.C. U6	192	346	431	446	391	268	74	-189	-521
				C.C. U7	234	395	481	491	426	285	69	-222	-589
				C.C. U8	218	369	450	461	401	270	69	-203	-546
				C.C. U9	233	376	451	456	391	257	54	-219	-561
				C.C. U10	212	381	475	493	436	304	96	-187	-545
				C.C. U11	195	355	444	463	411	289	95	-168	-502
				C.C. U12	195	352	441	459	409	289	99	-160	-489
				C.C. U13	210	377	469	486	427	293	83	-202	-562
				C.C. U14	193	351	439	455	402	277	83	-183	-519
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	-3	-13	-29	-52	-81	-117	-160	-209
				C.C.2	0	-3	-13	-29	-52	-81	-117	-160	-209
				C.C.3	0	-3	-13	-29	-52	-81	-117	-160	-209
				C.C.4	0	-2	-10	-22	-39	-60	-87	-118	-155
				C.C.5	0	-2	-10	-22	-39	-60	-87	-118	-155
				C.C.6	0	-4	-11	-22	-37	-54	-76	-101	-129

				C.C.7	0	-4	-11	-22	-37	-54	-76	-101	-129
				C.C.8	0	-3	-10	-20	-33	-50	-71	-95	-123
				C.C.9	0	-3	-10	-20	-33	-50	-71	-95	-123
				C.C.10	0	0	-4	-12	-23	-37	-55	-76	-101
				C.C.11	0	0	-4	-12	-23	-37	-55	-76	-101
				C.C.12	0	0	-3	-9	-19	-33	-50	-71	-95
				C.C.13	0	0	-3	-9	-19	-33	-50	-71	-95
				C.C.14	0	-4	-11	-21	-35	-53	-74	-99	-127
				C.C.15	0	-4	-11	-21	-35	-53	-74	-99	-127
				C.C.16	0	-3	-9	-18	-31	-48	-68	-91	-118
				C.C.17	0	-3	-9	-18	-31	-48	-68	-91	-118
				C.C.18	0	-1	-5	-13	-25	-40	-58	-80	-106
				C.C.19	0	-1	-5	-13	-25	-40	-58	-80	-106
				C.C.20	0	0	-3	-10	-21	-35	-52	-73	-97
				C.C.21	0	0	-3	-10	-21	-35	-52	-73	-97
				C.C. U1	0	-3	-13	-30	-53	-83	-120	-163	-213
				C.C. U2	0	-3	-13	-28	-50	-79	-113	-154	-201
				C.C. U3	0	-3	-12	-28	-49	-77	-111	-151	-197
				C.C. U4	0	-3	-13	-30	-53	-83	-120	-163	-213
				C.C. U5	0	-3	-13	-28	-50	-79	-113	-154	-201
				C.C. U6	0	-3	-12	-28	-49	-77	-111	-151	-197
				C.C. U7	0	-3	-13	-30	-53	-83	-120	-163	-213
				C.C. U8	0	-3	-13	-28	-50	-79	-113	-154	-201
				C.C. U9	0	-3	-12	-28	-49	-77	-111	-151	-197
				C.C. U10	0	-3	-13	-30	-53	-83	-120	-163	-213
				C.C. U11	0	-3	-13	-28	-50	-79	-113	-154	-201
				C.C. U12	0	-3	-12	-28	-49	-77	-111	-151	-197
				C.C. U13	0	-3	-13	-30	-53	-83	-120	-163	-213
				C.C. U14	0	-3	-13	-28	-50	-79	-113	-154	-201
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C.2	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C.3	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C.4	-22	-17	-12	-9	-6	-3	-1	0	0
				C.C.5	-22	-17	-12	-9	-6	-3	-1	0	0
				C.C.6	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C.7	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C.8	-17	-13	-9	-7	-4	-2	-1	0	0
				C.C.9	-17	-13	-9	-7	-4	-2	-1	0	0
				C.C.10	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.11	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.12	-14	-11	-8	-5	-3	-2	-1	0	0
				C.C.13	-14	-11	-8	-5	-3	-2	-1	0	0
				C.C.14	-18	-14	-11	-8	-5	-3	-2	-1	0
				C.C.15	-18	-14	-11	-8	-5	-3	-2	-1	0
				C.C.16	-17	-13	-10	-7	-5	-3	-1	0	0
				C.C.17	-17	-13	-10	-7	-5	-3	-1	0	0
				C.C.18	-15	-11	-8	-5	-3	-2	-1	0	0
				C.C.19	-15	-11	-8	-5	-3	-2	-1	0	0
				C.C.20	-14	-10	-7	-5	-3	-1	0	0	0
				C.C.21	-14	-10	-7	-5	-3	-1	0	0	0
				C.C. U1	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U2	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U3	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U4	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U5	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U6	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U7	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U8	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U9	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U10	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U11	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U12	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U13	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U14	-26	-20	-15	-10	-6	-4	-2	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	210	373	461	475	415	281	72	-211	-568
				C.C.2	202	366	454	469	409	276	67	-215	-572
				C.C.3	218	380	468	481	421	286	76	-207	-565
				C.C.4	136	258	325	337	295	198	46	-160	-421
				C.C.5	162	282	347	357	313	215	61	-147	-410

				C.C.6	295	323	290	216	102	-55	-252	-489	-765
				C.C.7	220	266	250	193	98	-43	-222	-441	-700
				C.C.8	-58	56	108	120	91	22	-90	-242	-433
				C.C.9	-133	-1	69	98	86	34	-60	-194	-368
				C.C.10	350	392	417	405	354	265	140	-25	-229
				C.C.11	275	335	378	382	349	277	170	23	-164
				C.C.12	-3	125	236	309	342	342	301	222	104
				C.C.13	-78	68	196	287	338	354	331	270	169
				C.C.14	747	676	558	400	205	-37	-312	-629	-985
				C.C.15	629	585	495	365	197	-17	-264	-553	-881
				C.C.16	764	696	596	457	280	59	-195	-489	-824
				C.C.17	645	605	533	422	272	79	-147	-414	-720
				C.C.18	-428	-215	-47	81	168	220	226	195	124
				C.C.19	-547	-305	-110	46	160	240	274	270	227
				C.C.20	-412	-194	-9	137	243	316	343	334	285
				C.C.21	-530	-285	-72	102	235	336	391	409	388
				C.C. U1	218	382	471	485	423	285	73	-215	-578
				C.C. U2	201	356	441	454	398	270	72	-196	-535
				C.C. U3	204	354	435	447	389	261	65	-202	-538
				C.C. U4	211	377	469	485	426	291	81	-204	-564
				C.C. U5	194	351	439	455	401	276	81	-185	-521
				C.C. U6	191	346	432	448	394	271	79	-183	-514
				C.C. U7	236	396	480	489	422	280	63	-230	-598
				C.C. U8	220	370	450	459	397	265	63	-211	-555
				C.C. U9	235	377	450	454	388	253	48	-226	-570
				C.C. U10	213	381	474	491	433	299	90	-194	-554
				C.C. U11	197	355	443	461	408	284	90	-175	-511
				C.C. U12	196	353	440	457	406	284	93	-167	-497
				C.C. U13	212	378	468	483	423	288	77	-209	-571
				C.C. U14	195	352	438	453	398	273	77	-190	-527
<b>19</b>	<b>piano 1</b>	<b>2, 8</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-209	-160	-117	-81	-52	-29	-13	-3	0
				C.C.2	-209	-160	-117	-81	-52	-29	-13	-3	0
				C.C.3	-209	-160	-117	-81	-52	-29	-13	-3	0
				C.C.4	-155	-118	-87	-60	-39	-22	-10	-2	0
				C.C.5	-155	-118	-87	-60	-39	-22	-10	-2	0
				C.C.6	-101	-76	-55	-37	-23	-12	-4	0	0
				C.C.7	-101	-76	-55	-37	-23	-12	-4	0	0
				C.C.8	-95	-71	-50	-33	-19	-9	-3	0	0
				C.C.9	-95	-71	-50	-33	-19	-9	-3	0	0
				C.C.10	-129	-101	-76	-54	-37	-22	-11	-4	0
				C.C.11	-129	-101	-76	-54	-37	-22	-11	-4	0
				C.C.12	-123	-95	-71	-50	-33	-20	-10	-3	0
				C.C.13	-123	-95	-71	-50	-33	-20	-10	-3	0
				C.C.14	-118	-91	-68	-48	-31	-18	-9	-3	0
				C.C.15	-118	-91	-68	-48	-31	-18	-9	-3	0
				C.C.16	-127	-99	-74	-53	-35	-21	-11	-4	0
				C.C.17	-127	-99	-74	-53	-35	-21	-11	-4	0
				C.C.18	-97	-73	-52	-34	-21	-10	-3	0	0
				C.C.19	-97	-73	-52	-34	-21	-10	-3	0	0
				C.C.20	-106	-80	-58	-40	-25	-13	-5	-1	0
				C.C.21	-106	-80	-58	-40	-25	-13	-5	-1	0
				C.C. U1	-213	-163	-120	-83	-53	-30	-13	-3	0
				C.C. U2	-201	-154	-113	-79	-50	-28	-13	-3	0
				C.C. U3	-197	-151	-111	-77	-49	-28	-12	-3	0
				C.C. U4	-213	-163	-120	-83	-53	-30	-13	-3	0
				C.C. U5	-201	-154	-113	-79	-50	-28	-13	-3	0
				C.C. U6	-197	-151	-111	-77	-49	-28	-12	-3	0
				C.C. U7	-213	-163	-120	-83	-53	-30	-13	-3	0
				C.C. U8	-201	-154	-113	-79	-50	-28	-13	-3	0
				C.C. U9	-197	-151	-111	-77	-49	-28	-12	-3	0
				C.C. U10	-213	-163	-120	-83	-53	-30	-13	-3	0
				C.C. U11	-201	-154	-113	-79	-50	-28	-13	-3	0
				C.C. U12	-197	-151	-111	-77	-49	-28	-12	-3	0
				C.C. U13	-213	-163	-120	-83	-53	-30	-13	-3	0
				C.C. U14	-201	-154	-113	-79	-50	-28	-13	-3	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C.2	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C.3	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C.4	-22	-17	-12	-9	-6	-3	-1	0	0
				C.C.5	-22	-17	-12	-9	-6	-3	-1	0	0

				C.C.6	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.7	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.8	-14	-11	-8	-5	-3	-2	-1	0	0
				C.C.9	-14	-11	-8	-5	-3	-2	-1	0	0
				C.C.10	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C.11	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C.12	-17	-13	-9	-7	-4	-3	-1	0	0
				C.C.13	-17	-13	-9	-7	-4	-3	-1	0	0
				C.C.14	-17	-13	-10	-7	-5	-3	-1	0	0
				C.C.15	-17	-13	-10	-7	-5	-3	-1	0	0
				C.C.16	-18	-14	-11	-8	-5	-3	-2	-1	0
				C.C.17	-18	-14	-11	-8	-5	-3	-2	-1	0
				C.C.18	-14	-10	-7	-5	-3	-1	0	0	0
				C.C.19	-14	-10	-7	-5	-3	-1	0	0	0
				C.C.20	-15	-11	-8	-5	-3	-2	-1	0	0
				C.C.21	-15	-11	-8	-5	-3	-2	-1	0	0
				C.C. U1	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U2	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U3	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U4	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U5	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U6	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U7	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U8	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U9	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U10	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U11	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U12	-26	-20	-15	-10	-6	-4	-2	0	0
				C.C. U13	-27	-21	-15	-11	-7	-4	-2	0	0
				C.C. U14	-26	-20	-15	-10	-6	-4	-2	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-643	-656	-689	-743	-817	-912	-1028	-1164	-1321
				C.C.2	-648	-661	-694	-747	-822	-917	-1032	-1169	-1326
				C.C.3	-638	-651	-684	-738	-812	-907	-1023	-1159	-1316
				C.C.4	-474	-472	-484	-512	-555	-613	-687	-775	-879
				C.C.5	-458	-455	-468	-496	-539	-597	-670	-759	-863
				C.C.6	181	35	-118	-281	-449	-626	-810	-1091	-1310
				C.C.7	201	32	-144	-329	-520	-720	-927	-1230	-1472
				C.C.8	133	148	151	145	133	112	84	-40	-103
				C.C.9	153	145	126	96	62	19	-32	-179	-265
				C.C.10	-824	-815	-816	-829	-859	-902	-959	-942	-1008
				C.C.11	-804	-817	-841	-877	-930	-995	-1075	-1081	-1170
				C.C.12	-871	-701	-546	-403	-277	-163	-65	109	199
				C.C.13	-852	-704	-572	-451	-348	-257	-181	-30	37
				C.C.14	-121	-394	-669	-955	-1251	-1556	-1872	-2224	-2566
				C.C.15	-89	-398	-710	-1032	-1363	-1705	-2057	-2445	-2822
				C.C.16	-422	-648	-878	-1120	-1374	-1639	-1917	-2179	-2475
				C.C.17	-390	-653	-919	-1196	-1486	-1788	-2101	-2400	-2732
				C.C.18	-280	-16	229	464	689	905	1110	1279	1458
				C.C.19	-248	-21	189	387	577	756	925	1058	1202
				C.C.20	-582	-271	20	299	566	822	1065	1324	1549
				C.C.21	-550	-276	-21	223	454	673	881	1103	1293
				C.C. U1	-650	-659	-688	-739	-810	-902	-1015	-1150	-1305
				C.C. U2	-599	-597	-615	-652	-709	-786	-882	-997	-1133
				C.C. U3	-600	-606	-630	-674	-738	-820	-922	-1043	-1184
				C.C. U4	-650	-656	-684	-732	-802	-892	-1003	-1135	-1288
				C.C. U5	-599	-595	-610	-646	-701	-775	-869	-983	-1116
				C.C. U6	-600	-602	-623	-664	-724	-803	-901	-1019	-1156
				C.C. U7	-654	-665	-697	-750	-824	-919	-1034	-1171	-1329
				C.C. U8	-603	-603	-623	-663	-723	-802	-901	-1019	-1157
				C.C. U9	-606	-616	-645	-693	-760	-847	-954	-1079	-1224
				C.C. U10	-646	-646	-666	-707	-769	-852	-955	-1080	-1226
				C.C. U11	-595	-584	-592	-620	-668	-735	-822	-928	-1054
				C.C. U12	-594	-584	-593	-621	-669	-736	-822	-927	-1052
				C.C. U13	-645	-652	-679	-728	-797	-887	-999	-1131	-1284
				C.C. U14	-594	-590	-606	-641	-696	-771	-865	-979	-1112
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-651	-660	-691	-742	-814	-906	-1019	-1153	-1307
				C.C.2	-655	-665	-696	-747	-819	-911	-1024	-1158	-1312
				C.C.3	-646	-655	-686	-737	-809	-901	-1014	-1148	-1302
				C.C.4	-480	-476	-486	-512	-553	-609	-680	-767	-868
				C.C.5	-464	-459	-470	-495	-536	-592	-664	-750	-852

				C.C.6	-810	-823	-845	-880	-932	-996	-1074	-1078	-1167
				C.C.7	-830	-820	-820	-832	-862	-903	-959	-940	-1007
				C.C.8	-856	-709	-576	-455	-351	-259	-182	-30	37
				C.C.9	-876	-706	-550	-407	-280	-166	-67	108	197
				C.C.10	197	31	-142	-325	-513	-710	-915	-1217	-1455
				C.C.11	177	34	-117	-277	-442	-617	-800	-1079	-1294
				C.C.12	151	145	128	100	68	26	-23	-168	-251
				C.C.13	131	148	153	148	139	119	93	-30	-90
				C.C.14	-398	-658	-921	-1196	-1484	-1783	-2094	-2390	-2719
				C.C.15	-429	-653	-881	-1120	-1372	-1635	-1911	-2171	-2465
				C.C.16	-95	-402	-710	-1030	-1358	-1697	-2046	-2431	-2806
				C.C.17	-127	-397	-670	-954	-1246	-1550	-1863	-2213	-2551
				C.C.18	-552	-278	-22	222	453	673	881	1104	1294
				C.C.19	-584	-273	18	298	565	821	1064	1323	1548
				C.C.20	-250	-22	189	388	579	759	929	1063	1207
				C.C.21	-282	-17	229	464	690	906	1112	1281	1462
				C.C. U1	-663	-670	-699	-749	-819	-911	-1023	-1156	-1311
				C.C. U2	-611	-609	-626	-662	-718	-794	-890	-1005	-1139
				C.C. U3	-616	-622	-647	-691	-755	-838	-941	-1062	-1203
				C.C. U4	-644	-649	-675	-722	-790	-879	-989	-1119	-1271
				C.C. U5	-593	-588	-602	-636	-689	-763	-855	-968	-1100
				C.C. U6	-585	-587	-607	-647	-707	-785	-883	-1000	-1137
				C.C. U7	-661	-670	-699	-749	-821	-913	-1026	-1160	-1315
				C.C. U8	-610	-608	-626	-663	-720	-797	-893	-1008	-1144
				C.C. U9	-614	-621	-647	-693	-758	-842	-946	-1068	-1211
				C.C. U10	-654	-650	-668	-706	-766	-846	-947	-1069	-1213
				C.C. U11	-602	-589	-594	-620	-665	-730	-814	-918	-1041
				C.C. U12	-601	-588	-595	-621	-666	-730	-814	-917	-1040
				C.C. U13	-653	-657	-681	-727	-794	-882	-990	-1120	-1270
				C.C. U14	-601	-595	-608	-641	-693	-765	-857	-968	-1099
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-1103	-347	194	518	627	520	197	-342	-1097
				C.C.2	-1109	-352	188	513	622	515	192	-347	-1102
				C.C.3	-1098	-342	199	524	632	525	202	-337	-1092
				C.C.4	-761	-245	124	346	420	347	127	-241	-755
				C.C.5	-743	-227	142	364	438	365	145	-223	-738
				C.C.6	530	631	624	510	288	-42	-479	-1023	-1675
				C.C.7	521	624	619	507	288	-39	-474	-1016	-1666
				C.C.8	584	685	677	563	340	11	-427	-972	-1624
				C.C.9	575	677	673	560	340	13	-422	-965	-1615
				C.C.10	-1671	-1020	-477	-41	288	509	622	628	526
				C.C.11	-1681	-1027	-482	-43	288	511	627	635	536
				C.C.12	-1617	-966	-423	12	340	561	674	679	577
				C.C.13	-1627	-974	-428	10	340	563	679	686	587
				C.C.14	-301	-8	178	256	226	89	-155	-508	-967
				C.C.15	-316	-19	170	252	226	93	-148	-496	-952
				C.C.16	-961	-503	-152	91	226	254	175	-12	-307
				C.C.17	-976	-514	-160	87	226	258	182	-1	-292
				C.C.18	-120	172	356	433	402	263	18	-336	-797
				C.C.19	-135	160	348	429	402	267	25	-325	-782
				C.C.20	-781	-324	26	268	402	429	348	159	-136
				C.C.21	-796	-335	18	264	402	432	355	171	-121
				C.C. U1	-1148	-363	199	537	651	542	209	-348	-1128
				C.C. U2	-1079	-338	191	510	618	515	201	-324	-1060
				C.C. U3	-1048	-333	178	486	591	493	192	-313	-1020
				C.C. U4	-1157	-368	196	537	654	548	218	-336	-1114
				C.C. U5	-1088	-344	188	510	621	521	210	-312	-1045
				C.C. U6	-1062	-343	173	486	596	503	206	-293	-996
				C.C. U7	-1143	-359	201	537	650	539	204	-354	-1136
				C.C. U8	-1074	-335	193	510	616	511	196	-330	-1068
				C.C. U9	-1040	-328	180	486	588	487	184	-323	-1033
				C.C. U10	-1137	-353	207	543	656	545	210	-348	-1130
				C.C. U11	-1068	-329	199	516	622	518	202	-324	-1062
				C.C. U12	-1030	-318	191	496	598	498	194	-313	-1023
				C.C. U13	-1140	-356	204	540	653	542	207	-351	-1133
				C.C. U14	-1071	-332	196	513	619	515	199	-327	-1065
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-9	-37	-82	-146	-229	-330	-449	-586
				C.C.2	0	-9	-37	-82	-146	-229	-330	-449	-586
				C.C.3	0	-9	-37	-82	-146	-229	-330	-449	-586
				C.C.4	0	-6	-25	-56	-100	-156	-225	-306	-400

				C.C.5	0	-6	-25	-56	-100	-156	-225	-306	-400
				C.C.6	0	-11	-30	-59	-97	-144	-200	-266	-340
				C.C.7	0	-11	-30	-59	-97	-144	-200	-266	-340
				C.C.8	0	-13	-36	-67	-108	-158	-216	-284	-362
				C.C.9	0	-13	-36	-67	-108	-158	-216	-284	-362
				C.C.10	0	4	-1	-15	-38	-70	-112	-163	-222
				C.C.11	0	4	-1	-15	-38	-70	-112	-163	-222
				C.C.12	0	1	-6	-23	-49	-84	-128	-181	-244
				C.C.13	0	1	-6	-23	-49	-84	-128	-181	-244
				C.C.14	0	-2	-14	-34	-64	-103	-151	-208	-274
				C.C.15	0	-2	-14	-34	-64	-103	-151	-208	-274
				C.C.16	0	2	-5	-21	-46	-81	-124	-177	-238
				C.C.17	0	2	-5	-21	-46	-81	-124	-177	-238
				C.C.18	0	-11	-32	-61	-100	-147	-204	-270	-345
				C.C.19	0	-11	-32	-61	-100	-147	-204	-270	-345
				C.C.20	0	-7	-23	-48	-82	-125	-178	-239	-310
				C.C.21	0	-7	-23	-48	-82	-125	-178	-239	-310
				C.C. U1	0	-9	-38	-85	-152	-237	-341	-465	-607
				C.C. U2	0	-9	-36	-80	-143	-224	-322	-438	-572
				C.C. U3	0	-9	-34	-78	-138	-215	-310	-422	-551
				C.C. U4	0	-9	-38	-85	-152	-237	-341	-465	-607
				C.C. U5	0	-9	-36	-80	-143	-224	-322	-438	-572
				C.C. U6	0	-9	-34	-78	-138	-215	-310	-422	-551
				C.C. U7	0	-9	-38	-85	-152	-237	-341	-465	-607
				C.C. U8	0	-9	-36	-80	-143	-224	-322	-438	-572
				C.C. U9	0	-9	-34	-78	-138	-215	-310	-422	-551
				C.C. U10	0	-9	-38	-85	-152	-237	-341	-465	-607
				C.C. U11	0	-9	-36	-80	-143	-224	-322	-438	-572
				C.C. U12	0	-9	-34	-78	-138	-215	-310	-422	-551
				C.C. U13	0	-9	-38	-85	-152	-237	-341	-465	-607
				C.C. U14	0	-9	-36	-80	-143	-224	-322	-438	-572
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	-586	-449	-330	-229	-146	-82	-37	-9	0
				C.C.2	-586	-449	-330	-229	-146	-82	-37	-9	0
				C.C.3	-586	-449	-330	-229	-146	-82	-37	-9	0
				C.C.4	-400	-306	-225	-156	-100	-56	-25	-6	0
				C.C.5	-400	-306	-225	-156	-100	-56	-25	-6	0
				C.C.6	-222	-163	-112	-71	-38	-15	-1	4	0
				C.C.7	-222	-163	-112	-71	-38	-15	-1	4	0
				C.C.8	-244	-181	-128	-84	-49	-23	-6	1	0
				C.C.9	-244	-181	-128	-84	-49	-23	-6	1	0
				C.C.10	-340	-266	-200	-144	-97	-59	-30	-11	0
				C.C.11	-340	-266	-200	-144	-97	-59	-30	-11	0
				C.C.12	-361	-284	-216	-157	-108	-67	-36	-13	0
				C.C.13	-361	-284	-216	-157	-108	-67	-36	-13	0
				C.C.14	-239	-177	-124	-81	-46	-21	-5	2	0
				C.C.15	-239	-177	-124	-81	-46	-21	-5	2	0
				C.C.16	-274	-208	-151	-103	-64	-34	-14	-2	0
				C.C.17	-274	-208	-151	-103	-64	-34	-14	-2	0
				C.C.18	-310	-239	-178	-125	-82	-48	-23	-7	0
				C.C.19	-310	-239	-178	-125	-82	-48	-23	-7	0
				C.C.20	-345	-270	-204	-147	-100	-61	-32	-11	0
				C.C.21	-345	-270	-204	-147	-100	-61	-32	-11	0
				C.C. U1	-607	-465	-341	-237	-152	-85	-38	-9	0
				C.C. U2	-572	-438	-322	-224	-143	-80	-36	-9	0
				C.C. U3	-551	-422	-310	-215	-138	-78	-34	-9	0
				C.C. U4	-607	-465	-341	-237	-152	-85	-38	-9	0
				C.C. U5	-572	-438	-322	-224	-143	-80	-36	-9	0
				C.C. U6	-551	-422	-310	-215	-138	-78	-34	-9	0
				C.C. U7	-607	-465	-341	-237	-152	-85	-38	-9	0
				C.C. U8	-572	-438	-322	-224	-143	-80	-36	-9	0
				C.C. U9	-551	-422	-310	-215	-138	-78	-34	-9	0
				C.C. U10	-607	-465	-341	-237	-152	-85	-38	-9	0
				C.C. U11	-572	-438	-322	-224	-143	-80	-36	-9	0
				C.C. U12	-551	-422	-310	-215	-138	-78	-34	-9	0
				C.C. U13	-607	-465	-341	-237	-152	-85	-38	-9	0
				C.C. U14	-572	-438	-322	-224	-143	-80	-36	-9	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-118	-29	61	150	239	-	-	-	-
				C.C.2	-111	-25	60	145	230	-	-	-	-
				C.C.3	-126	-32	61	155	248	-	-	-	-

				C.C.4	-66	-10	45	101	157	-	-	-	-
				C.C.5	-91	-22	48	117	187	-	-	-	-
				C.C.6	-519	-238	45	325	606	-	-	-	-
				C.C.7	-662	-308	47	399	753	-	-	-	-
				C.C.8	352	195	38	-119	-276	-	-	-	-
				C.C.9	209	125	40	-44	-128	-	-	-	-
				C.C.10	-323	-148	27	202	377	-	-	-	-
				C.C.11	-466	-218	29	277	524	-	-	-	-
				C.C.12	548	285	20	-241	-504	-	-	-	-
				C.C.13	406	215	22	-167	-357	-	-	-	-
				C.C.14	-1425	-691	47	777	1511	-	-	-	-
				C.C.15	-1651	-802	50	896	1745	-	-	-	-
				C.C.16	-1366	-664	41	741	1443	-	-	-	-
				C.C.17	-1592	-775	45	859	1676	-	-	-	-
				C.C.18	1478	752	23	-701	-1428	-	-	-	-
				C.C.19	1252	641	26	-582	-1194	-	-	-	-
				C.C.20	1537	779	17	-738	-1496	-	-	-	-
				C.C.21	1311	668	21	-619	-1263	-	-	-	-
				C.C. U1	-122	-30	62	153	245	-	-	-	-
				C.C. U2	-98	-20	59	138	216	-	-	-	-
				C.C. U3	-120	-31	57	146	234	-	-	-	-
				C.C. U4	-108	-23	62	147	232	-	-	-	-
				C.C. U5	-84	-12	59	131	203	-	-	-	-
				C.C. U6	-96	-19	58	135	212	-	-	-	-
				C.C. U7	-167	-53	62	177	292	-	-	-	-
				C.C. U8	-144	-42	59	161	263	-	-	-	-
				C.C. U9	-196	-69	58	185	312	-	-	-	-
				C.C. U10	-87	10	83	129	147	-	-	-	-
				C.C. U11	-64	20	80	114	119	-	-	-	-
				C.C. U12	-63	35	92	106	72	-	-	-	-
				C.C. U13	-107	-22	62	146	231	-	-	-	-
				C.C. U14	-83	-12	59	131	202	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-121	-30	61	152	243	-	-	-	-
				C.C.2	-114	-27	60	147	234	-	-	-	-
				C.C.3	-129	-34	62	157	252	-	-	-	-
				C.C.4	-68	-11	46	103	160	-	-	-	-
				C.C.5	-94	-23	48	119	190	-	-	-	-
				C.C.6	-474	-222	30	282	534	-	-	-	-
				C.C.7	-332	-152	28	207	387	-	-	-	-
				C.C.8	398	211	22	-163	-350	-	-	-	-
				C.C.9	540	281	20	-238	-497	-	-	-	-
				C.C.10	-658	-306	48	398	750	-	-	-	-
				C.C.11	-516	-236	46	324	603	-	-	-	-
				C.C.12	215	127	40	-47	-134	-	-	-	-
				C.C.13	357	197	38	-122	-281	-	-	-	-
				C.C.14	-1597	-777	46	864	1685	-	-	-	-
				C.C.15	-1372	-666	43	746	1452	-	-	-	-
				C.C.16	-1653	-802	52	899	1749	-	-	-	-
				C.C.17	-1427	-691	48	781	1516	-	-	-	-
				C.C.18	1310	667	20	-620	-1263	-	-	-	-
				C.C.19	1535	777	16	-738	-1496	-	-	-	-
				C.C.20	1255	641	25	-585	-1198	-	-	-	-
				C.C.21	1480	752	22	-704	-1431	-	-	-	-
				C.C. U1	-137	-49	52	167	298	-	-	-	-
				C.C. U2	-113	-38	49	151	269	-	-	-	-
				C.C. U3	-143	-62	41	167	319	-	-	-	-
				C.C. U4	-108	-23	62	148	233	-	-	-	-
				C.C. U5	-84	-12	60	132	204	-	-	-	-
				C.C. U6	-94	-18	58	135	211	-	-	-	-
				C.C. U7	-171	-54	63	179	296	-	-	-	-
				C.C. U8	-147	-44	60	164	267	-	-	-	-
				C.C. U9	-199	-70	59	188	317	-	-	-	-
				C.C. U10	-90	8	83	131	151	-	-	-	-
				C.C. U11	-67	19	80	115	122	-	-	-	-
				C.C. U12	-65	34	92	107	75	-	-	-	-
				C.C. U13	-110	-24	62	149	235	-	-	-	-
				C.C. U14	-86	-13	60	133	206	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-295	-173	-52	70	192	-	-	-	-



				C.C.2	-293	-172	-51	70	191	-	-	-	-
				C.C.3	-297	-175	-52	70	192	-	-	-	-
				C.C.4	-197	-117	-38	41	121	-	-	-	-
				C.C.5	-203	-121	-40	41	123	-	-	-	-
				C.C.6	-766	-409	-53	305	662	-	-	-	-
				C.C.7	-915	-483	-52	381	812	-	-	-	-
				C.C.8	111	28	-55	-137	-220	-	-	-	-
				C.C.9	-38	-46	-55	-62	-70	-	-	-	-
				C.C.10	-253	-128	-2	122	247	-	-	-	-
				C.C.11	-401	-202	-1	197	397	-	-	-	-
				C.C.12	624	309	-5	-321	-636	-	-	-	-
				C.C.13	476	236	-4	-245	-486	-	-	-	-
				C.C.14	-1566	-799	-32	735	1502	-	-	-	-
				C.C.15	-1802	-916	-31	855	1740	-	-	-	-
				C.C.16	-1412	-715	-17	680	1378	-	-	-	-
				C.C.17	-1648	-832	-16	800	1616	-	-	-	-
				C.C.18	1357	658	-41	-740	-1439	-	-	-	-
				C.C.19	1122	541	-40	-620	-1201	-	-	-	-
				C.C.20	1511	743	-26	-795	-1564	-	-	-	-
				C.C.21	1276	625	-25	-675	-1326	-	-	-	-
				C.C. U1	-302	-177	-52	73	198	-	-	-	-
				C.C. U2	-268	-158	-49	60	170	-	-	-	-
				C.C. U3	-282	-165	-48	69	186	-	-	-	-
				C.C. U4	-288	-170	-52	66	184	-	-	-	-
				C.C. U5	-254	-152	-49	53	155	-	-	-	-
				C.C. U6	-259	-154	-48	57	162	-	-	-	-
				C.C. U7	-338	-202	-58	95	257	-	-	-	-
				C.C. U8	-304	-183	-55	82	228	-	-	-	-
				C.C. U9	-342	-206	-57	105	284	-	-	-	-
				C.C. U10	-244	-149	-54	42	137	-	-	-	-
				C.C. U11	-209	-130	-50	29	109	-	-	-	-
				C.C. U12	-185	-118	-50	17	84	-	-	-	-
				C.C. U13	-289	-171	-52	66	184	-	-	-	-
				C.C. U14	-255	-152	-49	53	156	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-293	-172	-51	70	191	-	-	-	-
				C.C.2	-291	-171	-50	70	190	-	-	-	-
				C.C.3	-295	-173	-52	70	192	-	-	-	-
				C.C.4	-195	-116	-37	41	120	-	-	-	-
				C.C.5	-201	-120	-39	41	122	-	-	-	-
				C.C.6	-406	-204	-1	200	403	-	-	-	-
				C.C.7	-258	-130	-2	125	253	-	-	-	-
				C.C.8	471	233	-4	-243	-480	-	-	-	-
				C.C.9	619	307	-5	-318	-630	-	-	-	-
				C.C.10	-906	-478	-51	377	805	-	-	-	-
				C.C.11	-758	-405	-52	302	656	-	-	-	-
				C.C.12	-29	-42	-54	-66	-78	-	-	-	-
				C.C.13	118	32	-55	-141	-227	-	-	-	-
				C.C.14	-1647	-831	-15	801	1617	-	-	-	-
				C.C.15	-1413	-714	-16	682	1380	-	-	-	-
				C.C.16	-1797	-914	-30	854	1738	-	-	-	-
				C.C.17	-1563	-797	-31	735	1501	-	-	-	-
				C.C.18	1275	625	-25	-675	-1326	-	-	-	-
				C.C.19	1510	742	-26	-795	-1563	-	-	-	-
				C.C.20	1125	543	-40	-622	-1205	-	-	-	-
				C.C.21	1360	659	-41	-741	-1442	-	-	-	-
				C.C. U1	-303	-195	-67	83	259	-	-	-	-
				C.C. U2	-268	-177	-64	71	231	-	-	-	-
				C.C. U3	-285	-196	-74	86	289	-	-	-	-
				C.C. U4	-288	-170	-52	66	184	-	-	-	-
				C.C. U5	-254	-152	-49	53	156	-	-	-	-
				C.C. U6	-261	-155	-49	57	163	-	-	-	-
				C.C. U7	-336	-200	-57	95	256	-	-	-	-
				C.C. U8	-301	-181	-54	82	228	-	-	-	-
				C.C. U9	-340	-205	-57	106	283	-	-	-	-
				C.C. U10	-242	-147	-53	42	136	-	-	-	-
				C.C. U11	-207	-128	-50	29	108	-	-	-	-
				C.C. U12	-183	-116	-50	17	83	-	-	-	-
				C.C. U13	-287	-169	-52	66	184	-	-	-	-
				C.C. U14	-253	-151	-49	53	155	-	-	-	-
30	piano 1	5	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	599	395	190	-15	-220	-	-	-	-
				C.C.2	593	396	198	0	-198	-	-	-	-
				C.C.3	605	393	181	-31	-243	-	-	-	-
				C.C.4	380	254	128	2	-124	-	-	-	-
				C.C.5	400	250	101	-49	-198	-	-	-	-
				C.C.6	850	285	-278	-838	-1400	-	-	-	-
				C.C.7	703	231	-241	-709	-1180	-	-	-	-
				C.C.8	1901	673	-562	-1790	-3020	-	-	-	-
				C.C.9	1754	618	-525	-1661	-2799	-	-	-	-
				C.C.10	-1188	-254	687	1622	2558	-	-	-	-
				C.C.11	-1335	-309	724	1750	2779	-	-	-	-
				C.C.12	-138	133	403	670	939	-	-	-	-
				C.C.13	-284	79	440	799	1159	-	-	-	-
				C.C.14	-1047	-339	381	1096	1810	-	-	-	-
				C.C.15	-1279	-426	440	1300	2160	-	-	-	-
				C.C.16	-1658	-501	670	1834	2997	-	-	-	-
				C.C.17	-1891	-588	729	2038	3347	-	-	-	-
				C.C.18	2456	952	-567	-2077	-3588	-	-	-	-
				C.C.19	2224	865	-508	-1873	-3238	-	-	-	-
				C.C.20	1845	790	-277	-1339	-2401	-	-	-	-
				C.C.21	1612	703	-219	-1135	-2051	-	-	-	-
				C.C. U1	535	357	179	0	-178	-	-	-	-
				C.C. U2	431	285	138	-9	-156	-	-	-	-
				C.C. U3	457	309	161	13	-135	-	-	-	-
				C.C. U4	537	353	172	-5	-177	-	-	-	-
				C.C. U5	433	280	131	-14	-154	-	-	-	-
				C.C. U6	460	302	150	5	-133	-	-	-	-
				C.C. U7	511	322	160	26	-76	-	-	-	-
				C.C. U8	407	250	119	17	-54	-	-	-	-
				C.C. U9	416	251	129	56	34	-	-	-	-
				C.C. U10	609	383	157	-70	-296	-	-	-	-
				C.C. U11	505	311	116	-79	-274	-	-	-	-
				C.C. U12	580	352	124	-104	-331	-	-	-	-
				C.C. U13	558	365	171	-22	-216	-	-	-	-
				C.C. U14	455	293	131	-31	-193	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	609	398	187	-24	-235	-	-	-	-
				C.C.2	603	399	195	-9	-213	-	-	-	-
				C.C.3	615	397	179	-40	-258	-	-	-	-
				C.C.4	388	257	126	-5	-136	-	-	-	-
				C.C.5	408	253	99	-56	-210	-	-	-	-
				C.C.6	-1331	-308	721	1744	2768	-	-	-	-
				C.C.7	-1186	-254	684	1615	2549	-	-	-	-
				C.C.8	-286	77	439	798	1159	-	-	-	-
				C.C.9	-140	132	402	670	940	-	-	-	-
				C.C.10	717	237	-242	-719	-1198	-	-	-	-
				C.C.11	863	291	-279	-847	-1417	-	-	-	-
				C.C.12	1763	623	-524	-1665	-2807	-	-	-	-
				C.C.13	1909	677	-561	-1793	-3027	-	-	-	-
				C.C.14	-1877	-584	723	2023	3322	-	-	-	-
				C.C.15	-1646	-498	665	1819	2975	-	-	-	-
				C.C.16	-1262	-420	434	1284	2133	-	-	-	-
				C.C.17	-1032	-334	376	1081	1785	-	-	-	-
				C.C.18	1609	702	-216	-1130	-2043	-	-	-	-
				C.C.19	1840	788	-275	-1333	-2391	-	-	-	-
				C.C.20	2224	866	-505	-1869	-3233	-	-	-	-
				C.C.21	2454	952	-564	-2072	-3581	-	-	-	-
				C.C. U1	534	349	171	0	-163	-	-	-	-
				C.C. U2	429	276	130	-9	-140	-	-	-	-
				C.C. U3	447	293	150	19	-98	-	-	-	-
				C.C. U4	585	372	159	-55	-268	-	-	-	-
				C.C. U5	481	300	118	-63	-245	-	-	-	-
				C.C. U6	533	332	130	-72	-273	-	-	-	-
				C.C. U7	521	326	157	17	-92	-	-	-	-
				C.C. U8	416	253	116	8	-69	-	-	-	-
				C.C. U9	426	254	127	47	19	-	-	-	-
				C.C. U10	619	386	154	-78	-311	-	-	-	-
				C.C. U11	515	314	113	-87	-288	-	-	-	-
				C.C. U12	589	356	122	-112	-345	-	-	-	-
				C.C. U13	568	368	169	-31	-231	-	-	-	-

				C.C. U14	464	296	128	-40	-208	-	-	-	-
--	--	--	--	----------	-----	-----	-----	-----	------	---	---	---	---

#### 4.3.12 Momento Flettente - Combinazioni SLD.

I prospetti seguenti riportano i valori del momento flettente ( $M_{xz}$ ) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 64.I

Momento Flettente ( $M_{xz}$ ) [daNm] - Combinazioni SLD													
Asta	Imp.	Fili	L [cm]	Comb.	$M_{xz_1}$	$M_{xz_2}$	$M_{xz_3}$	$M_{xz_4}$	$M_{xz_5}$	$M_{xz_6}$	$M_{xz_7}$	$M_{xz_8}$	$M_{xz_9}$
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	72	58	43	25	5	-17	-42	-69	-98
				C.C.2	68	55	40	23	4	-18	-43	-69	-99
				C.C.3	75	61	45	27	6	-16	-41	-69	-98
				C.C.4	59	51	41	28	12	-7	-29	-55	-83
				C.C.5	70	60	48	34	16	-4	-27	-53	-82
				C.C.6	489	437	382	322	258	190	118	41	-39
				C.C.7	434	388	339	286	228	166	100	30	-44
				C.C.8	523	462	397	330	260	187	111	33	-48
				C.C.9	468	413	355	294	230	164	94	22	-53
				C.C.10	-339	-301	-265	-232	-202	-175	-151	-130	-112
				C.C.11	-395	-350	-308	-268	-232	-198	-168	-141	-117
				C.C.12	-305	-277	-250	-224	-200	-178	-157	-138	-121
				C.C.13	-361	-326	-292	-260	-230	-201	-174	-149	-126
				C.C.14	176	165	150	129	103	72	36	-6	-52
				C.C.15	88	88	82	72	56	35	8	-23	-60
				C.C.16	-73	-56	-44	-37	-35	-37	-45	-57	-74
				C.C.17	-161	-134	-112	-95	-82	-75	-72	-74	-82
				C.C.18	289	246	201	156	110	63	15	-33	-83
				C.C.19	201	168	134	99	63	26	-12	-51	-91
				C.C.20	41	24	7	-10	-28	-46	-65	-85	-105
				C.C.21	-47	-54	-60	-67	-75	-83	-92	-102	-113
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-145	-138	-136	-137	-143	-152	-166	-183	-205
				C.C.2	-145	-139	-136	-137	-143	-152	-166	-184	-206
				C.C.3	-144	-138	-136	-137	-143	-152	-166	-183	-205
				C.C.4	-123	-113	-106	-105	-109	-118	-131	-150	-174
				C.C.5	-121	-111	-106	-105	-109	-118	-131	-149	-172
				C.C.6	-25	-17	-16	-20	-31	-47	-70	-98	-132
				C.C.7	-37	-28	-24	-27	-37	-52	-73	-100	-133
				C.C.8	-47	-49	-54	-64	-78	-96	-118	-145	-175
				C.C.9	-59	-59	-63	-71	-84	-101	-122	-147	-176
				C.C.10	-185	-165	-149	-139	-134	-135	-141	-153	-170
				C.C.11	-197	-175	-158	-146	-140	-139	-144	-155	-171
				C.C.12	-207	-196	-188	-183	-181	-184	-189	-199	-213
				C.C.13	-219	-206	-196	-190	-187	-188	-193	-201	-214
				C.C.14	-52	-30	-15	-9	-10	-20	-37	-62	-95
				C.C.15	-70	-46	-29	-20	-19	-27	-42	-65	-96
				C.C.16	-100	-74	-55	-44	-41	-46	-58	-79	-107
				C.C.17	-118	-90	-69	-56	-50	-53	-63	-82	-108
				C.C.18	-126	-134	-143	-154	-167	-182	-199	-218	-238
				C.C.19	-144	-150	-157	-166	-177	-189	-204	-221	-239
				C.C.20	-174	-178	-183	-190	-198	-209	-220	-234	-250
				C.C.21	-192	-194	-197	-201	-208	-216	-226	-237	-251
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-208	-188	-172	-161	-153	-149	-150	-154	-162
				C.C.2	-209	-189	-173	-161	-153	-149	-150	-154	-163
				C.C.3	-208	-188	-172	-161	-153	-149	-150	-154	-162
				C.C.4	-176	-154	-137	-124	-117	-115	-117	-125	-137
				C.C.5	-175	-153	-136	-124	-117	-114	-117	-124	-135
				C.C.6	-165	-152	-145	-144	-149	-159	-175	-196	-223
				C.C.7	-165	-150	-142	-140	-143	-152	-166	-185	-210
				C.C.8	-211	-202	-198	-198	-202	-209	-220	-235	-253
				C.C.9	-210	-200	-195	-193	-195	-201	-211	-224	-240
				C.C.10	-141	-107	-78	-55	-39	-28	-23	-25	-32
				C.C.11	-140	-105	-75	-51	-32	-20	-14	-13	-19
				C.C.12	-186	-157	-131	-109	-91	-78	-68	-63	-62
				C.C.13	-186	-155	-127	-104	-85	-70	-59	-52	-50
				C.C.14	-103	-78	-61	-52	-51	-58	-72	-94	-124

				C.C.15	-103	-75	-56	-44	-41	-45	-57	-77	-104
				C.C.16	-96	-65	-41	-26	-18	-18	-26	-43	-67
				C.C.17	-95	-62	-36	-18	-8	-6	-12	-25	-47
				C.C.18	-256	-245	-237	-231	-226	-224	-223	-223	-225
				C.C.19	-255	-242	-232	-223	-216	-211	-208	-206	-205
				C.C.20	-248	-232	-217	-204	-193	-184	-177	-172	-168
				C.C.21	-248	-229	-212	-196	-183	-172	-162	-154	-148
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-119	-83	-50	-19	10	37	61	83	103
				C.C.2	-120	-84	-50	-20	9	35	59	81	100
				C.C.3	-119	-83	-49	-18	12	39	63	86	107
				C.C.4	-100	-67	-36	-9	16	37	56	71	84
				C.C.5	-100	-65	-34	-5	20	43	63	81	95
				C.C.6	-136	-151	-170	-191	-216	-244	-274	-308	-344
				C.C.7	-131	-140	-153	-168	-187	-209	-233	-261	-291
				C.C.8	-154	-167	-182	-198	-217	-238	-260	-283	-309
				C.C.9	-149	-156	-165	-176	-188	-203	-219	-236	-255
				C.C.10	-51	24	95	162	224	283	338	388	434
				C.C.11	-46	35	112	185	253	318	379	436	488
				C.C.12	-68	9	83	155	223	289	352	413	470
				C.C.13	-63	20	100	177	252	324	394	460	524
				C.C.14	-87	-75	-68	-66	-69	-77	-89	-107	-129
				C.C.15	-79	-58	-41	-30	-23	-21	-24	-32	-44
				C.C.16	-62	-23	11	40	63	81	94	102	104
				C.C.17	-54	-5	38	76	109	137	160	177	189
				C.C.18	-146	-126	-108	-90	-73	-56	-40	-25	-10
				C.C.19	-138	-109	-81	-54	-27	-1	25	50	75
				C.C.20	-120	-74	-28	16	59	102	143	184	224
				C.C.21	-112	-57	-2	52	105	157	209	259	309
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-7	-20	-33	-49	-66	-86	-107	-129	-154
				C.C.2	-10	-22	-35	-51	-68	-86	-107	-129	-154
				C.C.3	-5	-17	-32	-48	-65	-85	-106	-129	-153
				C.C.4	-22	-27	-35	-45	-58	-73	-91	-111	-134
				C.C.5	-13	-20	-29	-40	-54	-71	-89	-110	-134
				C.C.6	74	63	49	31	10	-15	-43	-74	-110
				C.C.7	102	88	70	48	23	-6	-37	-73	-113
				C.C.8	-108	-98	-90	-85	-83	-83	-86	-92	-100
				C.C.9	-79	-73	-70	-69	-70	-74	-81	-90	-102
				C.C.10	45	26	6	-17	-42	-70	-100	-131	-165
				C.C.11	73	51	26	0	-29	-61	-94	-130	-168
				C.C.12	-137	-135	-134	-134	-135	-138	-143	-148	-155
				C.C.13	-109	-110	-113	-117	-122	-129	-138	-147	-157
				C.C.14	268	231	190	145	96	43	-14	-74	-141
				C.C.15	313	270	223	172	116	57	-5	-72	-145
				C.C.16	259	220	177	131	80	27	-31	-91	-157
				C.C.17	304	259	210	157	101	41	-23	-89	-162
				C.C.18	-338	-306	-274	-243	-213	-185	-158	-132	-106
				C.C.19	-294	-267	-241	-216	-193	-170	-149	-130	-110
				C.C.20	-347	-317	-287	-257	-229	-201	-175	-149	-123
				C.C.21	-302	-278	-254	-231	-208	-187	-167	-147	-127
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-134	-134	-136	-139	-144	-151	-160	-170	-182
				C.C.2	-134	-134	-136	-139	-144	-151	-160	-170	-183
				C.C.3	-133	-134	-135	-139	-144	-151	-160	-170	-181
				C.C.4	-120	-114	-111	-110	-112	-116	-122	-132	-143
				C.C.5	-119	-113	-110	-110	-111	-115	-121	-130	-141
				C.C.6	-73	-83	-98	-115	-136	-168	-196	-228	-263
				C.C.7	-71	-85	-103	-124	-148	-183	-215	-250	-288
				C.C.8	-101	-86	-73	-64	-58	-63	-64	-68	-76
				C.C.9	-99	-87	-78	-72	-70	-78	-82	-90	-101
				C.C.10	-141	-141	-143	-147	-153	-152	-161	-172	-183
				C.C.11	-139	-142	-148	-155	-165	-167	-180	-193	-208
				C.C.12	-168	-143	-118	-96	-75	-47	-29	-12	4
				C.C.13	-166	-145	-123	-104	-87	-63	-48	-34	-21
				C.C.14	-65	-100	-141	-184	-229	-281	-333	-388	-446
				C.C.15	-62	-103	-149	-197	-248	-305	-362	-422	-486
				C.C.16	-85	-117	-155	-193	-235	-276	-322	-371	-422
				C.C.17	-82	-120	-163	-206	-253	-300	-352	-406	-462
				C.C.18	-157	-108	-59	-13	30	69	108	144	177
				C.C.19	-154	-110	-66	-26	12	45	79	109	138
				C.C.20	-177	-125	-72	-23	25	74	118	161	201

				C.C.21	-174	-128	-80	-36	7	50	89	126	162
<b>7</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	8	-9	-28	-49	-72	-96	-122	-150	-179
				C.C.2	5	-11	-30	-50	-73	-97	-122	-150	-179
				C.C.3	11	-7	-26	-48	-70	-95	-121	-149	-179
				C.C.4	-9	-18	-30	-45	-62	-82	-104	-128	-156
				C.C.5	0	-11	-25	-40	-59	-79	-102	-127	-155
				C.C.6	84	60	31	1	-33	-69	-107	-147	-189
				C.C.7	59	38	13	-14	-44	-77	-111	-148	-187
				C.C.8	-77	-84	-94	-105	-117	-132	-148	-165	-182
				C.C.9	-103	-106	-112	-120	-129	-140	-153	-166	-180
				C.C.10	94	77	57	34	8	-21	-53	-90	-131
				C.C.11	69	55	39	19	-3	-29	-58	-91	-128
				C.C.12	-67	-67	-68	-71	-76	-84	-95	-108	-124
				C.C.13	-93	-89	-86	-86	-88	-92	-99	-109	-122
				C.C.14	284	240	192	140	84	24	-39	-105	-177
				C.C.15	243	205	162	116	66	12	-46	-106	-173
				C.C.16	287	245	200	150	96	39	-23	-88	-160
				C.C.17	246	210	170	126	78	26	-30	-89	-156
				C.C.18	-255	-240	-225	-212	-199	-187	-176	-166	-155
				C.C.19	-295	-275	-255	-236	-217	-200	-183	-168	-151
				C.C.20	-252	-235	-217	-201	-186	-173	-160	-149	-138
				C.C.21	-292	-270	-247	-225	-205	-185	-167	-151	-134
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-137	-135	-136	-138	-142	-147	-155	-164	-174
				C.C.2	-137	-135	-136	-138	-142	-148	-155	-164	-175
				C.C.3	-136	-135	-135	-138	-142	-147	-154	-163	-173
				C.C.4	-123	-116	-111	-109	-110	-113	-119	-127	-137
				C.C.5	-121	-115	-110	-109	-109	-112	-117	-125	-135
				C.C.6	-128	-134	-143	-153	-164	-178	-184	-201	-219
				C.C.7	-131	-134	-139	-145	-154	-164	-167	-181	-196
				C.C.8	-161	-142	-123	-107	-92	-78	-57	-47	-37
				C.C.9	-164	-141	-119	-99	-81	-64	-40	-27	-14
				C.C.10	-80	-89	-102	-118	-138	-161	-196	-225	-259
				C.C.11	-83	-88	-98	-111	-127	-147	-179	-205	-235
				C.C.12	-113	-97	-83	-72	-65	-61	-69	-71	-77
				C.C.13	-115	-96	-79	-65	-55	-47	-52	-50	-53
				C.C.14	-72	-110	-153	-196	-243	-292	-341	-396	-452
				C.C.15	-76	-109	-146	-185	-226	-270	-314	-364	-415
				C.C.16	-58	-97	-140	-186	-235	-287	-345	-403	-464
				C.C.17	-62	-95	-134	-174	-218	-265	-318	-371	-427
				C.C.18	-182	-135	-88	-44	-1	40	82	119	154
				C.C.19	-186	-134	-81	-32	16	62	109	151	192
				C.C.20	-168	-121	-76	-33	7	45	78	112	143
				C.C.21	-171	-120	-69	-21	24	67	106	144	180
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	17	35	52	68	82	95	107	117	126
				C.C.2	15	33	51	66	81	94	105	116	124
				C.C.3	19	37	54	70	84	96	108	118	127
				C.C.4	4	23	39	52	62	71	76	80	81
				C.C.5	12	29	44	57	67	75	81	84	85
				C.C.6	59	63	65	62	57	48	36	21	2
				C.C.7	56	59	59	56	49	39	26	10	-10
				C.C.8	126	136	142	145	143	138	129	116	99
				C.C.9	123	132	137	138	136	129	119	105	87
				C.C.10	-107	-80	-54	-29	-6	17	38	59	79
				C.C.11	-109	-84	-59	-36	-14	8	28	48	67
				C.C.12	-40	-7	23	53	80	107	131	154	175
				C.C.13	-42	-11	18	46	73	98	121	143	164
				C.C.14	-77	-70	-66	-64	-64	-65	-69	-74	-80
				C.C.15	-81	-76	-74	-74	-76	-79	-85	-91	-99
				C.C.16	-127	-113	-101	-91	-83	-75	-68	-62	-57
				C.C.17	-130	-119	-110	-101	-95	-89	-84	-80	-76
				C.C.18	147	171	192	210	224	235	241	244	242
				C.C.19	143	165	184	200	212	221	225	226	223
				C.C.20	97	128	157	183	205	225	242	255	265
				C.C.21	93	122	149	172	193	211	226	238	246
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-17	8	32	54	75	95	113	130	146
				C.C.2	-19	6	30	53	74	94	112	129	145
				C.C.3	-15	10	34	56	77	96	115	132	147
				C.C.4	-23	1	23	41	57	71	83	91	98

				C.C.5	-15	8	28	46	62	75	87	95	102
				C.C.6	-163	-127	-91	-57	-24	8	40	71	101
				C.C.7	-158	-121	-85	-50	-16	17	49	80	110
				C.C.8	-73	-36	-1	33	65	96	125	153	180
				C.C.9	-67	-30	6	40	73	104	134	162	189
				C.C.10	30	39	45	48	47	43	35	25	11
				C.C.11	35	45	52	55	55	51	44	33	20
				C.C.12	121	130	136	137	136	130	120	107	89
				C.C.13	126	136	142	145	143	138	129	116	99
				C.C.14	-203	-176	-151	-127	-105	-84	-64	-44	-25
				C.C.15	-194	-166	-140	-116	-93	-71	-50	-30	-11
				C.C.16	-145	-126	-110	-96	-84	-74	-65	-58	-52
				C.C.17	-136	-117	-99	-84	-71	-61	-52	-44	-38
				C.C.18	99	126	150	172	191	207	221	231	237
				C.C.19	107	135	161	183	203	220	234	245	252
				C.C.20	157	176	191	203	212	218	219	217	210
				C.C.21	165	185	202	215	225	231	233	231	225
11	fondazione	5, 6	80.76	(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)	
				C.C.1	107	86	63	37	8	-24	-59	-97	-138
				C.C.2	104	84	61	35	6	-25	-60	-98	-139
				C.C.3	110	89	65	38	9	-23	-58	-96	-137
				C.C.4	65	59	49	33	13	-11	-41	-75	-115
				C.C.5	75	68	55	39	18	-7	-37	-72	-111
				C.C.6	465	414	359	299	235	166	93	16	-64
				C.C.7	486	431	371	307	238	166	89	8	-75
				C.C.8	398	371	337	297	252	199	141	77	8
				C.C.9	419	387	350	305	255	199	137	69	-4
				C.C.10	-279	-261	-245	-233	-224	-217	-215	-216	-221
				C.C.11	-258	-244	-233	-225	-220	-218	-219	-223	-233
				C.C.12	-346	-304	-267	-235	-207	-184	-167	-155	-150
				C.C.13	-325	-288	-255	-227	-203	-185	-171	-163	-162
				C.C.14	277	224	169	112	53	-7	-69	-133	-199
				C.C.15	310	250	188	125	59	-7	-75	-146	-217
				C.C.16	54	21	-13	-47	-84	-122	-161	-203	-246
				C.C.17	87	47	7	-35	-78	-122	-168	-215	-265
				C.C.18	53	79	97	107	110	104	90	68	39
				C.C.19	87	105	117	120	116	103	83	56	21
				C.C.20	-170	-123	-84	-52	-28	-11	-3	-1	-8
				C.C.21	-137	-97	-65	-40	-22	-12	-9	-14	-27
12	fondazione	5, 6	91.16	(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)	
				C.C.1	-242	-227	-216	-209	-207	-209	-216	-226	-241
				C.C.2	-243	-227	-216	-209	-207	-209	-216	-227	-242
				C.C.3	-241	-227	-216	-210	-207	-209	-216	-226	-241
				C.C.4	-202	-179	-163	-153	-150	-153	-163	-179	-201
				C.C.5	-200	-179	-163	-153	-150	-153	-162	-178	-199
				C.C.6	-193	-179	-171	-168	-170	-178	-191	-208	-231
				C.C.7	-185	-173	-167	-166	-170	-180	-194	-214	-239
				C.C.8	-165	-143	-129	-123	-124	-132	-147	-170	-200
				C.C.9	-158	-138	-126	-121	-124	-134	-151	-176	-208
				C.C.10	-245	-220	-200	-186	-176	-172	-174	-180	-193
				C.C.11	-237	-214	-197	-184	-176	-174	-177	-186	-200
				C.C.12	-217	-185	-159	-141	-130	-126	-130	-142	-161
				C.C.13	-210	-179	-155	-139	-130	-128	-134	-148	-169
				C.C.14	-245	-236	-231	-227	-227	-229	-234	-242	-252
				C.C.15	-233	-228	-225	-224	-227	-232	-240	-251	-264
				C.C.16	-261	-249	-239	-233	-229	-227	-229	-233	-240
				C.C.17	-249	-240	-234	-230	-229	-231	-235	-242	-252
				C.C.18	-154	-118	-92	-77	-71	-75	-90	-114	-148
				C.C.19	-142	-109	-87	-74	-71	-79	-96	-123	-160
				C.C.20	-169	-130	-101	-82	-73	-74	-85	-105	-136
				C.C.21	-157	-121	-95	-79	-73	-77	-91	-115	-149
13	fondazione	5, 6	80.76	(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)	
				C.C.1	-131	-89	-50	-15	18	48	75	99	121
				C.C.2	-132	-90	-52	-16	17	46	73	97	118
				C.C.3	-130	-88	-49	-13	20	50	77	102	124
				C.C.4	-108	-68	-33	-3	22	43	58	70	76
				C.C.5	-104	-64	-29	1	27	49	66	78	87
				C.C.6	-235	-225	-220	-219	-221	-226	-234	-245	-258
				C.C.7	-222	-216	-216	-219	-225	-235	-247	-262	-280
				C.C.8	-160	-163	-172	-186	-205	-230	-259	-292	-330
				C.C.9	-148	-154	-167	-186	-209	-238	-271	-309	-352
				C.C.10	-64	22	105	184	258	329	395	457	515

				C.C.11	-52	30	109	184	255	321	383	440	493
				C.C.12	10	84	153	217	274	326	371	410	443
				C.C.13	23	93	158	217	270	317	358	393	421
				C.C.14	-265	-214	-165	-117	-71	-26	18	61	103
				C.C.15	-245	-200	-157	-116	-77	-39	-2	34	68
				C.C.16	-214	-140	-67	4	73	141	207	272	335
				C.C.17	-194	-126	-60	5	67	128	187	244	300
				C.C.18	-18	-6	-3	-7	-18	-37	-63	-96	-137
				C.C.19	2	7	5	-6	-24	-50	-83	-124	-172
				C.C.20	33	68	95	114	126	130	126	114	95
				C.C.21	53	81	102	115	120	117	106	87	60
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-467	-115	136	287	337	287	136	-116	-468
				C.C.2	-470	-118	133	284	334	284	132	-119	-472
				C.C.3	-464	-112	140	291	341	290	139	-113	-465
				C.C.4	-357	-91	100	214	252	213	99	-91	-358
				C.C.5	-346	-79	111	225	263	225	110	-80	-347
				C.C.6	-26	158	267	299	256	136	-60	-332	-681
				C.C.7	-68	127	246	289	256	146	-39	-301	-639
				C.C.8	-21	163	271	303	259	138	-58	-331	-680
				C.C.9	-63	132	250	292	259	149	-37	-300	-638
				C.C.10	-640	-302	-40	146	256	289	247	128	-67
				C.C.11	-682	-333	-61	136	256	300	268	160	-25
				C.C.12	-634	-297	-35	150	259	292	249	129	-66
				C.C.13	-676	-328	-56	139	259	302	270	161	-24
				C.C.14	-235	1	161	244	252	183	39	-182	-479
				C.C.15	-302	-49	127	228	252	200	72	-132	-412
				C.C.16	-419	-137	69	199	252	230	131	-44	-295
				C.C.17	-486	-187	35	182	252	246	164	6	-228
				C.C.18	-217	17	175	257	262	192	45	-178	-477
				C.C.19	-284	-33	142	240	262	209	79	-128	-410
				C.C.20	-401	-121	83	211	262	238	137	-40	-293
				C.C.21	-468	-171	50	194	262	255	171	11	-226
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	148	264	327	338	296	203	56	-142	-394
				C.C.2	143	259	323	334	293	199	53	-145	-396
				C.C.3	153	268	331	342	300	206	59	-140	-391
				C.C.4	99	187	236	246	216	147	38	-110	-297
				C.C.5	116	203	251	259	228	158	48	-101	-289
				C.C.6	218	294	332	331	289	214	99	-56	-251
				C.C.7	260	326	354	342	289	204	78	-87	-292
				C.C.8	7	140	235	290	308	287	227	128	-10
				C.C.9	50	172	256	301	309	277	207	98	-51
				C.C.10	165	218	231	204	135	27	-120	-308	-536
				C.C.11	208	250	252	215	136	17	-141	-339	-577
				C.C.12	-45	64	133	163	155	101	8	-124	-294
				C.C.13	-3	96	155	174	155	91	-12	-154	-336
				C.C.14	432	438	404	331	212	65	-122	-351	-620
				C.C.15	499	488	438	349	213	50	-154	-400	-685
				C.C.16	416	415	374	293	166	9	-188	-427	-705
				C.C.17	484	466	408	311	166	-6	-220	-476	-771
				C.C.18	-269	-75	79	194	277	311	306	265	184
				C.C.19	-201	-24	113	212	278	295	274	216	119
				C.C.20	-284	-98	49	156	231	255	240	189	99
				C.C.21	-217	-47	83	174	232	239	208	140	33
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	-2	-9	-21	-37	-58	-83	-113	-148
				C.C.2	0	-2	-9	-21	-37	-58	-83	-113	-148
				C.C.3	0	-2	-9	-21	-37	-58	-83	-113	-148
				C.C.4	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.5	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.6	0	-3	-9	-18	-32	-48	-68	-92	-119
				C.C.7	0	-3	-9	-18	-32	-48	-68	-92	-119
				C.C.8	0	-2	-8	-17	-30	-46	-66	-89	-116
				C.C.9	0	-2	-8	-17	-30	-46	-66	-89	-116
				C.C.10	0	-1	-6	-14	-26	-41	-60	-82	-108
				C.C.11	0	-1	-6	-14	-26	-41	-60	-82	-108
				C.C.12	0	-1	-5	-13	-24	-39	-58	-79	-105
				C.C.13	0	-1	-5	-13	-24	-39	-58	-79	-105
				C.C.14	0	-3	-9	-18	-31	-48	-68	-92	-119

				C.C.15	0	-3	-9	-18	-31	-48	-68	-92	-119
				C.C.16	0	-2	-8	-17	-30	-46	-66	-89	-116
				C.C.17	0	-2	-8	-17	-30	-46	-66	-89	-116
				C.C.18	0	-1	-6	-14	-26	-41	-60	-82	-108
				C.C.19	0	-1	-6	-14	-26	-41	-60	-82	-108
				C.C.20	0	-1	-5	-13	-24	-39	-58	-80	-105
				C.C.21	0	-1	-5	-13	-24	-39	-58	-80	-105
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.2	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.3	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.4	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.5	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.6	-17	-13	-9	-7	-4	-2	-1	0	0
				C.C.7	-17	-13	-9	-7	-4	-2	-1	0	0
				C.C.8	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.9	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.10	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.11	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.12	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.13	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.14	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.15	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.16	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.17	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.18	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.19	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.20	-15	-11	-8	-6	-3	-2	-1	0	0
				C.C.21	-15	-11	-8	-6	-3	-2	-1	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	149	264	327	336	294	199	52	-148	-400
				C.C.2	144	259	322	332	290	196	49	-150	-402
				C.C.3	155	269	331	341	298	203	55	-145	-398
				C.C.4	100	188	236	244	214	144	35	-114	-302
				C.C.5	117	203	250	258	226	155	45	-105	-294
				C.C.6	217	257	256	216	133	11	-150	-352	-593
				C.C.7	175	225	235	204	132	21	-130	-321	-552
				C.C.8	6	102	158	174	152	84	-23	-168	-353
				C.C.9	-37	70	136	162	151	94	-2	-137	-311
				C.C.10	254	320	350	340	289	205	82	-82	-285
				C.C.11	211	289	328	329	288	215	102	-51	-244
				C.C.12	43	166	251	298	308	278	209	102	-45
				C.C.13	0	134	230	287	307	288	229	133	-3
				C.C.14	489	469	410	311	166	-9	-224	-481	-778
				C.C.15	421	419	376	294	165	7	-192	-432	-712
				C.C.16	500	488	438	349	212	49	-154	-400	-685
				C.C.17	432	438	404	331	211	65	-122	-351	-620
				C.C.18	-215	-47	82	171	229	234	201	132	24
				C.C.19	-283	-97	48	154	228	250	234	181	89
				C.C.20	-204	-28	110	209	275	292	271	213	116
				C.C.21	-271	-78	76	191	274	308	303	262	181
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-148	-113	-83	-58	-37	-21	-9	-2	0
				C.C.2	-148	-113	-83	-58	-37	-21	-9	-2	0
				C.C.3	-148	-113	-83	-58	-37	-21	-9	-2	0
				C.C.4	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.5	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.6	-108	-82	-60	-41	-26	-14	-6	-1	0
				C.C.7	-108	-82	-60	-41	-26	-14	-6	-1	0
				C.C.8	-105	-79	-58	-39	-24	-13	-5	-1	0
				C.C.9	-105	-79	-58	-39	-24	-13	-5	-1	0
				C.C.10	-119	-92	-68	-48	-32	-18	-9	-3	0
				C.C.11	-119	-92	-68	-48	-32	-18	-9	-3	0
				C.C.12	-116	-89	-66	-46	-30	-17	-8	-2	0
				C.C.13	-116	-89	-66	-46	-30	-17	-8	-2	0
				C.C.14	-115	-89	-66	-46	-30	-17	-8	-2	0
				C.C.15	-115	-89	-66	-46	-30	-17	-8	-2	0
				C.C.16	-119	-92	-68	-48	-31	-18	-9	-3	0
				C.C.17	-119	-92	-68	-48	-31	-18	-9	-3	0
				C.C.18	-105	-80	-58	-39	-25	-13	-5	-1	0
				C.C.19	-105	-80	-58	-39	-25	-13	-5	-1	0



				C.C.20	-108	-83	-60	-41	-26	-14	-6	-1	0
				C.C.21	-108	-83	-60	-41	-26	-14	-6	-1	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.2	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.3	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.4	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.5	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.6	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.7	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.8	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.9	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.10	-17	-13	-9	-7	-4	-2	-1	0	0
				C.C.11	-17	-13	-9	-7	-4	-2	-1	0	0
				C.C.12	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.13	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.14	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.15	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.16	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.17	-17	-13	-10	-7	-4	-3	-1	0	0
				C.C.18	-15	-11	-8	-6	-3	-2	-1	0	0
				C.C.19	-15	-11	-8	-6	-3	-2	-1	0	0
				C.C.20	-15	-12	-8	-6	-4	-2	-1	0	0
				C.C.21	-15	-12	-8	-6	-4	-2	-1	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-453	-463	-487	-525	-578	-646	-728	-825	-936
				C.C.2	-457	-466	-490	-529	-582	-649	-732	-828	-940
				C.C.3	-450	-459	-483	-522	-575	-643	-725	-822	-933
				C.C.4	-341	-340	-350	-372	-404	-447	-501	-566	-642
				C.C.5	-330	-329	-339	-361	-393	-436	-490	-555	-631
				C.C.6	-99	-174	-259	-355	-462	-579	-725	-865	-1017
				C.C.7	-97	-180	-275	-380	-496	-623	-778	-928	-1089
				C.C.8	-55	-59	-75	-101	-138	-185	-261	-331	-413
				C.C.9	-52	-66	-91	-126	-172	-229	-314	-394	-485
				C.C.10	-618	-603	-599	-606	-625	-654	-677	-728	-788
				C.C.11	-616	-610	-615	-632	-659	-698	-730	-790	-860
				C.C.12	-574	-489	-415	-352	-300	-260	-213	-194	-184
				C.C.13	-571	-496	-431	-378	-335	-304	-266	-256	-256
				C.C.14	-334	-455	-588	-732	-887	-1052	-1234	-1421	-1620
				C.C.15	-329	-466	-614	-772	-942	-1122	-1318	-1521	-1734
				C.C.16	-489	-584	-690	-807	-936	-1075	-1219	-1380	-1551
				C.C.17	-485	-595	-716	-848	-990	-1144	-1304	-1480	-1666
				C.C.18	-186	-74	26	115	194	261	313	358	393
				C.C.19	-181	-85	1	75	139	192	228	259	278
				C.C.20	-341	-203	-76	40	145	239	327	400	461
				C.C.21	-337	-214	-102	0	90	169	243	300	347
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-459	-466	-488	-525	-576	-642	-722	-817	-927
				C.C.2	-462	-470	-492	-528	-580	-645	-726	-821	-930
				C.C.3	-455	-463	-485	-522	-573	-639	-719	-814	-924
				C.C.4	-345	-343	-352	-371	-402	-444	-496	-560	-634
				C.C.5	-334	-332	-341	-360	-391	-433	-485	-549	-623
				C.C.6	-621	-617	-624	-641	-670	-710	-733	-804	-875
				C.C.7	-624	-611	-608	-616	-636	-666	-680	-742	-804
				C.C.8	-579	-505	-441	-389	-348	-317	-270	-272	-273
				C.C.9	-582	-498	-426	-364	-313	-274	-218	-209	-201
				C.C.10	-97	-177	-267	-368	-480	-603	-764	-899	-1056
				C.C.11	-100	-170	-251	-343	-446	-559	-711	-837	-985
				C.C.12	-55	-64	-85	-116	-158	-210	-301	-367	-453
				C.C.13	-58	-58	-69	-91	-123	-167	-249	-304	-382
				C.C.14	-486	-596	-716	-847	-990	-1143	-1299	-1477	-1663
				C.C.15	-491	-585	-691	-808	-935	-1074	-1215	-1378	-1550
				C.C.16	-329	-464	-609	-765	-933	-1111	-1308	-1505	-1717
				C.C.17	-333	-453	-584	-726	-878	-1042	-1224	-1407	-1604
				C.C.18	-346	-222	-109	-6	85	165	243	298	346
				C.C.19	-350	-211	-83	34	139	234	327	397	459
				C.C.20	-189	-90	-1	76	142	197	234	270	292
				C.C.21	-193	-79	24	115	196	267	317	368	405
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-782	-245	138	369	446	370	141	-242	-778
				C.C.2	-786	-249	135	365	442	366	137	-246	-781

				C.C.3	-779	-242	142	372	449	373	144	-238	-774
				C.C.4	-554	-177	92	254	308	255	94	-174	-550
				C.C.5	-542	-165	104	266	320	267	106	-162	-538
				C.C.6	157	354	443	424	298	65	-276	-725	-1281
				C.C.7	156	353	442	424	298	65	-276	-724	-1280
				C.C.8	193	388	476	456	329	94	-249	-699	-1256
				C.C.9	192	388	476	456	329	94	-248	-698	-1255
				C.C.10	-1289	-730	-280	64	299	427	448	361	167
				C.C.11	-1290	-731	-280	63	299	428	448	362	167
				C.C.12	-1253	-696	-247	95	330	456	476	387	192
				C.C.13	-1254	-697	-247	95	330	457	476	388	192
				C.C.14	-390	-66	152	261	263	158	-55	-376	-804
				C.C.15	-392	-67	151	261	263	158	-55	-375	-803
				C.C.16	-824	-391	-65	153	263	267	162	-50	-370
				C.C.17	-825	-392	-66	153	263	267	163	-49	-368
				C.C.18	-271	49	262	367	365	255	37	-288	-720
				C.C.19	-272	48	261	367	365	255	38	-287	-719
				C.C.20	-705	-276	45	259	365	363	255	38	-286
				C.C.21	-706	-277	44	258	365	364	255	39	-285
<b>24</b>	<b>piano 1</b>	<b>9, 5</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	-6	-26	-58	-104	-162	-234	-318	-416
				C.C.2	0	-6	-26	-58	-104	-162	-234	-318	-416
				C.C.3	0	-6	-26	-58	-104	-162	-234	-318	-416
				C.C.4	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.5	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.6	0	-7	-23	-48	-83	-126	-179	-240	-311
				C.C.7	0	-7	-23	-48	-83	-126	-179	-240	-311
				C.C.8	0	-8	-25	-52	-87	-132	-186	-248	-320
				C.C.9	0	-8	-25	-52	-87	-132	-186	-248	-320
				C.C.10	0	-1	-11	-30	-59	-96	-143	-198	-263
				C.C.11	0	-1	-11	-30	-59	-96	-143	-198	-263
				C.C.12	0	-2	-13	-34	-63	-102	-150	-206	-272
				C.C.13	0	-2	-13	-34	-63	-102	-150	-206	-272
				C.C.14	0	-4	-16	-38	-69	-109	-158	-216	-284
				C.C.15	0	-4	-16	-38	-69	-109	-158	-216	-284
				C.C.16	0	-2	-13	-33	-62	-100	-147	-204	-269
				C.C.17	0	-2	-13	-33	-62	-100	-147	-204	-269
				C.C.18	0	-7	-24	-49	-84	-128	-181	-243	-314
				C.C.19	0	-7	-24	-49	-84	-128	-181	-243	-314
				C.C.20	0	-6	-20	-44	-77	-119	-170	-230	-300
				C.C.21	0	-6	-20	-44	-77	-119	-170	-230	-300
<b>25</b>	<b>piano 1</b>	<b>6, 10</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	-416	-318	-234	-162	-104	-58	-26	-6	0
				C.C.2	-416	-318	-234	-162	-104	-58	-26	-6	0
				C.C.3	-416	-318	-234	-162	-104	-58	-26	-6	0
				C.C.4	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.5	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.6	-263	-198	-143	-96	-59	-30	-11	-1	0
				C.C.7	-263	-198	-143	-96	-59	-30	-11	-1	0
				C.C.8	-272	-206	-150	-102	-63	-34	-13	-2	0
				C.C.9	-272	-206	-150	-102	-63	-34	-13	-2	0
				C.C.10	-311	-240	-179	-126	-83	-48	-23	-7	0
				C.C.11	-311	-240	-179	-126	-83	-48	-23	-7	0
				C.C.12	-320	-248	-186	-132	-87	-52	-25	-8	0
				C.C.13	-320	-248	-186	-132	-87	-52	-25	-8	0
				C.C.14	-269	-204	-147	-100	-62	-33	-13	-2	0
				C.C.15	-269	-204	-147	-100	-62	-33	-13	-2	0
				C.C.16	-284	-216	-158	-109	-69	-38	-16	-4	0
				C.C.17	-284	-216	-158	-109	-69	-38	-16	-4	0
				C.C.18	-300	-231	-170	-119	-77	-44	-20	-6	0
				C.C.19	-300	-231	-170	-119	-77	-44	-20	-6	0
				C.C.20	-314	-243	-181	-128	-84	-50	-24	-7	0
				C.C.21	-314	-243	-181	-128	-84	-50	-24	-7	0
<b>26</b>	<b>piano 1</b>	<b>1</b>	<b>400.00</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
				C.C.1	-83	-20	43	106	169	-	-	-	-
				C.C.2	-78	-18	43	103	163	-	-	-	-
				C.C.3	-88	-22	44	109	175	-	-	-	-
				C.C.4	-48	-8	33	74	114	-	-	-	-
				C.C.5	-65	-15	35	85	134	-	-	-	-
				C.C.6	-324	-144	36	216	395	-	-	-	-
				C.C.7	-398	-181	37	254	471	-	-	-	-

				C.C.8	179	109	39	-32	-102	-	-	-	-
				C.C.9	105	72	39	7	-26	-	-	-	-
				C.C.10	-219	-95	28	152	275	-	-	-	-
				C.C.11	-293	-132	29	190	351	-	-	-	-
				C.C.12	284	158	31	-96	-222	-	-	-	-
				C.C.13	210	121	32	-58	-147	-	-	-	-
				C.C.14	-852	-411	30	471	911	-	-	-	-
				C.C.15	-970	-470	31	531	1032	-	-	-	-
				C.C.16	-820	-396	27	451	875	-	-	-	-
				C.C.17	-939	-455	28	512	995	-	-	-	-
				C.C.18	825	432	39	-354	-747	-	-	-	-
				C.C.19	706	373	40	-293	-626	-	-	-	-
				C.C.20	856	447	37	-373	-783	-	-	-	-
				C.C.21	738	388	38	-312	-662	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-86	-21	43	108	172	-	-	-	-
				C.C.2	-81	-19	43	105	166	-	-	-	-
				C.C.3	-91	-24	44	111	178	-	-	-	-
				C.C.4	-50	-9	33	75	117	-	-	-	-
				C.C.5	-67	-16	35	86	137	-	-	-	-
				C.C.6	-316	-143	29	202	374	-	-	-	-
				C.C.7	-241	-106	28	164	299	-	-	-	-
				C.C.8	189	110	31	-48	-126	-	-	-	-
				C.C.9	263	147	30	-86	-202	-	-	-	-
				C.C.10	-381	-172	37	246	455	-	-	-	-
				C.C.11	-306	-135	37	208	379	-	-	-	-
				C.C.12	124	81	40	-3	-45	-	-	-	-
				C.C.13	198	118	39	-41	-121	-	-	-	-
				C.C.14	-949	-459	30	519	1009	-	-	-	-
				C.C.15	-831	-401	29	459	889	-	-	-	-
				C.C.16	-968	-468	32	533	1033	-	-	-	-
				C.C.17	-850	-409	31	472	913	-	-	-	-
				C.C.18	733	385	37	-312	-660	-	-	-	-
				C.C.19	850	443	36	-372	-780	-	-	-	-
				C.C.20	713	376	39	-298	-635	-	-	-	-
				C.C.21	831	434	38	-359	-755	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-209	-123	-37	49	135	-	-	-	-
				C.C.2	-207	-122	-37	49	134	-	-	-	-
				C.C.3	-210	-124	-37	49	135	-	-	-	-
				C.C.4	-143	-85	-28	30	87	-	-	-	-
				C.C.5	-147	-88	-29	30	89	-	-	-	-
				C.C.6	-506	-274	-42	190	422	-	-	-	-
				C.C.7	-582	-311	-41	229	499	-	-	-	-
				C.C.8	-18	-32	-47	-61	-75	-	-	-	-
				C.C.9	-94	-70	-46	-22	2	-	-	-	-
				C.C.10	-196	-103	-11	82	174	-	-	-	-
				C.C.11	-272	-141	-10	121	252	-	-	-	-
				C.C.12	291	138	-16	-169	-323	-	-	-	-
				C.C.13	215	100	-15	-130	-245	-	-	-	-
				C.C.14	-943	-484	-25	434	893	-	-	-	-
				C.C.15	-1064	-544	-24	496	1015	-	-	-	-
				C.C.16	-851	-433	-16	401	819	-	-	-	-
				C.C.17	-971	-493	-15	463	941	-	-	-	-
				C.C.18	681	320	-42	-403	-765	-	-	-	-
				C.C.19	560	260	-41	-341	-642	-	-	-	-
				C.C.20	774	371	-33	-436	-839	-	-	-	-
				C.C.21	653	311	-32	-374	-716	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-207	-122	-36	49	134	-	-	-	-
				C.C.2	-206	-121	-36	49	134	-	-	-	-
				C.C.3	-209	-123	-37	49	135	-	-	-	-
				C.C.4	-142	-84	-27	30	87	-	-	-	-
				C.C.5	-146	-87	-29	30	89	-	-	-	-
				C.C.6	-292	-151	-9	131	273	-	-	-	-
				C.C.7	-216	-113	-10	93	196	-	-	-	-
				C.C.8	197	91	-15	-121	-227	-	-	-	-
				C.C.9	273	129	-15	-160	-304	-	-	-	-
				C.C.10	-560	-300	-41	219	479	-	-	-	-
				C.C.11	-485	-263	-41	180	402	-	-	-	-

				C.C.12	-71	-59	-46	-33	-20	-	-	-	-
				C.C.13	4	-21	-47	-72	-97	-	-	-	-
				C.C.14	-978	-496	-14	468	950	-	-	-	-
				C.C.15	-858	-437	-15	406	828	-	-	-	-
				C.C.16	-1059	-541	-24	494	1012	-	-	-	-
				C.C.17	-939	-482	-25	433	890	-	-	-	-
				C.C.18	651	310	-31	-373	-714	-	-	-	-
				C.C.19	771	369	-32	-434	-836	-	-	-	-
				C.C.20	571	265	-41	-346	-652	-	-	-	-
				C.C.21	691	324	-42	-408	-774	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	422	277	131	-14	-160	-	-	-	-
				C.C.2	418	278	137	-4	-145	-	-	-	-
				C.C.3	426	276	126	-24	-175	-	-	-	-
				C.C.4	276	183	90	-3	-96	-	-	-	-
				C.C.5	290	181	72	-37	-145	-	-	-	-
				C.C.6	524	202	-119	-440	-761	-	-	-	-
				C.C.7	458	178	-102	-381	-661	-	-	-	-
				C.C.8	1056	394	-269	-931	-1594	-	-	-	-
				C.C.9	990	370	-252	-873	-1494	-	-	-	-
				C.C.10	-424	-6	414	834	1253	-	-	-	-
				C.C.11	-490	-30	431	892	1353	-	-	-	-
				C.C.12	108	187	264	342	421	-	-	-	-
				C.C.13	42	162	281	401	521	-	-	-	-
				C.C.14	-409	-88	238	562	886	-	-	-	-
				C.C.15	-514	-127	265	655	1044	-	-	-	-
				C.C.16	-694	-150	398	944	1490	-	-	-	-
				C.C.17	-798	-189	425	1037	1649	-	-	-	-
				C.C.18	1364	553	-263	-1076	-1890	-	-	-	-
				C.C.19	1259	514	-236	-983	-1731	-	-	-	-
				C.C.20	1080	491	-103	-694	-1285	-	-	-	-
				C.C.21	975	452	-76	-601	-1126	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	429	279	129	-21	-171	-	-	-	-
				C.C.2	425	280	135	-11	-156	-	-	-	-
				C.C.3	433	279	124	-31	-186	-	-	-	-
				C.C.4	282	185	89	-8	-104	-	-	-	-
				C.C.5	295	183	71	-42	-154	-	-	-	-
				C.C.6	-500	-36	431	896	1362	-	-	-	-
				C.C.7	-435	-11	414	838	1262	-	-	-	-
				C.C.8	23	155	285	416	548	-	-	-	-
				C.C.9	88	179	268	358	448	-	-	-	-
				C.C.10	489	189	-109	-407	-706	-	-	-	-
				C.C.11	554	214	-126	-466	-806	-	-	-	-
				C.C.12	1012	380	-254	-887	-1520	-	-	-	-
				C.C.13	1077	404	-271	-945	-1620	-	-	-	-
				C.C.14	-784	-186	417	1017	1617	-	-	-	-
				C.C.15	-680	-148	390	924	1459	-	-	-	-
				C.C.16	-487	-118	255	626	996	-	-	-	-
				C.C.17	-383	-80	228	533	839	-	-	-	-
				C.C.18	960	448	-68	-582	-1097	-	-	-	-
				C.C.19	1064	487	-95	-675	-1254	-	-	-	-
				C.C.20	1257	516	-230	-974	-1717	-	-	-	-
				C.C.21	1361	554	-257	-1066	-1875	-	-	-	-

#### 4.3.13 Momento Flettente - Combinazioni SLE Caratteristiche.

I prospetti seguenti riportano i valori del momento flettente (Mxz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 65.I

Momento Flettente (Mxz) [daNm] - Combinazioni SLE Caratteristiche													
Asta	Imp.	Fili	L [cm]	Comb.	Mxz <sub>1</sub>	Mxz <sub>2</sub>	Mxz <sub>3</sub>	Mxz <sub>4</sub>	Mxz <sub>5</sub>	Mxz <sub>6</sub>	Mxz <sub>7</sub>	Mxz <sub>8</sub>	Mxz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	67	54	39	22	3	-19	-43	-70	-99
				C.C.2	76	62	46	28	7	-16	-41	-68	-98
				C.C.3	56	49	39	26	10	-9	-30	-55	-83

				C.C.4	72	62	50	35	18	-3	-26	-52	-82
				C.C. U1	70	57	41	24	4	-19	-43	-70	-100
				C.C. U2	64	53	40	23	5	-16	-40	-66	-95
				C.C. U3	70	58	44	27	8	-14	-38	-65	-94
				C.C. U4	67	55	40	24	5	-17	-41	-67	-97
				C.C. U5	49	38	25	9	-8	-28	-51	-75	-102
				C.C. U6	44	35	23	9	-7	-26	-47	-71	-98
				C.C. U7	36	28	17	4	-12	-30	-50	-73	-99
				C.C. U8	46	36	24	10	-7	-26	-48	-72	-99
				C.C. U9	64	51	37	20	1	-21	-45	-71	-100
				C.C. U10	58	48	35	20	2	-18	-41	-67	-95
				C.C. U11	60	50	37	21	4	-17	-40	-66	-95
				C.C. U12	60	49	36	20	2	-19	-42	-68	-97
				C.C. U13	68	55	39	21	1	-21	-45	-72	-101
				C.C. U14	63	51	37	21	2	-19	-42	-68	-97
				C.C. U15	67	55	40	23	4	-17	-41	-68	-97
				C.C. U16	65	53	38	21	2	-19	-43	-69	-98
				C.C. U17	79	65	48	29	8	-15	-41	-69	-99
				C.C. U18	80	67	51	33	12	-11	-36	-64	-94
				C.C. U19	80	66	51	33	13	-10	-35	-63	-94
				C.C. U20	76	63	47	29	9	-13	-38	-66	-96
				C.C. U21	59	46	32	15	-4	-25	-48	-74	-102
				C.C. U22	60	48	35	19	0	-20	-43	-69	-96
				C.C. U23	46	36	24	9	-7	-26	-48	-72	-98
				C.C. U24	56	44	31	15	-3	-23	-46	-71	-98
				C.C. U25	73	59	44	26	5	-17	-42	-69	-99
				C.C. U26	74	61	46	29	10	-13	-37	-64	-94
				C.C. U27	69	58	44	27	8	-14	-38	-64	-94
				C.C. U28	70	57	43	26	6	-15	-40	-67	-96
				C.C. U29	78	63	46	27	6	-17	-43	-70	-100
				C.C. U30	78	65	49	30	10	-13	-38	-65	-95
				C.C. U31	77	63	47	29	9	-14	-39	-66	-96
				C.C. U32	74	61	45	27	7	-16	-40	-68	-97
				C.C. U33	66	53	38	21	1	-21	-45	-72	-101
				C.C. U34	61	50	36	20	2	-18	-42	-68	-96
				C.C. U35	63	51	37	21	2	-19	-43	-69	-98
				C.C. U36	75	61	45	26	5	-17	-43	-70	-100
				C.C. U37	76	63	47	30	10	-13	-38	-65	-95
				C.C. U38	72	59	44	26	7	-16	-40	-67	-97
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-146	-139	-137	-138	-143	-153	-167	-184	-206
				C.C.2	-143	-137	-135	-137	-142	-152	-165	-183	-204
				C.C.3	-124	-114	-107	-106	-110	-119	-133	-151	-175
				C.C.4	-120	-110	-105	-104	-108	-116	-130	-148	-171
				C.C. U1	-147	-141	-138	-140	-145	-155	-169	-187	-209
				C.C. U2	-141	-133	-130	-130	-135	-145	-159	-177	-200
				C.C. U3	-139	-131	-128	-128	-133	-143	-157	-175	-198
				C.C. U4	-143	-136	-133	-134	-139	-148	-162	-181	-203
				C.C. U5	-153	-146	-144	-145	-150	-160	-173	-191	-212
				C.C. U6	-147	-139	-135	-136	-141	-150	-163	-181	-203
				C.C. U7	-149	-141	-137	-137	-142	-151	-164	-182	-204
				C.C. U8	-149	-142	-138	-139	-144	-153	-167	-185	-207
				C.C. U9	-147	-140	-137	-139	-144	-153	-167	-185	-207
				C.C. U10	-142	-133	-129	-129	-134	-143	-157	-176	-198
				C.C. U11	-140	-131	-127	-127	-131	-141	-154	-173	-196
				C.C. U12	-144	-136	-132	-133	-138	-147	-161	-179	-202
				C.C. U13	-151	-145	-143	-145	-150	-160	-174	-192	-213
				C.C. U14	-145	-138	-134	-136	-141	-150	-164	-182	-204
				C.C. U15	-145	-138	-136	-137	-142	-152	-166	-184	-206
				C.C. U16	-147	-140	-137	-139	-144	-154	-168	-186	-208
				C.C. U17	-144	-138	-136	-138	-144	-153	-167	-185	-207
				C.C. U18	-137	-130	-127	-128	-133	-143	-156	-174	-196
				C.C. U19	-136	-129	-126	-127	-132	-142	-155	-173	-196
				C.C. U20	-141	-134	-131	-132	-137	-147	-161	-179	-201
				C.C. U21	-150	-144	-142	-143	-149	-158	-171	-189	-210
				C.C. U22	-143	-136	-132	-133	-138	-147	-161	-178	-200
				C.C. U23	-146	-139	-135	-136	-141	-150	-163	-180	-202
				C.C. U24	-147	-140	-137	-138	-143	-152	-165	-183	-204
				C.C. U25	-145	-138	-136	-137	-143	-152	-166	-183	-205
				C.C. U26	-137	-130	-126	-127	-132	-141	-155	-172	-195
				C.C. U27	-137	-129	-125	-125	-130	-139	-153	-171	-193
				C.C. U28	-141	-134	-130	-131	-136	-146	-159	-177	-199

				C.C. U29	-148	-143	-141	-143	-149	-159	-172	-190	-211
				C.C. U30	-140	-134	-132	-133	-138	-148	-161	-179	-201
				C.C. U31	-142	-136	-134	-135	-141	-151	-164	-182	-203
				C.C. U32	-144	-138	-136	-137	-143	-152	-166	-184	-205
				C.C. U33	-149	-143	-140	-142	-147	-157	-171	-188	-210
				C.C. U34	-143	-135	-132	-133	-138	-147	-161	-179	-202
				C.C. U35	-145	-138	-135	-136	-141	-151	-164	-182	-205
				C.C. U36	-146	-141	-139	-140	-146	-156	-169	-187	-208
				C.C. U37	-139	-132	-129	-130	-135	-145	-158	-176	-198
				C.C. U38	-143	-136	-133	-134	-140	-149	-163	-181	-203
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-209	-189	-173	-161	-154	-150	-151	-155	-164
				C.C.2	-207	-187	-172	-160	-152	-149	-149	-153	-161
				C.C.3	-177	-155	-138	-125	-118	-116	-118	-126	-138
				C.C.4	-174	-152	-135	-123	-116	-113	-116	-122	-134
				C.C. U1	-212	-192	-176	-164	-156	-153	-154	-158	-167
				C.C. U2	-203	-182	-165	-154	-146	-143	-144	-150	-160
				C.C. U3	-201	-180	-164	-152	-145	-142	-143	-149	-159
				C.C. U4	-206	-185	-169	-157	-150	-147	-148	-153	-163
				C.C. U5	-214	-194	-178	-165	-157	-153	-153	-157	-165
				C.C. U6	-205	-184	-167	-155	-147	-143	-144	-149	-158
				C.C. U7	-205	-184	-167	-154	-146	-142	-143	-147	-156
				C.C. U8	-209	-188	-171	-159	-151	-147	-147	-152	-161
				C.C. U9	-210	-190	-174	-162	-154	-150	-151	-156	-165
				C.C. U10	-201	-180	-163	-151	-144	-141	-142	-148	-158
				C.C. U11	-198	-177	-160	-148	-141	-138	-139	-145	-156
				C.C. U12	-205	-183	-167	-155	-147	-144	-145	-151	-160
				C.C. U13	-217	-197	-181	-169	-161	-157	-157	-161	-169
				C.C. U14	-208	-187	-171	-159	-151	-147	-148	-153	-162
				C.C. U15	-209	-189	-172	-161	-153	-149	-150	-154	-162
				C.C. U16	-211	-190	-174	-162	-155	-151	-151	-156	-164
				C.C. U17	-210	-190	-174	-163	-155	-152	-152	-156	-164
				C.C. U18	-199	-179	-163	-151	-144	-141	-142	-147	-156
				C.C. U19	-199	-178	-162	-151	-143	-140	-142	-147	-157
				C.C. U20	-204	-184	-168	-156	-148	-145	-146	-151	-160
				C.C. U21	-212	-192	-176	-164	-156	-152	-152	-155	-163
				C.C. U22	-202	-181	-165	-153	-145	-141	-141	-145	-154
				C.C. U23	-203	-182	-165	-153	-145	-141	-141	-145	-154
				C.C. U24	-206	-186	-169	-157	-149	-145	-146	-150	-158
				C.C. U25	-208	-188	-172	-160	-153	-149	-149	-154	-162
				C.C. U26	-197	-177	-161	-149	-141	-138	-139	-144	-153
				C.C. U27	-196	-175	-159	-147	-139	-136	-137	-143	-153
				C.C. U28	-202	-182	-165	-154	-146	-143	-143	-148	-158
				C.C. U29	-214	-195	-179	-168	-160	-156	-156	-159	-166
				C.C. U30	-204	-184	-168	-156	-149	-145	-145	-149	-158
				C.C. U31	-207	-187	-171	-159	-151	-148	-148	-152	-160
				C.C. U32	-209	-189	-173	-161	-153	-149	-150	-154	-162
				C.C. U33	-214	-193	-177	-166	-158	-154	-154	-159	-167
				C.C. U34	-204	-184	-167	-155	-147	-144	-145	-150	-160
				C.C. U35	-208	-187	-171	-159	-151	-148	-148	-153	-162
				C.C. U36	-211	-192	-176	-164	-156	-153	-153	-157	-164
				C.C. U37	-201	-181	-165	-153	-145	-142	-142	-147	-155
				C.C. U38	-206	-185	-169	-157	-150	-146	-147	-151	-160
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-120	-84	-51	-20	8	34	58	80	99
				C.C.2	-119	-83	-49	-17	12	40	65	87	108
				C.C.3	-101	-67	-37	-10	15	36	54	70	82
				C.C.4	-99	-64	-33	-4	22	45	65	83	97
				C.C. U1	-122	-87	-54	-24	4	29	53	73	92
				C.C. U2	-117	-82	-51	-22	5	29	50	69	85
				C.C. U3	-116	-82	-51	-22	4	28	49	68	84
				C.C. U4	-118	-84	-52	-22	5	29	51	71	88
				C.C. U5	-121	-84	-50	-18	12	39	64	87	108
				C.C. U6	-116	-80	-46	-16	13	38	62	82	101
				C.C. U7	-115	-78	-43	-12	18	44	69	90	110
				C.C. U8	-117	-81	-47	-16	13	39	63	84	103
				C.C. U9	-121	-85	-52	-22	7	32	56	77	95
				C.C. U10	-115	-80	-48	-19	7	31	53	72	88
				C.C. U11	-114	-79	-47	-18	9	33	54	73	89
				C.C. U12	-117	-82	-50	-20	7	32	54	74	91
				C.C. U13	-123	-87	-53	-22	7	34	58	81	101
				C.C. U14	-117	-82	-50	-20	8	33	56	76	94

				C.C. U15	-118	-82	-49	-19	9	35	59	80	99
				C.C. U16	-119	-84	-51	-20	8	33	57	78	97
				C.C. U17	-121	-85	-52	-21	8	35	59	81	101
				C.C. U18	-115	-79	-46	-16	12	38	61	82	100
				C.C. U19	-115	-80	-48	-18	9	33	56	75	93
				C.C. U20	-117	-82	-49	-19	9	34	57	78	97
				C.C. U21	-120	-83	-47	-15	16	44	71	95	117
				C.C. U22	-114	-77	-42	-10	20	47	72	95	116
				C.C. U23	-114	-76	-41	-8	22	50	75	98	119
				C.C. U24	-116	-79	-45	-13	17	44	69	92	112
				C.C. U25	-120	-83	-50	-18	11	38	62	84	105
				C.C. U26	-114	-78	-44	-14	15	40	64	85	104
				C.C. U27	-113	-78	-45	-14	13	38	61	81	99
				C.C. U28	-116	-80	-47	-16	12	37	61	81	100
				C.C. U29	-122	-85	-51	-19	11	39	65	88	110
				C.C. U30	-116	-80	-46	-14	15	42	66	89	109
				C.C. U31	-117	-81	-47	-15	14	40	65	88	108
				C.C. U32	-118	-82	-48	-17	12	39	63	86	106
				C.C. U33	-122	-86	-53	-22	7	33	57	79	98
				C.C. U34	-116	-82	-49	-20	8	32	54	74	91
				C.C. U35	-118	-83	-50	-20	7	33	55	76	94
				C.C. U36	-121	-85	-50	-19	11	38	63	87	108
				C.C. U37	-115	-79	-45	-14	15	41	65	87	106
				C.C. U38	-117	-81	-48	-17	12	38	62	84	103
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-11	-23	-36	-51	-68	-87	-107	-130	-154
				C.C.2	-3	-16	-31	-47	-65	-84	-106	-129	-153
				C.C.3	-24	-29	-37	-47	-59	-74	-92	-112	-134
				C.C.4	-11	-18	-27	-39	-53	-70	-88	-110	-133
				C.C. U1	-11	-23	-36	-52	-69	-88	-109	-131	-156
				C.C. U2	-16	-26	-38	-51	-67	-85	-105	-126	-150
				C.C. U3	-11	-22	-34	-48	-65	-83	-103	-126	-150
				C.C. U4	-16	-26	-39	-52	-68	-86	-106	-128	-151
				C.C. U5	-13	-25	-39	-54	-71	-90	-110	-132	-156
				C.C. U6	-19	-29	-40	-54	-69	-87	-106	-127	-151
				C.C. U7	-16	-26	-38	-52	-68	-86	-106	-127	-151
				C.C. U8	-19	-29	-41	-55	-70	-88	-107	-129	-152
				C.C. U9	1	-13	-28	-45	-64	-84	-107	-131	-157
				C.C. U10	-5	-16	-29	-44	-62	-81	-102	-126	-151
				C.C. U11	7	-5	-20	-37	-56	-77	-100	-125	-152
				C.C. U12	-5	-17	-30	-46	-63	-82	-104	-127	-153
				C.C. U13	-37	-45	-56	-68	-82	-98	-115	-134	-155
				C.C. U14	-42	-49	-57	-68	-80	-94	-111	-129	-149
				C.C. U15	-55	-60	-67	-76	-86	-99	-113	-130	-148
				C.C. U16	-42	-49	-58	-69	-81	-96	-112	-130	-150
				C.C. U17	-3	-16	-31	-47	-65	-85	-107	-130	-155
				C.C. U18	-3	-15	-28	-44	-61	-80	-101	-124	-149
				C.C. U19	-3	-15	-28	-44	-61	-80	-101	-124	-149
				C.C. U20	-9	-20	-33	-48	-65	-83	-104	-126	-151
				C.C. U21	-6	-19	-33	-49	-67	-87	-108	-131	-156
				C.C. U22	-6	-17	-31	-46	-63	-82	-103	-125	-149
				C.C. U23	-8	-19	-33	-48	-64	-83	-104	-126	-150
				C.C. U24	-11	-23	-35	-50	-67	-85	-105	-127	-151
				C.C. U25	8	-6	-22	-40	-60	-81	-105	-130	-156
				C.C. U26	8	-5	-20	-37	-56	-76	-99	-124	-150
				C.C. U27	15	1	-14	-32	-52	-74	-98	-123	-151
				C.C. U28	3	-10	-25	-41	-59	-80	-102	-126	-152
				C.C. U29	-29	-39	-50	-64	-78	-95	-113	-133	-154
				C.C. U30	-29	-38	-48	-60	-74	-90	-107	-127	-148
				C.C. U31	-47	-53	-61	-71	-83	-96	-111	-128	-147
				C.C. U32	-35	-43	-53	-64	-78	-93	-110	-129	-150
				C.C. U33	-14	-26	-39	-54	-71	-89	-110	-132	-156
				C.C. U34	-20	-29	-40	-54	-69	-86	-105	-127	-150
				C.C. U35	-20	-30	-41	-55	-70	-88	-107	-128	-151
				C.C. U36	-6	-19	-33	-49	-67	-87	-108	-130	-155
				C.C. U37	-7	-18	-31	-46	-63	-82	-102	-124	-149
				C.C. U38	-12	-23	-36	-50	-67	-85	-105	-127	-150
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-134	-134	-136	-140	-145	-152	-161	-171	-183
				C.C.2	-133	-133	-135	-139	-144	-151	-159	-169	-181
				C.C.3	-121	-115	-112	-111	-112	-117	-123	-133	-144
				C.C.4	-119	-113	-110	-109	-110	-114	-121	-129	-140

				C.C. U1	-136	-136	-138	-141	-147	-154	-163	-173	-185
				C.C. U2	-132	-130	-131	-133	-137	-144	-152	-162	-174
				C.C. U3	-131	-130	-131	-133	-138	-145	-153	-163	-176
				C.C. U4	-134	-132	-132	-133	-137	-143	-150	-159	-171
				C.C. U5	-137	-137	-138	-141	-146	-152	-160	-170	-181
				C.C. U6	-133	-131	-131	-133	-136	-142	-150	-159	-170
				C.C. U7	-133	-131	-131	-133	-137	-142	-150	-159	-170
				C.C. U8	-135	-133	-132	-133	-136	-141	-148	-157	-167
				C.C. U9	-135	-137	-140	-145	-152	-161	-171	-184	-197
				C.C. U10	-131	-131	-133	-137	-143	-151	-161	-172	-186
				C.C. U11	-129	-131	-134	-140	-147	-157	-168	-181	-196
				C.C. U12	-133	-132	-134	-137	-143	-150	-159	-170	-183
				C.C. U13	-139	-137	-136	-138	-140	-145	-151	-159	-168
				C.C. U14	-136	-132	-129	-129	-131	-135	-140	-148	-157
				C.C. U15	-137	-132	-128	-127	-127	-130	-134	-140	-148
				C.C. U16	-137	-133	-130	-130	-131	-134	-139	-146	-154
				C.C. U17	-135	-135	-137	-140	-146	-152	-161	-171	-182
				C.C. U18	-130	-128	-129	-131	-135	-141	-149	-158	-170
				C.C. U19	-130	-129	-130	-132	-137	-143	-151	-161	-173
				C.C. U20	-133	-131	-131	-132	-136	-141	-148	-157	-168
				C.C. U21	-136	-136	-137	-140	-145	-151	-159	-168	-179
				C.C. U22	-131	-129	-129	-131	-134	-140	-147	-156	-166
				C.C. U23	-132	-130	-130	-132	-135	-141	-148	-157	-167
				C.C. U24	-134	-131	-131	-132	-135	-140	-146	-155	-165
				C.C. U25	-134	-135	-139	-144	-151	-160	-170	-182	-195
				C.C. U26	-129	-129	-131	-135	-141	-148	-158	-169	-182
				C.C. U27	-128	-130	-133	-139	-146	-155	-166	-179	-194
				C.C. U28	-131	-131	-133	-136	-141	-149	-157	-168	-181
				C.C. U29	-138	-136	-135	-137	-139	-144	-149	-157	-166
				C.C. U30	-133	-130	-128	-127	-129	-132	-138	-144	-153
				C.C. U31	-136	-131	-127	-126	-126	-128	-132	-138	-146
				C.C. U32	-136	-132	-129	-129	-130	-132	-137	-143	-152
				C.C. U33	-137	-136	-137	-140	-145	-152	-160	-169	-181
				C.C. U34	-133	-131	-130	-132	-136	-141	-149	-158	-170
				C.C. U35	-135	-132	-131	-132	-136	-141	-147	-156	-167
				C.C. U36	-135	-135	-136	-139	-144	-150	-158	-167	-178
				C.C. U37	-131	-129	-128	-130	-134	-139	-146	-155	-166
				C.C. U38	-133	-131	-130	-131	-134	-139	-146	-154	-164
7	fondazione	2, 4	60.00	(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)	
				C.C.1	4	-12	-31	-51	-73	-97	-123	-150	-180
				C.C.2	12	-6	-26	-47	-70	-95	-121	-149	-179
				C.C.3	-10	-20	-32	-46	-63	-83	-105	-129	-156
				C.C.4	2	-10	-23	-39	-58	-78	-101	-127	-155
				C.C. U1	17	-2	-22	-44	-68	-94	-122	-151	-183
				C.C. U2	11	-5	-24	-44	-66	-90	-117	-145	-176
				C.C. U3	23	5	-14	-36	-60	-86	-114	-144	-176
				C.C. U4	11	-6	-24	-45	-67	-92	-118	-147	-177
				C.C. U5	2	-15	-33	-54	-75	-99	-125	-152	-181
				C.C. U6	-5	-19	-35	-53	-73	-95	-120	-146	-174
				C.C. U7	-2	-17	-33	-52	-72	-94	-119	-145	-174
				C.C. U8	-4	-19	-36	-54	-75	-97	-121	-148	-176
				C.C. U9	15	-3	-23	-45	-69	-95	-122	-152	-183
				C.C. U10	9	-7	-25	-45	-67	-91	-117	-145	-176
				C.C. U11	20	3	-16	-38	-61	-87	-115	-144	-176
				C.C. U12	9	-7	-25	-46	-68	-92	-119	-147	-177
				C.C. U13	-18	-33	-49	-66	-86	-107	-130	-155	-181
				C.C. U14	-24	-36	-50	-66	-84	-103	-125	-149	-174
				C.C. U15	-36	-46	-59	-73	-89	-108	-128	-150	-174
				C.C. U16	-24	-37	-51	-67	-85	-105	-127	-150	-176
				C.C. U17	24	5	-17	-40	-65	-92	-120	-150	-182
				C.C. U18	23	5	-15	-37	-61	-86	-114	-143	-174
				C.C. U19	31	12	-9	-32	-57	-84	-112	-143	-175
				C.C. U20	18	1	-19	-41	-64	-89	-117	-146	-176
				C.C. U21	9	-9	-28	-49	-72	-97	-123	-151	-180
				C.C. U22	8	-8	-26	-46	-68	-91	-117	-144	-173
				C.C. U23	5	-11	-28	-47	-69	-92	-117	-144	-173
				C.C. U24	3	-13	-30	-50	-71	-94	-119	-146	-175
				C.C. U25	23	3	-18	-41	-66	-92	-120	-150	-182
				C.C. U26	21	4	-16	-38	-61	-87	-114	-143	-174
				C.C. U27	28	9	-11	-34	-58	-84	-113	-143	-175
				C.C. U28	17	-1	-20	-42	-65	-90	-117	-146	-177
				C.C. U29	-11	-26	-43	-62	-83	-105	-128	-153	-180



				C.C. U30	-12	-26	-42	-59	-78	-99	-122	-146	-173
				C.C. U31	-28	-40	-54	-69	-86	-105	-126	-148	-173
				C.C. U32	-17	-30	-46	-63	-82	-102	-125	-149	-175
				C.C. U33	2	-15	-33	-53	-76	-99	-125	-152	-182
				C.C. U34	-4	-18	-35	-53	-73	-96	-120	-146	-175
				C.C. U35	-4	-19	-35	-54	-75	-97	-122	-148	-176
				C.C. U36	10	-8	-28	-49	-72	-97	-123	-151	-181
				C.C. U37	8	-8	-26	-46	-68	-91	-117	-144	-173
				C.C. U38	4	-12	-30	-50	-71	-95	-120	-147	-176
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-137	-136	-136	-138	-142	-148	-156	-165	-176
				C.C.2	-136	-135	-135	-137	-141	-147	-154	-162	-173
				C.C.3	-123	-116	-112	-110	-111	-114	-120	-128	-139
				C.C.4	-121	-114	-110	-108	-108	-111	-116	-124	-134
				C.C. U1	-137	-137	-139	-143	-149	-156	-165	-176	-189
				C.C. U2	-133	-131	-132	-135	-140	-146	-155	-166	-178
				C.C. U3	-131	-131	-133	-137	-143	-151	-162	-173	-187
				C.C. U4	-134	-133	-133	-135	-140	-146	-154	-164	-175
				C.C. U5	-139	-137	-137	-139	-142	-148	-155	-163	-174
				C.C. U6	-135	-131	-130	-131	-133	-138	-144	-153	-163
				C.C. U7	-134	-131	-129	-130	-133	-137	-143	-152	-162
				C.C. U8	-137	-133	-131	-131	-133	-137	-143	-151	-160
				C.C. U9	-137	-137	-140	-144	-150	-157	-166	-177	-190
				C.C. U10	-133	-132	-133	-135	-140	-147	-156	-167	-180
				C.C. U11	-131	-131	-134	-138	-144	-153	-163	-175	-189
				C.C. U12	-135	-133	-134	-136	-140	-147	-155	-165	-176
				C.C. U13	-143	-139	-137	-137	-139	-142	-147	-153	-162
				C.C. U14	-139	-133	-130	-129	-129	-132	-136	-143	-151
				C.C. U15	-140	-134	-129	-127	-126	-127	-130	-135	-142
				C.C. U16	-140	-135	-131	-129	-129	-131	-135	-141	-148
				C.C. U17	-136	-136	-138	-142	-148	-155	-163	-174	-186
				C.C. U18	-131	-130	-130	-133	-137	-144	-152	-162	-173
				C.C. U19	-129	-130	-132	-136	-142	-150	-160	-171	-184
				C.C. U20	-133	-132	-132	-134	-138	-144	-152	-161	-172
				C.C. U21	-138	-136	-136	-138	-141	-146	-153	-161	-171
				C.C. U22	-133	-130	-128	-129	-131	-135	-141	-149	-158
				C.C. U23	-133	-130	-128	-129	-131	-135	-141	-149	-159
				C.C. U24	-135	-132	-130	-130	-132	-135	-141	-148	-157
				C.C. U25	-136	-136	-139	-143	-148	-156	-164	-175	-187
				C.C. U26	-131	-130	-131	-133	-138	-145	-153	-163	-175
				C.C. U27	-130	-130	-133	-137	-143	-151	-161	-173	-186
				C.C. U28	-133	-132	-132	-135	-139	-145	-153	-162	-174
				C.C. U29	-141	-138	-136	-136	-137	-140	-145	-151	-159
				C.C. U30	-136	-131	-128	-127	-127	-129	-133	-139	-146
				C.C. U31	-139	-133	-128	-126	-125	-126	-128	-133	-139
				C.C. U32	-139	-134	-130	-128	-128	-130	-133	-138	-145
				C.C. U33	-139	-138	-138	-139	-143	-148	-155	-163	-174
				C.C. U34	-135	-132	-130	-131	-134	-138	-145	-153	-163
				C.C. U35	-137	-133	-131	-132	-134	-137	-143	-151	-160
				C.C. U36	-138	-136	-136	-138	-141	-146	-153	-161	-171
				C.C. U37	-133	-130	-129	-129	-131	-135	-141	-149	-158
				C.C. U38	-136	-132	-130	-130	-132	-136	-141	-148	-157
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	13	32	50	66	80	93	105	115	124
				C.C.2	20	39	55	71	84	97	109	119	128
				C.C.3	2	21	37	50	61	69	75	79	80
				C.C.4	14	31	46	58	69	76	82	85	86
				C.C. U1	12	30	48	63	78	91	103	114	123
				C.C. U2	7	26	42	58	71	83	93	102	109
				C.C. U3	7	26	43	58	71	83	93	102	109
				C.C. U4	10	28	45	60	73	85	95	104	111
				C.C. U5	13	31	49	65	80	93	105	116	125
				C.C. U6	8	27	44	59	73	85	95	104	111
				C.C. U7	9	28	45	60	74	86	96	105	113
				C.C. U8	11	30	46	62	75	87	97	106	114
				C.C. U9	8	25	41	56	69	81	92	102	110
				C.C. U10	3	20	36	50	62	73	82	90	96
				C.C. U11	0	17	32	45	56	66	75	81	87
				C.C. U12	6	23	39	52	65	75	84	92	98
				C.C. U13	19	38	56	72	86	100	111	122	131
				C.C. U14	14	33	51	66	80	92	102	110	117
				C.C. U15	20	39	56	71	85	97	107	116	122

				C.C. U16	18	36	53	68	82	94	104	112	119
				C.C. U17	19	37	53	68	83	95	107	117	127
				C.C. U18	18	36	52	66	79	90	100	108	115
				C.C. U19	14	32	48	63	76	87	97	105	112
				C.C. U20	17	35	51	65	78	89	99	108	115
				C.C. U21	20	38	54	70	84	97	109	120	129
				C.C. U22	19	37	53	67	80	92	102	110	117
				C.C. U23	16	34	50	65	78	90	100	109	116
				C.C. U24	18	36	52	67	80	91	101	110	117
				C.C. U25	15	31	47	61	74	85	96	105	114
				C.C. U26	14	31	45	58	70	80	89	96	102
				C.C. U27	7	23	37	50	61	70	78	85	90
				C.C. U28	13	29	44	57	69	79	88	96	102
				C.C. U29	26	45	61	77	91	104	115	126	135
				C.C. U30	26	44	60	74	87	99	108	116	123
				C.C. U31	27	45	62	76	90	101	111	119	126
				C.C. U32	25	43	59	73	86	98	108	116	123
				C.C. U33	14	33	50	66	81	94	105	116	125
				C.C. U34	10	28	45	60	74	86	96	104	111
				C.C. U35	13	31	48	63	76	88	98	106	113
				C.C. U36	21	39	56	71	85	98	109	120	129
				C.C. U37	21	39	55	69	81	93	102	110	117
				C.C. U38	20	37	53	68	81	92	102	110	117
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-21	5	29	52	73	93	112	129	145
				C.C.2	-13	11	35	57	78	97	115	132	148
				C.C.3	-25	-1	21	40	56	70	82	91	97
				C.C.4	-13	10	30	48	64	77	88	96	102
				C.C. U1	-20	5	28	50	70	89	107	124	139
				C.C. U2	-23	1	24	45	64	82	97	112	124
				C.C. U3	-21	3	25	45	63	80	95	109	121
				C.C. U4	-20	4	27	47	66	84	100	114	127
				C.C. U5	-18	8	31	54	75	94	113	130	145
				C.C. U6	-21	4	28	49	69	87	103	118	131
				C.C. U7	-17	8	30	51	71	88	104	118	131
				C.C. U8	-18	7	30	51	71	89	105	120	133
				C.C. U9	-29	-4	19	41	62	82	100	117	133
				C.C. U10	-32	-8	15	37	56	74	90	105	118
				C.C. U11	-36	-12	10	31	50	67	83	97	110
				C.C. U12	-29	-5	18	39	58	76	92	107	120
				C.C. U13	-13	12	36	59	80	100	118	135	151
				C.C. U14	-16	9	32	54	74	92	108	123	136
				C.C. U15	-10	15	38	60	79	97	113	128	140
				C.C. U16	-13	12	35	56	76	94	110	125	138
				C.C. U17	-13	11	34	55	75	93	111	127	143
				C.C. U18	-11	12	34	53	71	88	103	117	130
				C.C. U19	-13	9	30	50	68	84	99	112	124
				C.C. U20	-12	11	32	52	71	88	103	117	130
				C.C. U21	-10	14	37	59	79	98	116	133	149
				C.C. U22	-9	15	37	57	76	93	109	123	136
				C.C. U23	-10	14	36	57	75	92	108	122	134
				C.C. U24	-10	14	36	56	75	93	109	123	136
				C.C. U25	-22	2	25	46	67	86	104	120	136
				C.C. U26	-20	3	25	45	63	81	96	110	123
				C.C. U27	-29	-6	16	36	54	71	87	101	113
				C.C. U28	-22	2	24	44	63	80	96	110	124
				C.C. U29	-6	19	42	64	84	104	122	138	154
				C.C. U30	-4	20	42	62	81	98	114	128	141
				C.C. U31	-2	22	44	65	84	101	117	131	143
				C.C. U32	-6	18	40	61	80	98	114	128	142
				C.C. U33	-20	6	30	53	74	94	113	130	146
				C.C. U34	-23	2	26	48	68	86	103	118	131
				C.C. U35	-20	5	28	50	70	88	105	120	134
				C.C. U36	-13	12	35	58	78	98	116	133	149
				C.C. U37	-11	13	35	56	75	93	109	123	136
				C.C. U38	-12	12	34	55	74	92	108	123	137
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	103	83	60	34	5	-26	-61	-99	-140
				C.C.2	111	90	66	40	10	-22	-57	-95	-136
				C.C.3	63	57	47	32	12	-13	-42	-76	-116
				C.C.4	77	69	57	41	20	-6	-36	-70	-110
				C.C. U1	100	79	56	30	1	-31	-66	-103	-144

				C.C. U2	86	70	51	28	2	-28	-61	-97	-138
				C.C. U3	88	71	51	28	2	-28	-61	-98	-138
				C.C. U4	89	71	51	28	1	-29	-62	-99	-139
				C.C. U5	92	72	49	24	-4	-35	-69	-106	-146
				C.C. U6	78	63	44	22	-3	-32	-64	-100	-140
				C.C. U7	74	58	40	19	-6	-35	-66	-102	-141
				C.C. U8	80	64	45	22	-3	-33	-65	-101	-141
				C.C. U9	108	85	60	32	2	-32	-68	-107	-150
				C.C. U10	94	76	55	30	2	-29	-63	-102	-143
				C.C. U11	101	81	58	32	3	-30	-65	-104	-147
				C.C. U12	97	78	55	30	2	-30	-65	-103	-145
				C.C. U13	98	79	57	32	4	-26	-60	-97	-138
				C.C. U14	84	69	51	30	5	-23	-56	-92	-131
				C.C. U15	84	70	53	32	7	-21	-52	-88	-127
				C.C. U16	86	71	52	30	5	-24	-57	-93	-133
				C.C. U17	109	87	62	35	6	-27	-62	-100	-141
				C.C. U18	100	82	61	37	10	-21	-54	-91	-132
				C.C. U19	96	78	57	33	6	-24	-57	-94	-134
				C.C. U20	97	79	58	33	6	-24	-58	-95	-136
				C.C. U21	100	79	56	30	1	-31	-65	-102	-142
				C.C. U22	92	75	55	31	5	-25	-58	-94	-134
				C.C. U23	82	66	46	24	-1	-30	-62	-98	-137
				C.C. U24	89	71	51	28	1	-28	-61	-98	-137
				C.C. U25	117	93	66	38	6	-28	-64	-104	-146
				C.C. U26	109	88	65	39	10	-22	-57	-96	-137
				C.C. U27	110	88	64	37	7	-25	-62	-101	-143
				C.C. U28	105	85	62	36	7	-25	-61	-99	-141
				C.C. U29	106	86	63	38	9	-22	-56	-94	-134
				C.C. U30	98	82	62	39	13	-16	-49	-86	-125
				C.C. U31	92	77	59	37	12	-16	-48	-84	-124
				C.C. U32	95	78	59	36	9	-20	-53	-89	-129
				C.C. U33	102	82	58	32	3	-28	-63	-101	-143
				C.C. U34	88	72	53	30	4	-25	-59	-95	-136
				C.C. U35	91	74	54	30	4	-26	-60	-97	-137
				C.C. U36	111	89	65	38	8	-24	-60	-98	-139
				C.C. U37	103	85	64	39	12	-18	-52	-89	-130
				C.C. U38	99	81	60	36	8	-22	-56	-93	-134
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	-243	-228	-217	-210	-208	-210	-216	-227	-242
				C.C.2	-241	-226	-215	-209	-207	-209	-215	-225	-240
				C.C.3	-203	-180	-164	-154	-151	-154	-163	-180	-202
				C.C.4	-199	-178	-162	-153	-149	-152	-161	-177	-198
				C.C. U1	-250	-234	-223	-217	-214	-216	-222	-232	-247
				C.C. U2	-238	-221	-208	-200	-197	-199	-206	-218	-235
				C.C. U3	-239	-222	-209	-201	-198	-200	-207	-218	-234
				C.C. U4	-241	-224	-212	-204	-202	-204	-210	-222	-238
				C.C. U5	-249	-234	-223	-216	-213	-215	-222	-232	-247
				C.C. U6	-237	-220	-207	-199	-197	-199	-206	-219	-236
				C.C. U7	-238	-220	-208	-200	-197	-199	-206	-219	-236
				C.C. U8	-241	-224	-211	-204	-201	-203	-210	-222	-239
				C.C. U9	-250	-235	-225	-218	-216	-218	-224	-235	-249
				C.C. U10	-238	-221	-209	-202	-199	-202	-209	-221	-238
				C.C. U11	-239	-223	-211	-204	-202	-204	-211	-223	-239
				C.C. U12	-241	-225	-213	-206	-204	-206	-213	-225	-241
				C.C. U13	-246	-230	-219	-212	-209	-211	-218	-229	-244
				C.C. U14	-234	-216	-203	-195	-192	-195	-203	-215	-233
				C.C. U15	-232	-214	-201	-193	-190	-193	-200	-213	-231
				C.C. U16	-237	-220	-207	-199	-197	-199	-207	-219	-236
				C.C. U17	-247	-233	-222	-216	-213	-215	-221	-230	-244
				C.C. U18	-234	-218	-206	-199	-196	-198	-204	-215	-231
				C.C. U19	-237	-220	-208	-200	-197	-199	-206	-216	-232
				C.C. U20	-239	-223	-211	-203	-201	-203	-209	-220	-236
				C.C. U21	-247	-232	-221	-215	-213	-215	-221	-231	-245
				C.C. U22	-234	-217	-205	-198	-195	-197	-204	-216	-232
				C.C. U23	-236	-219	-207	-199	-196	-198	-205	-217	-233
				C.C. U24	-238	-222	-210	-203	-200	-202	-209	-221	-237
				C.C. U25	-247	-233	-223	-217	-215	-217	-223	-233	-247
				C.C. U26	-234	-218	-207	-200	-198	-200	-207	-218	-234
				C.C. U27	-237	-221	-210	-203	-201	-203	-210	-221	-236
				C.C. U28	-239	-223	-212	-205	-203	-205	-212	-223	-238
				C.C. U29	-243	-228	-217	-211	-209	-211	-217	-227	-242
				C.C. U30	-230	-213	-201	-194	-191	-193	-201	-212	-229

				C.C. U31	-230	-212	-200	-192	-190	-192	-199	-211	-228
				C.C. U32	-235	-218	-206	-199	-196	-198	-205	-217	-234
				C.C. U33	-247	-232	-221	-214	-212	-214	-221	-231	-246
				C.C. U34	-236	-218	-206	-198	-195	-198	-205	-218	-235
				C.C. U35	-239	-222	-210	-202	-200	-202	-209	-221	-238
				C.C. U36	-245	-230	-220	-214	-211	-213	-219	-230	-244
				C.C. U37	-232	-215	-204	-196	-194	-196	-203	-215	-231
				C.C. U38	-237	-220	-208	-201	-199	-201	-208	-220	-236
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-133	-91	-52	-17	16	45	72	95	116
				C.C.2	-129	-87	-48	-12	21	51	78	103	125
				C.C.3	-109	-69	-35	-5	20	41	56	68	74
				C.C.4	-103	-63	-28	3	29	50	68	80	89
				C.C. U1	-140	-97	-57	-20	14	46	74	100	123
				C.C. U2	-134	-91	-52	-17	15	43	68	90	109
				C.C. U3	-136	-92	-52	-16	17	46	73	96	116
				C.C. U4	-135	-92	-53	-18	14	43	69	92	111
				C.C. U5	-134	-91	-52	-15	18	49	76	101	123
				C.C. U6	-127	-85	-47	-13	18	46	70	91	109
				C.C. U7	-125	-82	-44	-8	23	52	76	98	116
				C.C. U8	-129	-87	-48	-13	18	46	71	93	111
				C.C. U9	-143	-100	-60	-23	11	43	72	98	122
				C.C. U10	-137	-94	-55	-20	12	40	66	88	107
				C.C. U11	-141	-97	-58	-21	12	42	69	93	114
				C.C. U12	-138	-95	-56	-21	11	41	67	90	110
				C.C. U13	-130	-89	-51	-17	15	43	69	92	112
				C.C. U14	-124	-84	-47	-14	15	41	63	81	97
				C.C. U15	-120	-80	-44	-11	17	42	64	82	97
				C.C. U16	-125	-85	-48	-15	15	41	64	83	99
				C.C. U17	-136	-93	-53	-15	19	51	81	108	132
				C.C. U18	-128	-85	-46	-10	23	53	79	103	123
				C.C. U19	-132	-88	-48	-12	22	52	79	104	125
				C.C. U20	-131	-89	-49	-13	19	49	76	99	120
				C.C. U21	-130	-87	-47	-11	23	54	83	109	132
				C.C. U22	-121	-79	-40	-5	27	56	81	104	123
				C.C. U23	-121	-79	-40	-4	28	57	83	106	125
				C.C. U24	-125	-83	-44	-9	23	52	78	100	120
				C.C. U25	-139	-96	-56	-18	16	49	78	106	131
				C.C. U26	-131	-88	-49	-13	20	50	77	101	122
				C.C. U27	-137	-94	-54	-17	17	48	76	101	123
				C.C. U28	-134	-92	-52	-16	16	46	73	97	119
				C.C. U29	-127	-86	-47	-12	20	49	75	99	121
				C.C. U30	-118	-77	-40	-7	23	50	74	94	112
				C.C. U31	-116	-76	-40	-7	22	48	71	90	106
				C.C. U32	-122	-81	-44	-11	20	47	70	91	108
				C.C. U33	-135	-93	-55	-19	14	43	70	94	116
				C.C. U34	-129	-88	-50	-16	14	41	64	84	101
				C.C. U35	-130	-89	-51	-17	14	41	65	86	104
				C.C. U36	-132	-90	-51	-15	19	49	77	102	125
				C.C. U37	-123	-82	-44	-9	22	50	75	97	116
				C.C. U38	-127	-85	-47	-13	19	47	72	94	113
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-472	-120	132	282	333	282	131	-121	-473
				C.C.2	-462	-110	141	292	342	292	141	-111	-463
				C.C.3	-359	-93	97	211	249	211	97	-94	-361
				C.C.4	-343	-77	113	227	265	227	113	-78	-344
				C.C. U1	-475	-117	138	291	342	289	134	-124	-484
				C.C. U2	-444	-111	126	268	314	265	121	-118	-452
				C.C. U3	-438	-106	130	271	317	268	123	-116	-452
				C.C. U4	-447	-108	134	279	327	277	130	-114	-456
				C.C. U5	-483	-122	135	290	343	292	139	-116	-475
				C.C. U6	-451	-117	123	267	315	269	127	-111	-443
				C.C. U7	-450	-115	125	270	319	273	132	-104	-436
				C.C. U8	-455	-113	131	278	328	280	135	-107	-447
				C.C. U9	-479	-120	136	290	341	290	136	-121	-480
				C.C. U10	-448	-114	124	267	314	266	123	-115	-449
				C.C. U11	-444	-111	127	270	317	269	126	-112	-446
				C.C. U12	-451	-111	132	278	326	278	132	-112	-452
				C.C. U13	-479	-120	137	291	342	290	136	-121	-480
				C.C. U14	-447	-114	124	267	315	267	124	-115	-448
				C.C. U15	-444	-110	128	270	318	270	127	-111	-445

				C.C. U16	-451	-110	133	278	327	278	132	-111	-452
				C.C. U17	-465	-107	148	301	351	299	144	-114	-474
				C.C. U18	-427	-95	142	284	331	282	138	-101	-436
				C.C. U19	-428	-96	140	281	327	278	133	-107	-442
				C.C. U20	-438	-98	144	289	336	287	140	-105	-446
				C.C. U21	-473	-112	145	300	352	302	149	-107	-465
				C.C. U22	-435	-100	139	283	332	285	143	-94	-427
				C.C. U23	-440	-105	135	280	329	283	142	-95	-426
				C.C. U24	-445	-103	141	288	337	290	145	-97	-437
				C.C. U25	-469	-110	146	300	351	300	146	-111	-471
				C.C. U26	-431	-98	140	283	330	283	140	-99	-432
				C.C. U27	-435	-101	137	280	327	279	136	-102	-436
				C.C. U28	-441	-101	142	288	336	288	141	-102	-443
				C.C. U29	-469	-110	147	301	352	300	146	-111	-470
				C.C. U30	-431	-97	141	283	331	283	140	-98	-432
				C.C. U31	-434	-101	137	280	328	280	137	-102	-435
				C.C. U32	-441	-101	142	288	337	288	142	-102	-442
				C.C. U33	-479	-120	137	290	342	290	136	-121	-480
				C.C. U34	-447	-114	124	267	314	267	123	-115	-449
				C.C. U35	-451	-111	132	278	327	278	132	-112	-452
				C.C. U36	-469	-110	147	300	351	300	146	-111	-470
				C.C. U37	-431	-98	140	283	331	283	140	-99	-432
				C.C. U38	-441	-101	142	288	337	288	142	-102	-442
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.0 0</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	140	257	320	332	291	198	52	-146	-397
				C.C.2	156	271	334	344	302	208	61	-138	-390
				C.C.3	95	183	233	242	213	144	36	-112	-299
				C.C.4	120	207	254	262	231	161	51	-99	-287
				C.C. U1	144	262	326	337	295	200	52	-149	-404
				C.C. U2	127	236	297	308	269	182	45	-141	-376
				C.C. U3	134	242	301	312	272	184	46	-141	-377
				C.C. U4	133	244	306	317	279	190	52	-137	-375
				C.C. U5	142	260	325	337	296	201	54	-147	-400
				C.C. U6	125	235	296	307	270	183	47	-138	-373
				C.C. U7	130	239	300	311	273	186	49	-137	-372
				C.C. U8	131	243	305	317	279	191	53	-134	-372
				C.C. U9	158	272	333	341	296	197	46	-159	-417
				C.C. U10	141	247	304	311	270	179	39	-150	-389
				C.C. U11	157	260	313	318	273	179	36	-157	-398
				C.C. U12	147	255	313	321	279	187	45	-146	-388
				C.C. U13	143	262	329	342	303	210	64	-135	-388
				C.C. U14	126	237	300	313	277	191	57	-127	-360
				C.C. U15	131	244	306	320	284	200	66	-118	-350
				C.C. U16	132	245	309	322	286	200	63	-123	-359
				C.C. U17	159	276	339	349	306	210	61	-141	-397
				C.C. U18	152	260	318	328	288	199	60	-127	-364
				C.C. U19	149	256	315	324	283	194	55	-133	-370
				C.C. U20	148	258	319	329	290	200	61	-129	-368
				C.C. U21	157	274	338	349	307	211	63	-139	-393
				C.C. U22	150	258	317	327	288	200	62	-125	-361
				C.C. U23	145	254	313	323	284	196	58	-129	-365
				C.C. U24	146	257	318	329	290	201	63	-126	-365
				C.C. U25	173	286	346	353	307	207	55	-151	-410
				C.C. U26	166	270	325	331	288	196	54	-137	-377
				C.C. U27	172	274	326	330	284	189	45	-149	-391
				C.C. U28	162	269	326	333	290	197	54	-138	-381
				C.C. U29	158	276	342	354	314	220	73	-127	-381
				C.C. U30	151	261	321	333	295	208	72	-113	-348
				C.C. U31	147	258	319	332	296	210	75	-110	-343
				C.C. U32	147	259	322	334	297	210	72	-115	-352
				C.C. U33	141	260	325	337	297	202	55	-145	-399
				C.C. U34	124	235	296	308	270	184	48	-137	-371
				C.C. U35	130	243	305	317	280	192	55	-133	-370
				C.C. U36	157	274	338	350	308	212	64	-137	-392
				C.C. U37	149	258	318	328	289	201	63	-123	-359
				C.C. U38	145	257	318	329	291	202	64	-125	-363
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	-2	-9	-21	-37	-58	-83	-113	-148
				C.C.2	0	-2	-9	-21	-37	-58	-83	-113	-148
				C.C.3	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.4	0	-2	-7	-16	-28	-44	-63	-86	-112

				C.C. U1	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U2	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U3	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U4	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U5	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U6	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U7	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U8	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U9	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U10	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U11	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U12	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U13	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U14	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U15	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U16	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U17	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U18	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U19	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U20	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U21	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U22	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U23	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U24	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U25	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U26	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U27	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U28	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U29	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U30	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U31	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U32	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U33	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U34	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U35	0	-2	-9	-20	-36	-56	-80	-109	-143
				C.C. U36	0	-2	-9	-21	-38	-59	-85	-115	-151
				C.C. U37	0	-2	-9	-20	-35	-55	-79	-107	-140
				C.C. U38	0	-2	-9	-20	-36	-56	-80	-109	-143
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.2	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.3	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.4	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C. U1	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U2	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U3	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U4	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U5	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U6	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U7	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U8	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U9	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U10	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U11	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U12	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U13	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U14	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U15	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U16	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U17	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U18	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U19	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U20	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U21	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U22	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U23	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U24	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U25	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U26	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U27	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U28	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U29	-20	-15	-11	-8	-5	-3	-1	0	0

				C.C. U30	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U31	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U32	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U33	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U34	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U35	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U36	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U37	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U38	-18	-14	-10	-7	-5	-3	-1	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	142	257	320	330	288	194	47	-152	-403
				C.C.2	157	271	333	342	300	204	56	-144	-396
				C.C.3	96	184	232	241	211	141	32	-116	-304
				C.C.4	121	207	254	261	229	158	47	-103	-292
				C.C. U1	147	263	327	337	294	197	48	-155	-410
				C.C. U2	130	238	297	307	268	179	41	-146	-382
				C.C. U3	138	245	303	312	271	181	42	-146	-383
				C.C. U4	136	246	306	317	277	187	48	-142	-381
				C.C. U5	142	260	325	337	296	201	54	-147	-401
				C.C. U6	125	235	296	307	270	183	47	-138	-373
				C.C. U7	129	240	301	312	275	188	52	-133	-368
				C.C. U8	131	243	305	317	279	191	53	-134	-372
				C.C. U9	159	273	333	340	293	194	41	-164	-423
				C.C. U10	142	247	303	310	267	176	35	-156	-395
				C.C. U11	158	260	313	316	271	176	31	-162	-405
				C.C. U12	148	255	312	319	277	184	41	-152	-394
				C.C. U13	144	263	328	341	300	206	59	-141	-394
				C.C. U14	127	238	299	311	274	188	53	-132	-366
				C.C. U15	133	244	306	319	282	196	62	-123	-356
				C.C. U16	133	246	308	321	284	196	59	-128	-365
				C.C. U17	162	277	340	349	305	207	57	-146	-403
				C.C. U18	155	262	319	327	286	196	56	-132	-370
				C.C. U19	153	259	316	324	282	191	51	-138	-376
				C.C. U20	151	260	319	329	288	197	57	-134	-374
				C.C. U21	157	274	338	349	307	211	63	-139	-394
				C.C. U22	150	258	318	328	288	200	62	-125	-361
				C.C. U23	144	254	314	324	286	198	61	-125	-361
				C.C. U24	146	257	318	329	290	201	63	-126	-365
				C.C. U25	174	287	346	352	304	204	50	-156	-416
				C.C. U26	167	271	325	330	286	192	50	-142	-383
				C.C. U27	173	274	326	328	282	186	40	-154	-398
				C.C. U28	163	269	325	332	288	194	50	-144	-387
				C.C. U29	159	277	341	353	311	216	69	-133	-387
				C.C. U30	152	261	321	331	293	205	68	-118	-354
				C.C. U31	148	258	319	331	293	207	71	-114	-349
				C.C. U32	148	260	321	333	295	206	68	-120	-358
				C.C. U33	143	260	325	336	294	199	51	-151	-405
				C.C. U34	126	235	295	306	268	181	44	-142	-377
				C.C. U35	132	243	304	316	277	189	50	-138	-376
				C.C. U36	158	274	338	348	305	209	60	-142	-398
				C.C. U37	151	258	317	326	287	197	59	-128	-365
				C.C. U38	147	257	318	328	288	199	60	-130	-369
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-148	-113	-83	-58	-37	-21	-9	-2	0
				C.C.2	-148	-113	-83	-58	-37	-21	-9	-2	0
				C.C.3	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.4	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C. U1	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U2	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U3	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U4	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U5	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U6	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U7	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U8	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U9	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U10	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U11	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U12	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U13	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U14	-140	-107	-79	-55	-35	-20	-9	-2	0

				C.C. U15	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U16	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U17	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U18	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U19	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U20	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U21	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U22	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U23	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U24	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U25	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U26	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U27	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U28	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U29	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U30	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U31	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U32	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U33	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U34	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U35	-143	-109	-80	-56	-36	-20	-9	-2	0
				C.C. U36	-151	-115	-85	-59	-38	-21	-9	-2	0
				C.C. U37	-140	-107	-79	-55	-35	-20	-9	-2	0
				C.C. U38	-143	-109	-80	-56	-36	-20	-9	-2	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.2	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C.3	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.4	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C. U1	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U2	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U3	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U4	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U5	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U6	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U7	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U8	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U9	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U10	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U11	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U12	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U13	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U14	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U15	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U16	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U17	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U18	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U19	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U20	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U21	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U22	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U23	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U24	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U25	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U26	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U27	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U28	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U29	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U30	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U31	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U32	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U33	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U34	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U35	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U36	-20	-15	-11	-8	-5	-3	-1	0	0
				C.C. U37	-18	-14	-10	-7	-5	-3	-1	0	0
				C.C. U38	-18	-14	-10	-7	-5	-3	-1	0	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-458	-468	-492	-530	-583	-651	-733	-830	-941
				C.C.2	-448	-458	-482	-520	-573	-641	-723	-820	-932
				C.C.3	-344	-343	-353	-374	-407	-450	-504	-569	-645
				C.C.4	-327	-326	-337	-358	-390	-433	-487	-552	-628



				C.C. U1	-463	-470	-491	-528	-579	-645	-725	-821	-931
				C.C. U2	-431	-435	-452	-483	-528	-586	-659	-744	-844
				C.C. U3	-430	-434	-453	-485	-530	-590	-663	-750	-850
				C.C. U4	-429	-429	-442	-470	-511	-567	-636	-719	-816
				C.C. U5	-463	-468	-488	-523	-573	-638	-717	-811	-920
				C.C. U6	-431	-433	-449	-479	-522	-580	-650	-735	-833
				C.C. U7	-429	-432	-448	-478	-521	-578	-649	-734	-832
				C.C. U8	-429	-427	-439	-466	-506	-560	-628	-710	-805
				C.C. U9	-465	-474	-497	-535	-588	-655	-738	-835	-947
				C.C. U10	-433	-439	-458	-491	-537	-597	-671	-759	-860
				C.C. U11	-434	-441	-462	-497	-546	-608	-684	-774	-877
				C.C. U12	-431	-433	-448	-477	-521	-578	-649	-733	-832
				C.C. U13	-460	-461	-476	-506	-551	-611	-685	-774	-878
				C.C. U14	-428	-426	-437	-462	-500	-553	-619	-698	-791
				C.C. U15	-426	-420	-428	-449	-485	-534	-596	-672	-762
				C.C. U16	-426	-420	-427	-449	-484	-533	-596	-673	-764
				C.C. U17	-453	-460	-481	-518	-569	-635	-715	-811	-921
				C.C. U18	-414	-418	-436	-467	-512	-570	-642	-728	-828
				C.C. U19	-420	-424	-443	-475	-521	-580	-653	-740	-840
				C.C. U20	-419	-419	-433	-460	-502	-557	-626	-709	-806
				C.C. U21	-453	-458	-478	-513	-563	-628	-707	-801	-910
				C.C. U22	-414	-416	-433	-462	-506	-563	-634	-718	-817
				C.C. U23	-419	-422	-438	-468	-511	-568	-639	-724	-822
				C.C. U24	-419	-417	-430	-456	-496	-550	-618	-700	-795
				C.C. U25	-455	-464	-487	-525	-578	-646	-728	-825	-937
				C.C. U26	-417	-422	-441	-474	-521	-581	-655	-742	-844
				C.C. U27	-424	-431	-452	-487	-536	-598	-674	-764	-867
				C.C. U28	-421	-423	-438	-468	-511	-568	-639	-724	-822
				C.C. U29	-451	-451	-466	-496	-541	-601	-675	-764	-868
				C.C. U30	-412	-409	-421	-445	-484	-536	-602	-682	-775
				C.C. U31	-416	-410	-418	-439	-475	-524	-586	-663	-753
				C.C. U32	-416	-410	-417	-439	-474	-523	-586	-663	-754
				C.C. U33	-460	-465	-485	-520	-570	-635	-714	-808	-917
				C.C. U34	-428	-430	-446	-476	-519	-577	-647	-732	-830
				C.C. U35	-426	-424	-436	-463	-503	-557	-625	-707	-802
				C.C. U36	-450	-455	-475	-510	-560	-625	-704	-798	-907
				C.C. U37	-411	-413	-430	-459	-503	-560	-631	-715	-814
				C.C. U38	-416	-414	-427	-453	-493	-547	-615	-697	-792
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>	<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>	
				C.C.1	-464	-471	-493	-530	-581	-647	-727	-822	-932
				C.C.2	-454	-461	-483	-520	-571	-637	-718	-813	-922
				C.C.3	-348	-346	-355	-374	-405	-447	-499	-563	-637
				C.C.4	-331	-329	-338	-358	-388	-430	-483	-546	-620
				C.C. U1	-472	-478	-499	-534	-585	-650	-730	-825	-934
				C.C. U2	-439	-443	-459	-490	-534	-592	-664	-749	-848
				C.C. U3	-440	-445	-464	-496	-542	-602	-675	-762	-863
				C.C. U4	-437	-437	-450	-477	-518	-572	-641	-724	-820
				C.C. U5	-460	-464	-483	-517	-565	-629	-707	-800	-907
				C.C. U6	-427	-429	-444	-472	-515	-571	-641	-724	-821
				C.C. U7	-420	-422	-438	-467	-510	-566	-637	-721	-818
				C.C. U8	-425	-423	-434	-459	-498	-551	-618	-699	-793
				C.C. U9	-471	-477	-499	-535	-586	-651	-732	-827	-937
				C.C. U10	-438	-442	-459	-491	-535	-594	-666	-751	-851
				C.C. U11	-439	-445	-464	-497	-544	-604	-678	-766	-867
				C.C. U12	-437	-436	-450	-477	-519	-574	-643	-726	-823
				C.C. U13	-466	-465	-478	-506	-549	-607	-679	-767	-869
				C.C. U14	-433	-429	-439	-462	-499	-549	-613	-691	-782
				C.C. U15	-431	-423	-429	-449	-483	-530	-591	-665	-754
				C.C. U16	-432	-423	-429	-449	-482	-529	-590	-666	-754
				C.C. U17	-462	-468	-489	-524	-575	-640	-720	-815	-924
				C.C. U18	-423	-426	-443	-473	-518	-576	-647	-733	-831
				C.C. U19	-430	-435	-454	-486	-532	-592	-665	-752	-853
				C.C. U20	-427	-427	-440	-467	-508	-562	-631	-714	-810
				C.C. U21	-450	-454	-473	-507	-555	-619	-697	-790	-898
				C.C. U22	-411	-412	-427	-456	-498	-554	-624	-708	-805
				C.C. U23	-410	-412	-428	-457	-500	-556	-627	-711	-808
				C.C. U24	-415	-413	-424	-449	-488	-541	-608	-689	-783
				C.C. U25	-461	-467	-489	-525	-576	-642	-722	-817	-927
				C.C. U26	-422	-425	-443	-474	-519	-577	-649	-735	-834
				C.C. U27	-429	-435	-454	-487	-534	-594	-668	-756	-858
				C.C. U28	-427	-426	-440	-467	-509	-564	-633	-716	-813
				C.C. U29	-456	-455	-468	-496	-539	-597	-669	-757	-859

				C.C. U30	-417	-413	-422	-445	-482	-532	-597	-675	-766
				C.C. U31	-421	-413	-419	-439	-473	-520	-581	-655	-744
				C.C. U32	-422	-413	-419	-439	-472	-519	-581	-656	-745
				C.C. U33	-465	-469	-487	-520	-568	-631	-708	-800	-907
				C.C. U34	-433	-433	-448	-476	-517	-573	-642	-725	-821
				C.C. U35	-431	-428	-438	-463	-501	-553	-619	-699	-793
				C.C. U36	-455	-459	-477	-510	-558	-621	-698	-790	-897
				C.C. U37	-416	-417	-431	-459	-501	-556	-625	-708	-805
				C.C. U38	-421	-418	-428	-453	-491	-543	-609	-689	-783
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	-788	-251	133	364	441	365	135	-247	-783
				C.C.2	-777	-240	143	374	451	375	146	-237	-773
				C.C.3	-557	-180	89	251	305	252	91	-177	-553
				C.C.4	-540	-163	107	268	323	269	109	-160	-536
				C.C. U1	-817	-261	137	376	457	379	143	-251	-804
				C.C. U2	-751	-242	121	340	414	343	128	-233	-737
				C.C. U3	-751	-242	123	342	417	347	132	-228	-732
				C.C. U4	-771	-245	131	358	435	361	138	-235	-758
				C.C. U5	-823	-265	135	376	459	383	149	-243	-794
				C.C. U6	-756	-246	119	340	416	347	134	-225	-728
				C.C. U7	-760	-248	119	342	420	353	142	-215	-716
				C.C. U8	-777	-249	129	358	437	365	144	-227	-749
				C.C. U9	-814	-259	138	376	456	377	140	-255	-809
				C.C. U10	-747	-240	122	340	413	341	124	-237	-743
				C.C. U11	-745	-238	124	342	415	343	126	-235	-741
				C.C. U12	-768	-243	132	358	433	359	135	-240	-764
				C.C. U13	-810	-255	142	380	460	381	144	-251	-805
				C.C. U14	-743	-236	126	344	417	345	128	-233	-739
				C.C. U15	-738	-231	131	349	422	350	133	-228	-734
				C.C. U16	-764	-239	137	362	438	363	139	-235	-760
				C.C. U17	-807	-251	147	386	467	390	154	-241	-794
				C.C. U18	-733	-225	139	357	431	361	145	-215	-720
				C.C. U19	-740	-231	133	352	427	357	142	-217	-721
				C.C. U20	-761	-235	142	368	445	372	148	-225	-748
				C.C. U21	-813	-255	145	386	469	394	160	-233	-784
				C.C. U22	-739	-229	137	357	433	364	151	-207	-710
				C.C. U23	-750	-238	130	352	430	364	152	-204	-705
				C.C. U24	-767	-238	140	368	447	376	154	-217	-738
				C.C. U25	-804	-249	148	386	466	388	151	-245	-799
				C.C. U26	-730	-223	140	357	430	358	142	-219	-726
				C.C. U27	-735	-228	135	352	425	353	137	-224	-730
				C.C. U28	-758	-233	143	368	444	369	145	-229	-753
				C.C. U29	-800	-244	152	391	470	392	155	-241	-795
				C.C. U30	-726	-219	144	361	434	362	146	-215	-721
				C.C. U31	-728	-221	142	359	432	360	144	-218	-724
				C.C. U32	-754	-228	147	372	448	374	149	-225	-749
				C.C. U33	-812	-257	140	378	458	379	142	-253	-807
				C.C. U34	-745	-238	124	342	415	343	127	-235	-741
				C.C. U35	-766	-241	135	360	436	361	137	-237	-762
				C.C. U36	-802	-246	150	389	468	390	153	-243	-797
				C.C. U37	-728	-221	142	359	432	360	144	-217	-723
				C.C. U38	-756	-230	145	370	446	372	147	-227	-751
<b>24</b>	<b>piano 1</b>	<b>9, 5</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	-6	-26	-58	-104	-162	-234	-318	-416
				C.C.2	0	-6	-26	-58	-104	-162	-234	-318	-416
				C.C.3	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.4	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C. U1	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U2	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U3	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U4	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U5	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U6	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U7	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U8	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U9	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U10	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U11	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U12	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U13	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U14	0	-6	-25	-55	-98	-153	-221	-301	-393

				C.C. U15	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U16	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U17	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U18	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U19	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U20	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U21	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U22	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U23	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U24	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U25	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U26	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U27	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U28	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U29	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U30	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U31	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U32	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U33	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U34	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U35	0	-6	-25	-57	-102	-159	-229	-312	-407
				C.C. U36	0	-7	-27	-60	-108	-168	-242	-329	-430
				C.C. U37	0	-6	-25	-55	-98	-153	-221	-301	-393
				C.C. U38	0	-6	-25	-57	-102	-159	-229	-312	-407
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	-416	-318	-234	-162	-104	-58	-26	-6	0
				C.C.2	-416	-318	-234	-162	-104	-58	-26	-6	0
				C.C.3	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.4	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C. U1	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U2	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U3	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U4	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U5	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U6	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U7	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U8	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U9	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U10	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U11	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U12	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U13	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U14	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U15	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U16	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U17	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U18	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U19	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U20	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U21	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U22	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U23	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U24	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U25	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U26	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U27	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U28	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U29	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U30	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U31	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U32	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U33	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U34	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U35	-407	-312	-229	-159	-102	-57	-25	-6	0
				C.C. U36	-430	-329	-242	-168	-108	-60	-27	-7	0
				C.C. U37	-393	-301	-221	-153	-98	-55	-25	-6	0
				C.C. U38	-407	-312	-229	-159	-102	-57	-25	-6	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-76	-17	42	101	161	-	-	-	-
				C.C.2	-91	-23	44	111	178	-	-	-	-
				C.C.3	-45	-6	33	71	110	-	-	-	-

				C.C.4	-69	-17	35	87	139	-	-	-	-
				C.C. U1	-78	-17	43	104	164	-	-	-	-
				C.C. U2	-65	-13	40	93	145	-	-	-	-
				C.C. U3	-77	-18	40	99	157	-	-	-	-
				C.C. U4	-63	-11	41	93	145	-	-	-	-
				C.C. U5	-69	-13	43	99	156	-	-	-	-
				C.C. U6	-56	-8	40	88	136	-	-	-	-
				C.C. U7	-61	-10	41	91	142	-	-	-	-
				C.C. U8	-53	-6	42	89	136	-	-	-	-
				C.C. U9	-109	-33	43	120	196	-	-	-	-
				C.C. U10	-96	-28	40	108	176	-	-	-	-
				C.C. U11	-128	-44	41	125	209	-	-	-	-
				C.C. U12	-93	-26	42	109	176	-	-	-	-
				C.C. U13	-55	9	57	88	99	-	-	-	-
				C.C. U14	-42	14	54	76	80	-	-	-	-
				C.C. U15	-39	26	64	72	49	-	-	-	-
				C.C. U16	-40	16	55	77	80	-	-	-	-
				C.C. U17	-93	-24	45	113	182	-	-	-	-
				C.C. U18	-90	-24	42	108	175	-	-	-	-
				C.C. U19	-92	-25	42	108	175	-	-	-	-
				C.C. U20	-77	-17	43	103	163	-	-	-	-
				C.C. U21	-84	-20	45	109	173	-	-	-	-
				C.C. U22	-81	-19	42	104	166	-	-	-	-
				C.C. U23	-76	-17	42	101	160	-	-	-	-
				C.C. U24	-68	-13	43	98	154	-	-	-	-
				C.C. U25	-124	-39	45	129	213	-	-	-	-
				C.C. U26	-121	-39	42	124	206	-	-	-	-
				C.C. U27	-143	-50	42	134	227	-	-	-	-
				C.C. U28	-108	-32	43	119	194	-	-	-	-
				C.C. U29	-70	2	59	97	117	-	-	-	-
				C.C. U30	-67	3	56	92	109	-	-	-	-
				C.C. U31	-54	19	65	81	66	-	-	-	-
				C.C. U32	-55	9	57	87	98	-	-	-	-
				C.C. U33	-68	-12	43	99	155	-	-	-	-
				C.C. U34	-55	-8	40	88	136	-	-	-	-
				C.C. U35	-53	-6	42	89	136	-	-	-	-
				C.C. U36	-83	-19	45	109	173	-	-	-	-
				C.C. U37	-80	-19	42	104	165	-	-	-	-
				C.C. U38	-68	-12	43	98	153	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-78	-18	43	103	163	-	-	-	-
				C.C.2	-93	-25	44	113	181	-	-	-	-
				C.C.3	-46	-7	33	72	112	-	-	-	-
				C.C.4	-71	-18	35	88	141	-	-	-	-
				C.C. U1	-89	-30	37	113	200	-	-	-	-
				C.C. U2	-76	-25	33	102	180	-	-	-	-
				C.C. U3	-92	-39	29	113	214	-	-	-	-
				C.C. U4	-73	-23	35	102	181	-	-	-	-
				C.C. U5	-69	-13	44	100	157	-	-	-	-
				C.C. U6	-56	-8	40	89	137	-	-	-	-
				C.C. U7	-60	-10	41	91	142	-	-	-	-
				C.C. U8	-54	-6	42	90	137	-	-	-	-
				C.C. U9	-111	-34	44	121	199	-	-	-	-
				C.C. U10	-98	-29	40	110	179	-	-	-	-
				C.C. U11	-130	-45	41	127	212	-	-	-	-
				C.C. U12	-96	-27	42	111	179	-	-	-	-
				C.C. U13	-58	8	57	89	102	-	-	-	-
				C.C. U14	-45	13	54	78	82	-	-	-	-
				C.C. U15	-41	25	64	73	51	-	-	-	-
				C.C. U16	-42	15	55	78	83	-	-	-	-
				C.C. U17	-103	-37	38	122	217	-	-	-	-
				C.C. U18	-100	-37	36	117	210	-	-	-	-
				C.C. U19	-107	-45	31	122	232	-	-	-	-
				C.C. U20	-88	-30	36	112	198	-	-	-	-
				C.C. U21	-84	-20	45	110	174	-	-	-	-
				C.C. U22	-81	-19	43	105	166	-	-	-	-
				C.C. U23	-75	-16	42	101	160	-	-	-	-
				C.C. U24	-68	-13	43	99	155	-	-	-	-
				C.C. U25	-126	-40	45	131	216	-	-	-	-
				C.C. U26	-123	-40	43	126	209	-	-	-	-
				C.C. U27	-145	-51	42	136	230	-	-	-	-

				C.C. U28	-110	-34	43	120	197	-	-	-	-
				C.C. U29	-72	1	59	99	120	-	-	-	-
				C.C. U30	-69	2	56	93	112	-	-	-	-
				C.C. U31	-56	18	65	83	69	-	-	-	-
				C.C. U32	-57	8	57	88	100	-	-	-	-
				C.C. U33	-71	-14	44	101	158	-	-	-	-
				C.C. U34	-58	-9	40	89	138	-	-	-	-
				C.C. U35	-55	-7	42	90	138	-	-	-	-
				C.C. U36	-85	-20	45	110	175	-	-	-	-
				C.C. U37	-82	-20	43	105	168	-	-	-	-
				C.C. U38	-70	-13	43	100	156	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-207	-122	-36	49	134	-	-	-	-
				C.C.2	-211	-124	-38	49	136	-	-	-	-
				C.C.3	-142	-85	-28	30	87	-	-	-	-
				C.C.4	-148	-89	-29	30	90	-	-	-	-
				C.C. U1	-212	-124	-37	51	138	-	-	-	-
				C.C. U2	-191	-113	-34	45	124	-	-	-	-
				C.C. U3	-198	-116	-34	48	130	-	-	-	-
				C.C. U4	-189	-112	-35	42	120	-	-	-	-
				C.C. U5	-202	-120	-37	46	129	-	-	-	-
				C.C. U6	-182	-108	-34	40	114	-	-	-	-
				C.C. U7	-183	-109	-34	40	115	-	-	-	-
				C.C. U8	-179	-107	-35	38	110	-	-	-	-
				C.C. U9	-236	-141	-40	65	178	-	-	-	-
				C.C. U10	-215	-129	-37	60	163	-	-	-	-
				C.C. U11	-238	-143	-40	73	196	-	-	-	-
				C.C. U12	-213	-128	-38	57	159	-	-	-	-
				C.C. U13	-173	-105	-38	30	98	-	-	-	-
				C.C. U14	-152	-94	-35	24	83	-	-	-	-
				C.C. U15	-133	-84	-35	14	63	-	-	-	-
				C.C. U16	-150	-93	-35	22	79	-	-	-	-
				C.C. U17	-215	-127	-38	51	140	-	-	-	-
				C.C. U18	-198	-117	-36	45	126	-	-	-	-
				C.C. U19	-202	-119	-35	48	132	-	-	-	-
				C.C. U20	-192	-114	-36	43	121	-	-	-	-
				C.C. U21	-206	-122	-38	46	130	-	-	-	-
				C.C. U22	-188	-112	-36	41	117	-	-	-	-
				C.C. U23	-187	-111	-35	40	116	-	-	-	-
				C.C. U24	-183	-110	-36	38	111	-	-	-	-
				C.C. U25	-239	-143	-41	66	179	-	-	-	-
				C.C. U26	-222	-133	-39	60	165	-	-	-	-
				C.C. U27	-242	-146	-41	73	197	-	-	-	-
				C.C. U28	-216	-130	-39	57	160	-	-	-	-
				C.C. U29	-176	-108	-39	30	99	-	-	-	-
				C.C. U30	-159	-98	-37	25	86	-	-	-	-
				C.C. U31	-137	-87	-37	14	64	-	-	-	-
				C.C. U32	-153	-95	-37	22	80	-	-	-	-
				C.C. U33	-203	-120	-37	46	129	-	-	-	-
				C.C. U34	-183	-108	-34	40	115	-	-	-	-
				C.C. U35	-180	-107	-35	38	110	-	-	-	-
				C.C. U36	-207	-122	-38	46	131	-	-	-	-
				C.C. U37	-189	-112	-36	41	117	-	-	-	-
				C.C. U38	-184	-110	-36	38	112	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-205	-121	-36	49	134	-	-	-	-
				C.C.2	-209	-123	-37	49	135	-	-	-	-
				C.C.3	-141	-84	-27	30	87	-	-	-	-
				C.C.4	-147	-88	-29	30	89	-	-	-	-
				C.C. U1	-212	-136	-47	58	179	-	-	-	-
				C.C. U2	-192	-125	-44	52	165	-	-	-	-
				C.C. U3	-200	-137	-51	60	199	-	-	-	-
				C.C. U4	-189	-124	-45	49	160	-	-	-	-
				C.C. U5	-202	-119	-37	46	129	-	-	-	-
				C.C. U6	-182	-108	-34	40	114	-	-	-	-
				C.C. U7	-184	-109	-34	40	115	-	-	-	-
				C.C. U8	-179	-107	-35	38	110	-	-	-	-
				C.C. U9	-234	-139	-40	66	177	-	-	-	-
				C.C. U10	-214	-128	-37	60	163	-	-	-	-
				C.C. U11	-237	-142	-40	73	195	-	-	-	-

				C.C. U12	-211	-127	-38	57	158	-	-	-	-
				C.C. U13	-171	-104	-37	30	97	-	-	-	-
				C.C. U14	-151	-93	-34	24	83	-	-	-	-
				C.C. U15	-132	-83	-35	13	62	-	-	-	-
				C.C. U16	-148	-92	-35	22	78	-	-	-	-
				C.C. U17	-216	-139	-48	58	181	-	-	-	-
				C.C. U18	-198	-129	-46	52	167	-	-	-	-
				C.C. U19	-204	-139	-52	60	200	-	-	-	-
				C.C. U20	-193	-126	-46	50	162	-	-	-	-
				C.C. U21	-206	-122	-38	46	130	-	-	-	-
				C.C. U22	-188	-112	-36	41	117	-	-	-	-
				C.C. U23	-188	-112	-36	40	117	-	-	-	-
				C.C. U24	-183	-109	-36	38	112	-	-	-	-
				C.C. U25	-238	-142	-41	66	179	-	-	-	-
				C.C. U26	-220	-132	-39	60	165	-	-	-	-
				C.C. U27	-240	-145	-41	73	197	-	-	-	-
				C.C. U28	-215	-129	-39	57	160	-	-	-	-
				C.C. U29	-175	-107	-38	30	99	-	-	-	-
				C.C. U30	-157	-97	-36	25	85	-	-	-	-
				C.C. U31	-136	-86	-36	14	63	-	-	-	-
				C.C. U32	-152	-94	-36	22	80	-	-	-	-
				C.C. U33	-201	-119	-36	46	129	-	-	-	-
				C.C. U34	-181	-107	-33	40	114	-	-	-	-
				C.C. U35	-178	-106	-34	38	110	-	-	-	-
				C.C. U36	-205	-121	-37	46	130	-	-	-	-
				C.C. U37	-187	-111	-35	41	117	-	-	-	-
				C.C. U38	-182	-109	-35	38	111	-	-	-	-
<b>30</b>	<b>piano 1</b>	<b>5</b>	<b>400.0 0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	416	278	139	0	-138	-	-	-	-
				C.C.2	428	276	124	-29	-181	-	-	-	-
				C.C.3	273	184	94	5	-85	-	-	-	-
				C.C.4	293	181	68	-44	-156	-	-	-	-
				C.C. U1	374	253	132	11	-110	-	-	-	-
				C.C. U2	328	225	122	19	-84	-	-	-	-
				C.C. U3	322	221	120	19	-82	-	-	-	-
				C.C. U4	304	205	105	5	-95	-	-	-	-
				C.C. U5	375	250	127	7	-109	-	-	-	-
				C.C. U6	329	222	117	16	-83	-	-	-	-
				C.C. U7	324	216	112	14	-80	-	-	-	-
				C.C. U8	306	202	100	1	-94	-	-	-	-
				C.C. U9	357	229	119	28	-42	-	-	-	-
				C.C. U10	311	202	109	36	-16	-	-	-	-
				C.C. U11	294	182	99	48	31	-	-	-	-
				C.C. U12	288	181	92	22	-28	-	-	-	-
				C.C. U13	423	270	117	-36	-189	-	-	-	-
				C.C. U14	377	242	107	-28	-163	-	-	-	-
				C.C. U15	404	250	96	-58	-213	-	-	-	-
				C.C. U16	354	222	90	-42	-174	-	-	-	-
				C.C. U17	386	251	116	-19	-153	-	-	-	-
				C.C. U18	348	222	96	-30	-156	-	-	-	-
				C.C. U19	334	219	104	-10	-125	-	-	-	-
				C.C. U20	316	203	89	-25	-138	-	-	-	-
				C.C. U21	387	248	112	-22	-152	-	-	-	-
				C.C. U22	349	219	91	-33	-155	-	-	-	-
				C.C. U23	336	214	97	-16	-123	-	-	-	-
				C.C. U24	318	200	84	-28	-138	-	-	-	-
				C.C. U25	369	228	104	-1	-86	-	-	-	-
				C.C. U26	331	199	83	-13	-88	-	-	-	-
				C.C. U27	306	180	83	19	-12	-	-	-	-
				C.C. U28	300	179	76	-8	-71	-	-	-	-
				C.C. U29	435	268	102	-65	-232	-	-	-	-
				C.C. U30	397	239	81	-76	-234	-	-	-	-
				C.C. U31	416	248	80	-88	-256	-	-	-	-
				C.C. U32	366	220	74	-71	-217	-	-	-	-
				C.C. U33	389	258	127	-4	-135	-	-	-	-
				C.C. U34	343	230	117	4	-109	-	-	-	-
				C.C. U35	320	210	100	-10	-121	-	-	-	-
				C.C. U36	401	256	111	-34	-178	-	-	-	-
				C.C. U37	363	227	91	-45	-181	-	-	-	-
				C.C. U38	332	208	84	-40	-164	-	-	-	-
<b>31</b>	<b>piano 1</b>	<b>6</b>	<b>400.0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-

			0										
				C.C.1	423	280	137	-6	-149	-	-	-	-
				C.C.2	435	278	122	-35	-192	-	-	-	-
				C.C.3	279	186	93	0	-93	-	-	-	-
				C.C.4	299	183	67	-49	-165	-	-	-	-
				C.C. U1	373	247	126	10	-101	-	-	-	-
				C.C. U2	327	219	117	19	-74	-	-	-	-
				C.C. U3	315	210	112	23	-58	-	-	-	-
				C.C. U4	303	199	99	4	-85	-	-	-	-
				C.C. U5	407	263	118	-26	-171	-	-	-	-
				C.C. U6	361	235	109	-18	-144	-	-	-	-
				C.C. U7	373	236	99	-38	-175	-	-	-	-
				C.C. U8	338	215	91	-32	-155	-	-	-	-
				C.C. U9	364	232	117	21	-54	-	-	-	-
				C.C. U10	318	204	107	30	-27	-	-	-	-
				C.C. U11	301	184	97	41	21	-	-	-	-
				C.C. U12	295	184	90	15	-38	-	-	-	-
				C.C. U13	430	273	115	-42	-199	-	-	-	-
				C.C. U14	384	245	105	-34	-173	-	-	-	-
				C.C. U15	410	252	94	-64	-222	-	-	-	-
				C.C. U16	360	224	88	-48	-184	-	-	-	-
				C.C. U17	385	246	111	-19	-144	-	-	-	-
				C.C. U18	347	217	91	-30	-146	-	-	-	-
				C.C. U19	327	209	97	-7	-101	-	-	-	-
				C.C. U20	315	197	84	-25	-128	-	-	-	-
				C.C. U21	419	261	103	-56	-214	-	-	-	-
				C.C. U22	381	232	83	-66	-216	-	-	-	-
				C.C. U23	385	234	84	-67	-218	-	-	-	-
				C.C. U24	350	213	76	-61	-198	-	-	-	-
				C.C. U25	376	230	102	-8	-97	-	-	-	-
				C.C. U26	338	201	81	-19	-99	-	-	-	-
				C.C. U27	313	183	81	12	-22	-	-	-	-
				C.C. U28	307	182	74	-14	-81	-	-	-	-
				C.C. U29	442	271	100	-71	-242	-	-	-	-
				C.C. U30	404	242	80	-82	-244	-	-	-	-
				C.C. U31	422	250	78	-94	-265	-	-	-	-
				C.C. U32	372	222	73	-77	-227	-	-	-	-
				C.C. U33	396	260	125	-11	-146	-	-	-	-
				C.C. U34	350	232	115	-2	-119	-	-	-	-
				C.C. U35	326	212	98	-17	-131	-	-	-	-
				C.C. U36	408	259	109	-40	-189	-	-	-	-
				C.C. U37	370	230	89	-51	-191	-	-	-	-
				C.C. U38	339	210	82	-46	-174	-	-	-	-

#### 4.3.14 Momento Flettente - Combinazioni SLE Frequenti.

I prospetti seguenti riportano i valori del momento flettente (Mxz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 66.I

Momento Flettente (Mxz) [daNm] - Combinazioni SLE Frequenti													
Asta	Imp.	Fili	L [cm]	Comb.	Mxz <sub>1</sub>	Mxz <sub>2</sub>	Mxz <sub>3</sub>	Mxz <sub>4</sub>	Mxz <sub>5</sub>	Mxz <sub>6</sub>	Mxz <sub>7</sub>	Mxz <sub>8</sub>	Mxz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	64	56	45	31	14	-6	-28	-54	-82
				C.C.2	64	56	45	31	14	-6	-28	-54	-82
				C.C.3	60	52	42	28	12	-7	-29	-55	-83
				C.C.4	68	59	47	33	16	-4	-27	-53	-82
				C.C. U1	68	58	45	30	12	-8	-32	-58	-87
				C.C. U2	61	52	40	25	8	-12	-34	-60	-88
				C.C. U3	66	56	44	29	11	-9	-32	-58	-87
				C.C. U4	67	57	44	29	11	-9	-33	-59	-87
				C.C. U5	66	56	44	28	11	-10	-33	-59	-88
				C.C. U6	66	56	44	28	11	-10	-33	-59	-88
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-122	-112	-106	-105	-109	-118	-131	-150	-173
				C.C.2	-122	-112	-106	-105	-109	-118	-131	-150	-173
				C.C.3	-123	-113	-107	-106	-110	-118	-132	-150	-174
				C.C.4	-121	-111	-105	-104	-108	-117	-131	-149	-172
				C.C. U1	-128	-119	-114	-114	-118	-127	-141	-159	-182

				C.C. U2	-130	-121	-116	-116	-120	-129	-142	-161	-183
				C.C. U3	-128	-119	-114	-114	-118	-127	-140	-159	-182
				C.C. U4	-129	-120	-116	-116	-120	-129	-143	-161	-184
				C.C. U5	-130	-121	-116	-116	-121	-130	-143	-161	-184
				C.C. U6	-130	-121	-116	-116	-121	-130	-143	-161	-184
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-176	-154	-136	-124	-117	-115	-117	-124	-136
				C.C.2	-176	-154	-136	-124	-117	-115	-117	-124	-136
				C.C.3	-176	-154	-137	-125	-118	-115	-118	-125	-137
				C.C.4	-175	-153	-136	-124	-116	-114	-116	-123	-135
				C.C. U1	-185	-163	-147	-135	-127	-125	-127	-133	-144
				C.C. U2	-186	-164	-147	-135	-128	-125	-126	-133	-143
				C.C. U3	-184	-163	-146	-134	-127	-124	-126	-132	-143
				C.C. U4	-186	-165	-148	-136	-129	-126	-128	-134	-145
				C.C. U5	-187	-166	-149	-137	-129	-127	-128	-135	-145
				C.C. U6	-187	-166	-149	-137	-129	-127	-128	-135	-145
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-100	-66	-35	-7	18	40	60	76	90
				C.C.2	-100	-66	-35	-7	18	40	60	76	90
				C.C.3	-100	-67	-36	-8	16	38	57	73	86
				C.C.4	-99	-65	-34	-6	20	42	62	79	94
				C.C. U1	-106	-71	-40	-11	15	38	59	76	92
				C.C. U2	-105	-71	-38	-9	17	41	62	81	97
				C.C. U3	-105	-71	-39	-10	16	39	60	78	93
				C.C. U4	-106	-71	-40	-10	16	39	61	79	95
				C.C. U5	-107	-72	-40	-11	15	39	60	78	94
				C.C. U6	-107	-72	-40	-11	15	39	60	78	94
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-17	-23	-32	-43	-56	-72	-90	-111	-134
				C.C.2	-17	-23	-32	-43	-56	-72	-90	-111	-134
				C.C.3	-21	-26	-34	-45	-58	-73	-91	-111	-134
				C.C.4	-14	-21	-30	-41	-55	-71	-89	-110	-133
				C.C. U1	-13	-21	-31	-44	-59	-76	-95	-116	-140
				C.C. U2	-14	-22	-32	-45	-59	-76	-95	-116	-140
				C.C. U3	-9	-18	-29	-42	-57	-74	-94	-116	-140
				C.C. U4	-22	-29	-38	-49	-63	-79	-97	-117	-139
				C.C. U5	-15	-23	-33	-46	-60	-77	-96	-117	-140
				C.C. U6	-15	-23	-33	-46	-60	-77	-96	-117	-140
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-120	-114	-111	-110	-111	-115	-122	-131	-142
				C.C.2	-120	-114	-111	-110	-111	-115	-122	-131	-142
				C.C.3	-120	-114	-111	-110	-112	-116	-123	-132	-143
				C.C.4	-119	-113	-110	-109	-111	-115	-121	-130	-141
				C.C. U1	-124	-120	-118	-119	-122	-127	-134	-144	-155
				C.C. U2	-124	-120	-118	-119	-122	-126	-134	-143	-154
				C.C. U3	-123	-120	-119	-120	-124	-129	-137	-147	-160
				C.C. U4	-125	-120	-118	-118	-120	-124	-130	-139	-150
				C.C. U5	-125	-121	-119	-119	-121	-126	-133	-142	-153
				C.C. U6	-125	-121	-119	-119	-121	-126	-133	-142	-153
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-4	-15	-28	-43	-60	-80	-103	-128	-155
				C.C.2	-4	-15	-28	-43	-60	-80	-103	-128	-155
				C.C.3	-7	-17	-30	-44	-62	-82	-104	-128	-156
				C.C.4	-1	-12	-25	-41	-59	-79	-102	-127	-155
				C.C. U1	4	-9	-24	-42	-61	-83	-108	-134	-163
				C.C. U2	-1	-13	-28	-45	-64	-85	-109	-134	-162
				C.C. U3	4	-9	-24	-42	-62	-83	-108	-134	-163
				C.C. U4	-7	-19	-33	-49	-67	-88	-110	-135	-162
				C.C. U5	-1	-14	-29	-46	-65	-86	-110	-135	-163
				C.C. U6	-1	-14	-29	-46	-65	-86	-110	-135	-163
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-122	-115	-111	-109	-109	-112	-118	-126	-136
				C.C.2	-122	-115	-111	-109	-109	-112	-118	-126	-136
				C.C.3	-122	-116	-111	-109	-110	-113	-119	-127	-137
				C.C.4	-121	-115	-110	-108	-109	-112	-117	-125	-135
				C.C. U1	-125	-121	-119	-119	-121	-126	-133	-141	-153
				C.C. U2	-126	-121	-118	-117	-119	-123	-129	-137	-148
				C.C. U3	-125	-121	-119	-119	-121	-126	-133	-142	-153
				C.C. U4	-127	-122	-118	-117	-118	-121	-126	-134	-144
				C.C. U5	-127	-122	-119	-118	-119	-123	-129	-137	-147
				C.C. U6	-127	-122	-119	-118	-119	-123	-129	-137	-147
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)



				C.C.1	8	26	41	54	65	73	79	82	83
				C.C.2	8	26	41	54	65	73	79	82	83
				C.C.3	5	23	39	52	63	71	77	80	81
				C.C.4	11	29	44	56	67	75	80	84	84
				C.C. U1	10	28	44	58	69	79	86	92	95
				C.C. U2	10	28	44	58	70	79	87	92	96
				C.C. U3	8	26	42	55	66	75	83	88	91
				C.C. U4	12	31	46	60	72	82	89	94	98
				C.C. U5	11	29	45	59	70	80	87	93	96
				C.C. U6	11	29	45	59	70	80	87	93	96
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-19	5	25	44	60	73	85	93	100
				C.C.2	-19	5	25	44	60	73	85	93	100
				C.C.3	-22	2	23	42	58	72	83	92	99
				C.C.4	-16	7	28	46	62	75	86	95	101
				C.C. U1	-18	5	27	46	63	78	91	102	112
				C.C. U2	-17	6	28	47	65	80	93	104	114
				C.C. U3	-21	2	24	43	61	76	89	100	109
				C.C. U4	-16	8	30	49	66	82	95	106	115
				C.C. U5	-18	6	28	47	65	80	94	105	114
				C.C. U6	-18	6	28	47	65	80	94	105	114
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	70	63	52	36	16	-9	-39	-73	-113
				C.C.2	70	63	52	36	16	-9	-39	-73	-113
				C.C.3	67	60	49	34	14	-11	-41	-75	-114
				C.C.4	74	66	55	38	18	-7	-37	-72	-111
				C.C. U1	81	69	54	36	13	-14	-46	-81	-121
				C.C. U2	78	67	52	34	11	-16	-47	-82	-122
				C.C. U3	83	71	56	36	13	-15	-47	-83	-123
				C.C. U4	80	69	55	36	14	-13	-44	-79	-119
				C.C. U5	81	70	55	36	13	-15	-46	-81	-121
				C.C. U6	81	70	55	36	13	-15	-46	-81	-121
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-201	-179	-163	-153	-150	-153	-162	-178	-200
				C.C.2	-201	-179	-163	-153	-150	-153	-162	-178	-200
				C.C.3	-202	-180	-163	-154	-150	-153	-163	-179	-201
				C.C.4	-200	-178	-162	-153	-150	-153	-162	-177	-199
				C.C. U1	-214	-194	-180	-171	-168	-170	-179	-193	-212
				C.C. U2	-214	-194	-179	-171	-168	-170	-179	-193	-213
				C.C. U3	-214	-194	-180	-171	-168	-171	-180	-194	-213
				C.C. U4	-213	-193	-178	-169	-166	-169	-177	-192	-212
				C.C. U5	-215	-195	-181	-172	-169	-172	-180	-194	-214
				C.C. U6	-215	-195	-181	-172	-169	-172	-180	-194	-214
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-106	-66	-31	-1	25	46	62	74	81
				C.C.2	-106	-66	-31	-1	25	46	62	74	81
				C.C.3	-108	-68	-33	-3	22	43	59	71	78
				C.C.4	-104	-65	-30	1	27	48	65	77	85
				C.C. U1	-115	-74	-38	-5	23	47	67	83	96
				C.C. U2	-113	-72	-36	-4	24	48	68	84	96
				C.C. U3	-116	-75	-39	-6	22	46	66	83	95
				C.C. U4	-112	-72	-36	-4	23	46	65	81	92
				C.C. U5	-114	-74	-38	-6	22	46	65	81	93
				C.C. U6	-114	-74	-38	-6	22	46	65	81	93
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-351	-85	105	219	257	219	105	-86	-352
				C.C.2	-351	-85	105	219	257	219	105	-86	-352
				C.C.3	-355	-89	101	215	253	215	101	-90	-356
				C.C.4	-347	-81	109	223	261	223	109	-82	-348
				C.C. U1	-385	-93	115	240	281	239	113	-96	-388
				C.C. U2	-387	-95	114	240	282	240	115	-93	-385
				C.C. U3	-386	-94	115	240	281	239	114	-95	-387
				C.C. U4	-386	-94	115	240	281	239	114	-95	-387
				C.C. U5	-389	-94	117	243	285	243	116	-95	-390
				C.C. U6	-389	-94	117	243	285	243	116	-95	-390
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	108	195	243	252	222	152	43	-105	-293
				C.C.2	108	195	243	252	222	152	43	-105	-293
				C.C.3	101	189	238	247	217	148	39	-109	-296
				C.C.4	114	201	249	257	227	156	47	-102	-290

				C.C. U1	121	216	269	278	244	167	46	-118	-325
				C.C. U2	120	216	268	278	244	167	47	-117	-324
				C.C. U3	125	220	271	279	244	166	44	-121	-329
				C.C. U4	120	217	270	280	246	170	50	-113	-320
				C.C. U5	120	217	270	280	247	169	48	-116	-324
				C.C. U6	120	217	270	280	247	169	48	-116	-324
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.2	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.3	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.4	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C. U1	0	-2	-8	-17	-31	-48	-69	-94	-123
				C.C. U2	0	-2	-8	-17	-31	-48	-69	-94	-123
				C.C. U3	0	-2	-8	-17	-31	-48	-69	-94	-123
				C.C. U4	0	-2	-8	-17	-31	-48	-69	-94	-123
				C.C. U5	0	-2	-8	-17	-31	-48	-70	-95	-124
				C.C. U6	0	-2	-8	-17	-31	-48	-70	-95	-124
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.2	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.3	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.4	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C. U1	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U2	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U3	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U4	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U5	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U6	-17	-13	-10	-7	-4	-2	-1	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	109	195	243	251	220	150	40	-110	-298
				C.C.2	109	195	243	251	220	150	40	-110	-298
				C.C.3	102	190	238	246	215	145	36	-113	-301
				C.C.4	115	201	248	256	225	154	43	-106	-295
				C.C. U1	122	217	269	277	242	164	42	-122	-330
				C.C. U2	121	216	268	277	243	165	44	-120	-327
				C.C. U3	126	220	271	278	242	163	40	-126	-335
				C.C. U4	121	217	269	278	244	167	46	-118	-325
				C.C. U5	121	217	270	279	244	166	45	-121	-329
				C.C. U6	121	217	270	279	244	166	45	-121	-329
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.2	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.3	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.4	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C. U1	-123	-94	-69	-48	-31	-17	-8	-2	0
				C.C. U2	-123	-94	-69	-48	-31	-17	-8	-2	0
				C.C. U3	-123	-94	-69	-48	-31	-17	-8	-2	0
				C.C. U4	-123	-94	-69	-48	-31	-17	-8	-2	0
				C.C. U5	-124	-95	-70	-48	-31	-17	-8	-2	0
				C.C. U6	-124	-95	-70	-48	-31	-17	-8	-2	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.2	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.3	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.4	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C. U1	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U2	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U3	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U4	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U5	-17	-13	-10	-7	-4	-2	-1	0	0
				C.C. U6	-17	-13	-10	-7	-4	-2	-1	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-335	-335	-345	-366	-398	-442	-496	-561	-637
				C.C.2	-335	-335	-345	-366	-398	-442	-496	-561	-637
				C.C.3	-339	-339	-349	-370	-403	-446	-500	-565	-641
				C.C.4	-331	-330	-341	-362	-394	-437	-491	-557	-632
				C.C. U1	-372	-375	-389	-416	-455	-506	-569	-644	-731
				C.C. U2	-372	-374	-388	-415	-453	-504	-566	-641	-727
				C.C. U3	-373	-376	-391	-419	-458	-510	-573	-649	-737
				C.C. U4	-371	-372	-384	-409	-446	-495	-556	-629	-714
				C.C. U5	-371	-372	-385	-410	-447	-496	-558	-631	-717

				C.C. U6	-371	-372	-385	-410	-447	-496	-558	-631	-717
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-340	-337	-346	-366	-397	-438	-491	-554	-629
				C.C.2	-340	-337	-346	-366	-397	-438	-491	-554	-629
				C.C.3	-344	-342	-350	-370	-401	-442	-495	-558	-633
				C.C.4	-335	-333	-342	-362	-393	-434	-487	-550	-625
				C.C. U1	-377	-379	-393	-418	-456	-506	-568	-641	-727
				C.C. U2	-373	-374	-388	-413	-450	-499	-560	-633	-718
				C.C. U3	-377	-379	-393	-419	-456	-506	-568	-642	-728
				C.C. U4	-376	-375	-386	-409	-444	-491	-551	-622	-705
				C.C. U5	-376	-375	-386	-410	-445	-493	-553	-624	-708
				C.C. U6	-376	-375	-386	-410	-445	-493	-553	-624	-708
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-548	-171	98	260	314	261	100	-168	-544
				C.C.2	-548	-171	98	260	314	261	100	-168	-544
				C.C.3	-553	-176	94	255	310	256	96	-173	-549
				C.C.4	-544	-167	102	264	318	265	104	-164	-540
				C.C. U1	-620	-195	109	292	353	294	113	-190	-613
				C.C. U2	-622	-196	108	292	354	295	114	-187	-610
				C.C. U3	-619	-194	109	292	353	293	111	-191	-615
				C.C. U4	-618	-193	111	293	354	294	113	-190	-614
				C.C. U5	-628	-196	113	298	360	299	115	-193	-624
				C.C. U6	-628	-196	113	298	360	299	115	-193	-624
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.2	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.3	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.4	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C. U1	0	-5	-21	-46	-82	-129	-185	-252	-329
				C.C. U2	0	-5	-21	-46	-82	-129	-185	-252	-329
				C.C. U3	0	-5	-21	-46	-82	-129	-185	-252	-329
				C.C. U4	0	-5	-21	-46	-82	-129	-185	-252	-329
				C.C. U5	0	-5	-21	-47	-84	-131	-188	-256	-335
				C.C. U6	0	-5	-21	-47	-84	-131	-188	-256	-335
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.2	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.3	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.4	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C. U1	-329	-252	-185	-129	-82	-46	-21	-5	0
				C.C. U2	-329	-252	-185	-129	-82	-46	-21	-5	0
				C.C. U3	-329	-252	-185	-129	-82	-46	-21	-5	0
				C.C. U4	-329	-252	-185	-129	-82	-46	-21	-5	0
				C.C. U5	-335	-256	-188	-131	-84	-47	-21	-5	0
				C.C. U6	-335	-256	-188	-131	-84	-47	-21	-5	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-57	-12	34	79	124	-	-	-	-
				C.C.2	-57	-12	34	79	124	-	-	-	-
				C.C.3	-51	-9	33	75	117	-	-	-	-
				C.C.4	-63	-14	34	83	132	-	-	-	-
				C.C. U1	-68	-16	36	89	141	-	-	-	-
				C.C. U2	-65	-14	37	87	138	-	-	-	-
				C.C. U3	-78	-21	37	94	151	-	-	-	-
				C.C. U4	-61	-7	41	83	119	-	-	-	-
				C.C. U5	-62	-12	37	86	136	-	-	-	-
				C.C. U6	-62	-12	37	86	136	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-59	-12	34	80	127	-	-	-	-
				C.C.2	-59	-12	34	80	127	-	-	-	-
				C.C.3	-53	-10	33	76	119	-	-	-	-
				C.C.4	-65	-15	35	84	134	-	-	-	-
				C.C. U1	-73	-21	34	93	154	-	-	-	-
				C.C. U2	-66	-15	37	88	140	-	-	-	-
				C.C. U3	-80	-22	37	95	154	-	-	-	-
				C.C. U4	-63	-8	41	85	122	-	-	-	-
				C.C. U5	-64	-13	37	88	138	-	-	-	-
				C.C. U6	-64	-13	37	88	138	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-145	-87	-28	30	88	-	-	-	-

				C.C.2	-145	-87	-28	30	88	-	-	-	-
				C.C.3	-144	-86	-28	30	88	-	-	-	-
				C.C.4	-147	-88	-29	30	89	-	-	-	-
				C.C. U1	-167	-99	-31	37	105	-	-	-	-
				C.C. U2	-164	-98	-31	36	102	-	-	-	-
				C.C. U3	-175	-105	-32	42	118	-	-	-	-
				C.C. U4	-154	-93	-31	30	92	-	-	-	-
				C.C. U5	-163	-97	-31	35	100	-	-	-	-
				C.C. U6	-163	-97	-31	35	100	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-144	-86	-28	30	88	-	-	-	-
				C.C.2	-144	-86	-28	30	88	-	-	-	-
				C.C.3	-142	-85	-28	30	87	-	-	-	-
				C.C.4	-145	-87	-28	30	88	-	-	-	-
				C.C. U1	-166	-102	-34	39	119	-	-	-	-
				C.C. U2	-163	-97	-31	36	102	-	-	-	-
				C.C. U3	-174	-104	-32	42	118	-	-	-	-
				C.C. U4	-153	-92	-31	30	91	-	-	-	-
				C.C. U5	-161	-96	-31	35	100	-	-	-	-
				C.C. U6	-161	-96	-31	35	100	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	283	182	81	-20	-120	-	-	-	-
				C.C.2	283	182	81	-20	-120	-	-	-	-
				C.C.3	278	183	88	-7	-102	-	-	-	-
				C.C.4	288	181	75	-32	-138	-	-	-	-
				C.C. U1	320	209	98	-13	-124	-	-	-	-
				C.C. U2	320	208	96	-14	-124	-	-	-	-
				C.C. U3	314	201	94	-7	-101	-	-	-	-
				C.C. U4	336	215	93	-29	-150	-	-	-	-
				C.C. U5	314	203	91	-20	-131	-	-	-	-
				C.C. U6	314	203	91	-20	-131	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	289	184	80	-25	-129	-	-	-	-
				C.C.2	289	184	80	-25	-129	-	-	-	-
				C.C.3	284	185	86	-12	-111	-	-	-	-
				C.C.4	294	183	73	-37	-147	-	-	-	-
				C.C. U1	323	208	95	-17	-126	-	-	-	-
				C.C. U2	335	214	92	-29	-150	-	-	-	-
				C.C. U3	320	203	92	-13	-111	-	-	-	-
				C.C. U4	342	217	91	-34	-159	-	-	-	-
				C.C. U5	320	205	90	-25	-140	-	-	-	-
				C.C. U6	320	205	90	-25	-140	-	-	-	-

#### 4.3.15 Momento Flettente - Combinazioni SLE Quasi Permanenti.

I prospetti seguenti riportano i valori del momento flettente (Mxz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 67.I

Momento Flettente (Mxz) [daNm] - Combinazioni SLE Quasi Permanenti													
Asta	Imp.	Fili	L [cm]	Comb.	Mxz <sub>1</sub>	Mxz <sub>2</sub>	Mxz <sub>3</sub>	Mxz <sub>4</sub>	Mxz <sub>5</sub>	Mxz <sub>6</sub>	Mxz <sub>7</sub>	Mxz <sub>8</sub>	Mxz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	64	56	45	31	14	-6	-28	-54	-82
				C.C.2	64	56	45	31	14	-6	-28	-54	-82
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-122	-112	-106	-105	-109	-118	-131	-150	-173
				C.C.2	-122	-112	-106	-105	-109	-118	-131	-150	-173
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-176	-154	-136	-124	-117	-115	-117	-124	-136
				C.C.2	-176	-154	-136	-124	-117	-115	-117	-124	-136
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-100	-66	-35	-7	18	40	60	76	90
				C.C.2	-100	-66	-35	-7	18	40	60	76	90
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-17	-23	-32	-43	-56	-72	-90	-111	-134
				C.C.2	-17	-23	-32	-43	-56	-72	-90	-111	-134

6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-120	-114	-111	-110	-111	-115	-122	-131	-142
				C.C.2	-120	-114	-111	-110	-111	-115	-122	-131	-142
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-4	-15	-28	-43	-60	-80	-103	-128	-155
				C.C.2	-4	-15	-28	-43	-60	-80	-103	-128	-155
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-122	-115	-111	-109	-109	-112	-118	-126	-136
				C.C.2	-122	-115	-111	-109	-109	-112	-118	-126	-136
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	8	26	41	54	65	73	79	82	83
				C.C.2	8	26	41	54	65	73	79	82	83
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-19	5	25	44	60	73	85	93	100
				C.C.2	-19	5	25	44	60	73	85	93	100
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	70	63	52	36	16	-9	-39	-73	-113
				C.C.2	70	63	52	36	16	-9	-39	-73	-113
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	-201	-179	-163	-153	-150	-153	-162	-178	-200
				C.C.2	-201	-179	-163	-153	-150	-153	-162	-178	-200
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-106	-66	-31	-1	25	46	62	74	81
				C.C.2	-106	-66	-31	-1	25	46	62	74	81
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-351	-85	105	219	257	219	105	-86	-352
				C.C.2	-351	-85	105	219	257	219	105	-86	-352
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	108	195	243	252	222	152	43	-105	-293
				C.C.2	108	195	243	252	222	152	43	-105	-293
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	-2	-7	-16	-28	-44	-63	-86	-112
				C.C.2	0	-2	-7	-16	-28	-44	-63	-86	-112
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.2	-16	-12	-9	-6	-4	-2	-1	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	109	195	243	251	220	150	40	-110	-298
				C.C.2	109	195	243	251	220	150	40	-110	-298
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-112	-86	-63	-44	-28	-16	-7	-2	0
				C.C.2	-112	-86	-63	-44	-28	-16	-7	-2	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	-16	-12	-9	-6	-4	-2	-1	0	0
				C.C.2	-16	-12	-9	-6	-4	-2	-1	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-335	-335	-345	-366	-398	-442	-496	-561	-637
				C.C.2	-335	-335	-345	-366	-398	-442	-496	-561	-637
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-340	-337	-346	-366	-397	-438	-491	-554	-629
				C.C.2	-340	-337	-346	-366	-397	-438	-491	-554	-629
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-548	-171	98	260	314	261	100	-168	-544
				C.C.2	-548	-171	98	260	314	261	100	-168	-544
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-5	-18	-41	-73	-114	-164	-223	-292
				C.C.2	0	-5	-18	-41	-73	-114	-164	-223	-292
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	-292	-223	-164	-114	-73	-41	-18	-5	0
				C.C.2	-292	-223	-164	-114	-73	-41	-18	-5	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-57	-12	34	79	124	-	-	-	-
				C.C.2	-57	-12	34	79	124	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-59	-12	34	80	127	-	-	-	-
				C.C.2	-59	-12	34	80	127	-	-	-	-
28	piano 1	3	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-145	-87	-28	30	88	-	-	-	-
				C.C.2	-145	-87	-28	30	88	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-144	-86	-28	30	88	-	-	-	-
				C.C.2	-144	-86	-28	30	88	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	283	182	81	-20	-120	-	-	-	-
				C.C.2	283	182	81	-20	-120	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	289	184	80	-25	-129	-	-	-	-
				C.C.2	289	184	80	-25	-129	-	-	-	-

#### 4.3.16 Taglio X-Z - Combinazioni SLV.

I prospetti seguenti riportano i valori del taglio (Txz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 68.1

Asta	Imp.	Fili	L [cm]	Taglio (Txz) [daN] - Combinazioni SLV									
				Comb.	Txz <sub>1</sub>	Txz <sub>2</sub>	Txz <sub>3</sub>	Txz <sub>4</sub>	Txz <sub>5</sub>	Txz <sub>6</sub>	Txz <sub>7</sub>	Txz <sub>8</sub>	Txz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-194	-238	-284	-330	-377	-424	-473	-522	-572
				C.C.2	-198	-242	-287	-334	-380	-428	-477	-526	-576
				C.C.3	-190	-235	-280	-326	-373	-421	-469	-518	-568
				C.C.4	-96	-153	-210	-268	-327	-386	-446	-506	-567
				C.C.5	-83	-140	-198	-256	-314	-373	-433	-493	-554
				C.C.6	-1097	-1161	-1223	-1285	-1345	-1405	-1464	-1523	-1582
				C.C.7	-949	-1014	-1078	-1141	-1202	-1264	-1324	-1384	-1444
				C.C.8	-1313	-1346	-1377	-1408	-1439	-1469	-1499	-1528	-1558
				C.C.9	-1164	-1199	-1232	-1264	-1296	-1327	-1358	-1389	-1420
				C.C.10	986	950	911	871	830	787	742	697	650
				C.C.11	1135	1097	1057	1015	973	928	883	836	788
				C.C.12	771	765	757	748	736	723	708	692	675
				C.C.13	919	912	903	892	879	865	849	831	812
				C.C.14	-160	-250	-339	-428	-517	-605	-693	-781	-869
				C.C.15	76	-17	-108	-199	-290	-381	-471	-560	-650
				C.C.16	465	383	301	218	136	52	-31	-115	-199
				C.C.17	701	617	532	447	362	277	191	106	20
				C.C.18	-879	-866	-853	-840	-829	-818	-807	-798	-789
				C.C.19	-643	-632	-622	-612	-602	-593	-585	-577	-570
				C.C.20	-254	-232	-212	-194	-176	-160	-145	-132	-119
				C.C.21	-18	1	19	35	51	65	77	89	100
				C.C. U1	-203	-247	-292	-338	-385	-433	-481	-531	-581
				C.C. U2	-176	-224	-272	-320	-370	-420	-472	-523	-576
				C.C. U3	-174	-223	-272	-322	-373	-425	-477	-530	-584
				C.C. U4	-165	-208	-252	-298	-343	-390	-438	-486	-536
				C.C. U5	-138	-185	-232	-280	-328	-378	-428	-479	-531
				C.C. U6	-111	-158	-206	-254	-303	-354	-405	-456	-509
				C.C. U7	-184	-229	-276	-323	-371	-420	-470	-520	-571
				C.C. U8	-157	-206	-255	-305	-356	-407	-460	-513	-567
				C.C. U9	-143	-193	-245	-297	-349	-403	-457	-512	-568
				C.C. U10	-211	-253	-296	-340	-384	-430	-476	-523	-571
				C.C. U11	-185	-230	-275	-322	-369	-417	-466	-516	-567
				C.C. U12	-188	-233	-278	-325	-372	-420	-468	-518	-568
				C.C. U13	-199	-242	-287	-332	-378	-425	-473	-522	-571
				C.C. U14	-172	-219	-266	-314	-363	-413	-463	-514	-566
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	151	88	24	-41	-106	-172	-239	-306	-373
				C.C.2	148	85	21	-44	-110	-176	-243	-310	-377
				C.C.3	154	91	28	-37	-103	-169	-235	-302	-370
				C.C.4	216	140	62	-15	-94	-172	-252	-331	-411
				C.C.5	227	151	74	-4	-82	-161	-240	-319	-399
				C.C.6	83	11	-60	-130	-201	-270	-339	-408	-476
				C.C.7	111	38	-34	-106	-177	-246	-317	-386	-454
				C.C.8	-102	-138	-173	-209	-245	-281	-315	-350	-384

				C.C.9	-74	-111	-148	-185	-221	-258	-292	-327	-362
				C.C.10	337	278	217	155	91	28	-38	-105	-172
				C.C.11	365	304	242	179	115	51	-16	-82	-150
				C.C.12	153	129	103	76	47	16	-14	-47	-80
				C.C.13	181	156	129	101	71	40	9	-24	-58
				C.C.14	378	270	162	54	-54	-159	-269	-377	-484
				C.C.15	423	312	202	93	-16	-123	-233	-341	-449
				C.C.16	455	350	245	139	34	-70	-179	-286	-393
				C.C.17	499	392	285	178	71	-34	-143	-250	-357
				C.C.18	-236	-226	-216	-208	-201	-196	-188	-182	-177
				C.C.19	-191	-183	-176	-169	-163	-160	-152	-147	-141
				C.C.20	-159	-146	-134	-123	-113	-107	-98	-91	-85
				C.C.21	-115	-103	-93	-84	-76	-71	-62	-56	-50
				C.C. U1	150	86	22	-43	-108	-175	-242	-309	-377
				C.C. U2	166	99	32	-36	-105	-174	-244	-315	-385
				C.C. U3	173	105	37	-33	-103	-174	-245	-317	-389
				C.C. U4	149	87	24	-40	-105	-170	-236	-303	-369
				C.C. U5	166	100	34	-33	-101	-170	-239	-308	-378
				C.C. U6	173	107	39	-29	-97	-167	-236	-307	-377
				C.C. U7	158	93	28	-38	-105	-173	-241	-309	-378
				C.C. U8	174	106	38	-32	-102	-172	-244	-315	-387
				C.C. U9	187	117	46	-26	-98	-171	-244	-318	-391
				C.C. U10	136	76	15	-48	-111	-174	-239	-303	-368
				C.C. U11	153	89	24	-41	-107	-174	-241	-309	-377
				C.C. U12	151	88	24	-41	-107	-173	-240	-307	-375
				C.C. U13	146	84	21	-43	-108	-174	-240	-306	-372
				C.C. U14	162	97	31	-37	-105	-173	-242	-311	-381
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	348	281	214	147	81	15	-50	-114	-178
				C.C.2	352	285	217	151	84	18	-47	-111	-174
				C.C.3	345	277	210	144	77	12	-54	-118	-181
				C.C.4	391	312	232	153	74	-5	-83	-160	-237
				C.C.5	379	300	220	141	62	-16	-94	-171	-248
				C.C.6	93	25	-42	-109	-174	-238	-302	-364	-425
				C.C.7	118	50	-17	-84	-148	-211	-274	-335	-395
				C.C.8	-8	-42	-75	-107	-139	-169	-198	-225	-251
				C.C.9	16	-17	-50	-81	-113	-142	-170	-196	-221
				C.C.10	489	421	352	282	213	142	71	-1	-74
				C.C.11	513	445	377	307	239	169	99	28	-43
				C.C.12	387	353	319	284	248	211	175	138	101
				C.C.13	412	378	344	310	274	238	203	167	131
				C.C.14	342	235	128	17	-87	-194	-301	-408	-514
				C.C.15	381	274	167	57	-45	-151	-256	-362	-466
				C.C.16	461	354	246	134	29	-80	-189	-299	-409
				C.C.17	500	393	286	174	71	-37	-145	-253	-361
				C.C.18	5	10	16	26	29	37	46	55	67
				C.C.19	44	50	56	67	71	80	90	101	115
				C.C.20	123	129	134	143	145	151	157	164	172
				C.C.21	163	168	174	184	187	194	202	210	220
				C.C. U1	348	280	213	146	79	13	-53	-117	-181
				C.C. U2	358	287	217	147	77	7	-61	-129	-196
				C.C. U3	360	288	216	144	73	2	-68	-137	-206
				C.C. U4	352	285	219	152	87	21	-43	-107	-169
				C.C. U5	362	292	222	153	84	16	-52	-118	-184
				C.C. U6	366	296	225	155	86	17	-52	-120	-186
				C.C. U7	353	285	216	148	80	13	-54	-119	-184
				C.C. U8	363	291	220	148	78	7	-62	-131	-199
				C.C. U9	369	295	221	148	75	2	-70	-141	-211
				C.C. U10	342	277	212	148	84	21	-42	-103	-164
				C.C. U11	352	284	216	149	82	15	-50	-115	-179
				C.C. U12	350	283	215	148	82	16	-49	-114	-177
				C.C. U13	347	280	214	148	82	17	-47	-111	-173
				C.C. U14	357	287	218	149	80	12	-56	-122	-188
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	689	638	589	540	492	445	399	354	309
				C.C.2	693	642	593	544	496	449	403	358	313
				C.C.3	685	634	585	536	489	442	395	350	305
				C.C.4	661	600	539	479	420	361	303	246	189
				C.C.5	647	586	526	466	407	348	290	233	176
				C.C.6	-646	-694	-741	-786	-831	-874	-916	-956	-994
				C.C.7	-513	-560	-605	-650	-693	-735	-775	-814	-851
				C.C.8	-631	-650	-668	-684	-699	-712	-724	-733	-740

				C.C.9	-498	-516	-533	-548	-562	-573	-583	-591	-597
				C.C.10	1406	1347	1287	1227	1166	1104	1041	977	912
				C.C.11	1539	1481	1422	1363	1303	1243	1182	1119	1056
				C.C.12	1421	1390	1360	1329	1297	1266	1233	1200	1166
				C.C.13	1554	1524	1495	1465	1435	1405	1374	1342	1309
				C.C.14	16	-69	-155	-241	-326	-411	-496	-580	-665
				C.C.15	227	143	59	-24	-108	-191	-273	-355	-437
				C.C.16	632	543	453	363	273	182	91	-1	-93
				C.C.17	843	755	668	580	491	403	314	224	135
				C.C.18	65	75	87	99	113	128	144	162	181
				C.C.19	276	288	301	315	331	348	367	387	408
				C.C.20	680	687	695	703	712	721	731	742	753
				C.C.21	891	900	909	919	930	942	954	967	980
				C.C. U1	680	629	579	530	482	435	388	342	297
				C.C. U2	670	617	565	513	462	412	363	314	266
				C.C. U3	663	608	554	501	449	397	346	296	247
				C.C. U4	711	661	612	564	517	470	424	379	335
				C.C. U5	701	649	597	547	497	447	399	351	304
				C.C. U6	714	661	609	557	506	456	407	358	310
				C.C. U7	687	636	585	535	486	438	391	344	299
				C.C. U8	678	624	571	518	467	416	366	316	268
				C.C. U9	675	619	564	510	456	403	351	299	249
				C.C. U10	693	645	597	551	505	461	417	374	331
				C.C. U11	683	633	583	534	485	438	391	345	300
				C.C. U12	684	634	584	535	487	440	394	348	303
				C.C. U13	690	640	591	543	496	450	405	360	316
				C.C. U14	680	628	577	526	477	428	379	332	285
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-186	-225	-263	-302	-341	-380	-420	-459	-498
				C.C.2	-188	-227	-266	-305	-344	-383	-422	-461	-500
				C.C.3	-184	-222	-261	-300	-339	-378	-417	-456	-495
				C.C.4	-63	-115	-166	-218	-270	-323	-375	-428	-481
				C.C.5	-56	-107	-159	-211	-263	-315	-368	-421	-474
				C.C.6	-111	-175	-235	-295	-354	-410	-463	-503	-525
				C.C.7	-206	-271	-332	-392	-451	-508	-561	-602	-624
				C.C.8	370	330	293	256	218	181	144	107	70
				C.C.9	275	234	197	159	121	83	-53	-115	-177
				C.C.10	-407	-430	-456	-482	-508	-535	-563	-591	-618
				C.C.11	-502	-525	-552	-579	-606	-633	-660	-687	-714
				C.C.12	74	75	73	69	64	56	44	31	18
				C.C.13	-20	-20	-23	-28	-34	-42	-50	-58	-66
				C.C.14	-748	-825	-901	-975	-1046	-1115	-1184	-1253	-1322
				C.C.15	-899	-977	-1054	-1129	-1201	-1270	-1339	-1408	-1477
				C.C.16	-837	-902	-968	-1031	-1093	-1152	-1211	-1270	-1329
				C.C.17	-987	-1053	-1120	-1185	-1248	-1308	-1367	-1426	-1485
				C.C.18	856	858	862	862	860	856	844	832	820
				C.C.19	705	706	709	708	705	700	693	686	679
				C.C.20	767	782	795	806	814	818	814	800	786
				C.C.21	617	630	643	652	659	663	663	657	643
				C.C. U1	-193	-232	-270	-309	-348	-386	-425	-464	-502
				C.C. U2	-156	-197	-239	-280	-322	-364	-406	-448	-490
				C.C. U3	-160	-203	-246	-289	-331	-374	-417	-460	-503
				C.C. U4	-192	-229	-267	-304	-342	-380	-418	-456	-493
				C.C. U5	-154	-194	-235	-276	-317	-358	-399	-440	-481
				C.C. U6	-157	-198	-239	-281	-322	-364	-405	-447	-489
				C.C. U7	-220	-259	-298	-338	-377	-417	-456	-496	-535
				C.C. U8	-182	-224	-267	-309	-352	-395	-437	-480	-522
				C.C. U9	-204	-248	-292	-337	-381	-425	-470	-514	-558
				C.C. U10	-133	-169	-206	-243	-280	-318	-355	-393	-430
				C.C. U11	-95	-135	-175	-215	-255	-295	-336	-377	-418
				C.C. U12	-59	-99	-139	-179	-219	-260	-301	-342	-384
				C.C. U13	-186	-224	-262	-300	-338	-377	-415	-453	-491
				C.C. U14	-149	-189	-230	-272	-313	-354	-396	-437	-479
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	33	-6	-45	-83	-121	-159	-197	-234	-270
				C.C.2	31	-8	-47	-85	-124	-162	-199	-236	-273
				C.C.3	35	-3	-42	-81	-119	-157	-195	-232	-268
				C.C.4	152	99	46	-7	-60	-113	-166	-219	-272
				C.C.5	160	107	54	0	-53	-106	-159	-211	-264
				C.C.6	-341	-401	-460	-520	-578	-636	-693	-750	-805
				C.C.7	-439	-499	-559	-618	-676	-734	-791	-847	-902
				C.C.8	358	311	264	215	165	115	64	11	-42



				C.C.9	260	213	165	117	67	17	-34	-86	-139
				C.C.10	-74	-92	-110	-127	-142	-157	-171	-184	-195
				C.C.11	-172	-190	-208	-225	-241	-255	-269	-281	-292
				C.C.12	625	620	614	608	601	594	586	577	568
				C.C.13	527	522	516	510	503	495	488	480	471
				C.C.14	-1034	-1095	-1154	-1210	-1264	-1316	-1365	-1411	-1454
				C.C.15	-1189	-1251	-1309	-1366	-1420	-1471	-1520	-1565	-1608
				C.C.16	-954	-1002	-1048	-1092	-1133	-1172	-1208	-1241	-1271
				C.C.17	-1109	-1158	-1204	-1248	-1289	-1328	-1363	-1396	-1425
				C.C.18	1296	1279	1260	1238	1214	1187	1158	1126	1091
				C.C.19	1140	1123	1104	1082	1058	1032	1002	971	936
				C.C.20	1376	1372	1365	1356	1345	1331	1314	1295	1273
				C.C.21	1220	1216	1209	1200	1189	1175	1159	1141	1119
				C.C. U1	30	-8	-46	-84	-122	-159	-196	-232	-268
				C.C. U2	75	33	-9	-50	-91	-132	-173	-213	-252
				C.C. U3	60	17	-26	-68	-110	-152	-194	-235	-275
				C.C. U4	39	1	-36	-73	-110	-147	-183	-219	-254
				C.C. U5	84	43	2	-39	-79	-120	-160	-199	-238
				C.C. U6	75	33	-8	-50	-91	-132	-172	-212	-252
				C.C. U7	-1	-40	-78	-117	-155	-192	-229	-266	-301
				C.C. U8	44	2	-41	-82	-124	-165	-206	-246	-286
				C.C. U9	8	-35	-79	-122	-165	-207	-249	-291	-331
				C.C. U10	76	39	1	-36	-73	-110	-146	-182	-218
				C.C. U11	121	80	39	-2	-42	-83	-123	-162	-202
				C.C. U12	137	95	54	13	-29	-70	-110	-151	-191
				C.C. U13	41	3	-35	-73	-110	-147	-184	-220	-256
				C.C. U14	86	44	3	-38	-79	-120	-160	-200	-240
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-280	-319	-358	-397	-436	-476	-515	-554	-593
				C.C.2	-283	-322	-361	-400	-439	-478	-518	-557	-596
				C.C.3	-278	-316	-355	-394	-434	-473	-512	-551	-591
				C.C.4	-142	-193	-245	-297	-349	-402	-455	-508	-561
				C.C.5	-133	-184	-236	-288	-340	-393	-446	-499	-552
				C.C.6	-541	-562	-585	-612	-638	-664	-690	-718	-761
				C.C.7	-456	-476	-499	-525	-550	-576	-602	-629	-672
				C.C.8	-128	-127	-127	-131	-136	-143	-151	-163	-191
				C.C.9	-43	-41	-40	-44	-48	-55	-63	-74	-102
				C.C.10	-203	-269	-334	-395	-454	-513	-570	-624	-663
				C.C.11	-118	-183	-247	-307	-367	-425	-482	-535	-573
				C.C.12	209	166	125	86	47	8	-31	-69	-93
				C.C.13	294	252	211	174	135	96	57	20	-3
				C.C.14	-929	-993	-1058	-1122	-1185	-1245	-1303	-1359	-1418
				C.C.15	-794	-856	-920	-984	-1046	-1105	-1162	-1218	-1276
				C.C.16	-828	-905	-982	-1057	-1130	-1200	-1267	-1331	-1388
				C.C.17	-693	-768	-845	-919	-991	-1060	-1126	-1190	-1247
				C.C.18	446	458	471	481	488	492	493	491	483
				C.C.19	581	595	608	619	627	632	634	632	624
				C.C.20	548	546	546	546	543	537	529	520	512
				C.C.21	682	683	684	684	682	677	670	661	653
				C.C. U1	-318	-357	-396	-435	-474	-513	-552	-591	-630
				C.C. U2	-277	-319	-361	-403	-446	-488	-530	-572	-615
				C.C. U3	-298	-342	-385	-428	-472	-516	-559	-603	-646
				C.C. U4	-279	-317	-355	-394	-433	-471	-510	-549	-588
				C.C. U5	-238	-279	-321	-363	-404	-446	-488	-530	-573
				C.C. U6	-233	-275	-318	-361	-403	-446	-490	-533	-576
				C.C. U7	-311	-351	-391	-430	-470	-509	-549	-588	-628
				C.C. U8	-271	-313	-356	-399	-442	-484	-527	-570	-612
				C.C. U9	-287	-332	-376	-421	-465	-510	-554	-598	-643
				C.C. U10	-236	-272	-309	-346	-384	-421	-459	-497	-534
				C.C. U11	-195	-235	-275	-315	-356	-396	-437	-478	-519
				C.C. U12	-161	-201	-241	-281	-322	-363	-404	-445	-487
				C.C. U13	-283	-321	-359	-397	-435	-474	-512	-551	-589
				C.C. U14	-242	-283	-324	-366	-407	-449	-490	-532	-574
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	59	20	-19	-58	-96	-134	-172	-209	-245
				C.C.2	56	17	-22	-60	-99	-137	-174	-212	-248
				C.C.3	62	23	-16	-55	-93	-131	-169	-206	-243
				C.C.4	172	118	65	12	-42	-95	-148	-201	-253
				C.C.5	181	127	74	21	-33	-86	-139	-192	-244
				C.C.6	-227	-248	-267	-285	-301	-316	-330	-343	-354
				C.C.7	-131	-151	-170	-188	-204	-220	-234	-247	-259
				C.C.8	474	467	460	453	445	438	429	421	412

				C.C.9	571	564	557	550	542	534	526	517	508
				C.C.10	-357	-415	-474	-532	-590	-648	-705	-761	-815
				C.C.11	-260	-319	-377	-436	-494	-551	-608	-664	-720
				C.C.12	345	300	253	205	156	106	55	3	-49
				C.C.13	441	397	350	302	253	203	152	100	47
				C.C.14	-1120	-1169	-1216	-1260	-1302	-1340	-1376	-1409	-1438
				C.C.15	-966	-1016	-1063	-1107	-1148	-1187	-1223	-1256	-1286
				C.C.16	-1159	-1219	-1278	-1335	-1389	-1440	-1488	-1534	-1576
				C.C.17	-1005	-1066	-1125	-1181	-1235	-1286	-1335	-1382	-1425
				C.C.18	1219	1214	1207	1198	1186	1173	1157	1138	1117
				C.C.19	1373	1368	1361	1352	1340	1326	1310	1290	1269
				C.C.20	1181	1164	1145	1124	1100	1073	1044	1013	979
				C.C.21	1334	1318	1299	1277	1253	1227	1197	1165	1130
				C.C. U1	25	-14	-52	-91	-128	-166	-203	-239	-275
				C.C. U2	67	25	-17	-59	-100	-141	-182	-222	-262
				C.C. U3	32	-11	-54	-97	-139	-182	-223	-264	-305
				C.C. U4	67	28	-10	-48	-86	-124	-161	-198	-234
				C.C. U5	109	67	25	-17	-58	-99	-140	-181	-221
				C.C. U6	102	59	16	-27	-69	-112	-154	-195	-236
				C.C. U7	23	-16	-55	-93	-131	-169	-206	-242	-278
				C.C. U8	65	23	-19	-61	-103	-144	-185	-225	-265
				C.C. U9	30	-14	-58	-101	-144	-186	-228	-270	-311
				C.C. U10	101	64	26	-11	-48	-85	-121	-158	-193
				C.C. U11	144	103	62	21	-20	-60	-101	-141	-180
				C.C. U12	160	119	77	36	-6	-47	-88	-128	-169
				C.C. U13	66	28	-10	-48	-86	-123	-159	-196	-231
				C.C. U14	108	67	25	-16	-57	-98	-139	-179	-218
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	369	336	303	272	240	210	180	150	121
				C.C.2	376	343	311	279	248	217	187	158	129
				C.C.3	362	328	296	264	233	202	172	142	113
				C.C.4	378	326	275	224	173	122	72	22	-28
				C.C.5	353	302	250	199	148	97	47	-4	-54
				C.C.6	-12	-62	-113	-164	-213	-264	-313	-361	-408
				C.C.7	-24	-72	-122	-171	-219	-268	-315	-361	-406
				C.C.8	-20	-74	-133	-193	-255	-321	-389	-458	-529
				C.C.9	-31	-84	-142	-201	-261	-325	-391	-458	-527
				C.C.10	512	503	499	496	496	499	505	512	521
				C.C.11	501	493	490	489	490	495	503	513	524
				C.C.12	505	491	479	467	454	442	429	415	400
				C.C.13	494	481	471	459	448	438	427	415	403
				C.C.14	183	153	126	104	85	71	62	58	57
				C.C.15	165	137	112	92	76	65	60	58	62
				C.C.16	341	322	310	302	298	300	308	320	336
				C.C.17	323	306	296	290	289	294	305	320	341
				C.C.18	159	113	61	5	-54	-120	-191	-266	-346
				C.C.19	141	97	47	-6	-63	-126	-194	-266	-342
				C.C.20	316	282	245	204	159	109	55	-4	-67
				C.C.21	298	266	231	192	150	103	52	-4	-63
				C.C. U1	365	333	302	272	242	213	184	156	128
				C.C. U2	360	324	288	253	218	184	150	117	84
				C.C. U3	364	327	290	254	219	184	149	115	82
				C.C. U4	368	337	306	275	246	217	188	160	133
				C.C. U5	363	327	291	256	222	188	154	121	88
				C.C. U6	369	332	296	260	225	190	156	122	89
				C.C. U7	344	312	281	251	222	193	165	138	111
				C.C. U8	339	303	267	232	198	164	131	99	67
				C.C. U9	329	292	255	220	185	151	118	86	54
				C.C. U10	369	337	305	274	243	212	182	153	123
				C.C. U11	365	328	291	255	219	183	148	114	79
				C.C. U12	371	333	295	257	220	183	147	110	74
				C.C. U13	365	333	302	271	240	211	182	153	125
				C.C. U14	360	324	287	252	217	182	148	114	81
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	489	455	423	391	360	329	300	270	241
				C.C.2	497	464	431	399	368	338	308	278	249
				C.C.3	481	447	415	383	352	321	291	262	233
				C.C.4	474	422	370	319	268	218	168	118	68
				C.C.5	447	395	344	292	241	191	140	90	40
				C.C.6	705	699	697	698	702	708	716	726	737
				C.C.7	698	691	687	687	689	693	699	707	716
				C.C.8	570	558	547	539	529	519	508	497	485

				C.C.9	563	549	538	528	517	505	492	478	464
				C.C.10	56	7	-43	-94	-144	-192	-240	-286	-331
				C.C.11	49	-1	-52	-105	-157	-207	-256	-304	-352
				C.C.12	-79	-134	-192	-254	-317	-381	-447	-514	-583
				C.C.13	-86	-142	-202	-265	-329	-395	-463	-533	-604
				C.C.14	638	624	615	610	610	617	628	644	664
				C.C.15	627	611	600	593	591	594	602	614	631
				C.C.16	443	417	393	372	357	347	341	340	344
				C.C.17	432	404	378	355	337	324	315	311	310
				C.C.18	187	153	117	78	36	-12	-63	-118	-177
				C.C.19	176	140	102	61	16	-35	-89	-148	-210
				C.C.20	-8	-55	-105	-159	-218	-282	-350	-422	-497
				C.C.21	-19	-67	-120	-177	-238	-305	-376	-451	-531
				C.C. U1	470	438	407	377	347	318	290	262	235
				C.C. U2	459	422	387	351	317	283	250	217	185
				C.C. U3	451	413	377	341	306	271	237	204	171
				C.C. U4	481	449	417	386	355	325	296	267	238
				C.C. U5	470	433	397	361	325	290	256	222	188
				C.C. U6	470	431	393	356	319	283	247	212	177
				C.C. U7	475	444	413	383	353	325	297	270	244
				C.C. U8	464	428	392	357	323	290	257	225	193
				C.C. U9	460	423	386	351	316	282	249	217	185
				C.C. U10	484	451	419	388	357	327	297	268	238
				C.C. U11	473	436	399	363	327	292	257	222	188
				C.C. U12	474	435	397	360	323	286	249	213	177
				C.C. U13	486	454	422	392	362	332	303	275	247
				C.C. U14	475	438	402	367	332	297	263	229	196
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	-225	-270	-317	-365	-414	-465	-516	-569	-622
				C.C.2	-230	-276	-323	-371	-420	-470	-522	-575	-628
				C.C.3	-219	-265	-312	-360	-409	-459	-510	-563	-617
				C.C.4	-15	-87	-160	-234	-309	-385	-461	-538	-617
				C.C.5	3	-69	-142	-216	-290	-366	-442	-519	-597
				C.C.6	-835	-883	-929	-973	-1016	-1057	-1097	-1136	-1175
				C.C.7	-930	-975	-1018	-1060	-1100	-1139	-1177	-1215	-1253
				C.C.8	-360	-444	-525	-604	-680	-754	-827	-899	-969
				C.C.9	-455	-536	-614	-690	-764	-837	-908	-978	-1047
				C.C.10	362	356	345	331	314	294	272	247	219
				C.C.11	268	264	256	245	230	212	192	168	142
				C.C.12	837	795	750	701	650	597	541	484	426
				C.C.13	742	703	661	615	566	514	461	405	348
				C.C.14	-942	-935	-929	-923	-917	-912	-908	-904	-905
				C.C.15	-1092	-1081	-1070	-1060	-1050	-1042	-1036	-1030	-1028
				C.C.16	-583	-564	-546	-531	-518	-507	-497	-490	-487
				C.C.17	-733	-709	-687	-668	-652	-637	-625	-615	-610
				C.C.18	641	529	419	310	202	95	-11	-116	-217
				C.C.19	491	384	278	173	68	-35	-139	-241	-340
				C.C.20	1000	901	801	701	601	500	400	299	201
				C.C.21	850	755	660	564	467	370	272	174	78
				C.C. U1	-236	-280	-324	-370	-418	-466	-516	-566	-618
				C.C. U2	-179	-229	-281	-333	-387	-442	-498	-555	-613
				C.C. U3	-172	-223	-275	-329	-383	-438	-495	-552	-611
				C.C. U4	-222	-266	-311	-358	-406	-455	-505	-556	-609
				C.C. U5	-164	-215	-267	-321	-375	-431	-487	-545	-604
				C.C. U6	-148	-200	-253	-307	-363	-419	-477	-536	-596
				C.C. U7	-266	-309	-352	-397	-443	-490	-538	-588	-638
				C.C. U8	-209	-258	-308	-360	-412	-466	-521	-576	-633
				C.C. U9	-223	-272	-321	-372	-424	-478	-532	-588	-644
				C.C. U10	-210	-256	-303	-352	-401	-452	-504	-558	-612
				C.C. U11	-152	-205	-260	-315	-371	-428	-487	-546	-607
				C.C. U12	-128	-184	-240	-297	-356	-415	-476	-538	-600
				C.C. U13	-233	-278	-323	-370	-418	-467	-518	-570	-622
				C.C. U14	-176	-227	-280	-333	-388	-443	-500	-558	-617
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	252	190	128	65	1	-62	-125	-188	-249
				C.C.2	252	191	128	65	1	-62	-125	-188	-249
				C.C.3	252	190	128	65	1	-62	-125	-187	-249
				C.C.4	361	272	182	92	2	-88	-178	-268	-357
				C.C.5	360	271	182	92	2	-88	-178	-267	-355
				C.C.6	88	45	4	-36	-74	-111	-147	-180	-211
				C.C.7	49	8	-32	-72	-110	-147	-183	-217	-249
				C.C.8	240	162	85	9	-65	-138	-209	-278	-345

				C.C.9	202	124	48	-27	-101	-174	-245	-315	-384
				C.C.10	244	212	177	141	104	65	25	-16	-57
				C.C.11	206	174	141	105	68	29	-11	-53	-95
				C.C.12	397	328	258	186	113	38	-37	-114	-191
				C.C.13	358	291	221	150	77	2	-74	-151	-229
				C.C.14	-24	-21	-18	-15	-12	-8	-3	3	11
				C.C.15	-85	-80	-76	-72	-69	-65	-61	-56	-50
				C.C.16	23	29	34	38	41	45	48	52	57
				C.C.17	-38	-30	-24	-19	-16	-12	-10	-7	-4
				C.C.18	484	366	250	133	18	-97	-211	-324	-437
				C.C.19	423	307	192	76	-39	-154	-269	-383	-497
				C.C.20	531	416	301	186	71	-44	-159	-275	-390
				C.C.21	470	357	244	129	15	-101	-217	-334	-451
				C.C. U1	247	187	127	66	4	-57	-118	-178	-237
				C.C. U2	275	209	141	73	5	-64	-131	-199	-265
				C.C. U3	279	212	144	75	7	-62	-130	-198	-264
				C.C. U4	249	188	127	65	2	-60	-122	-184	-245
				C.C. U5	277	209	141	72	2	-67	-136	-205	-272
				C.C. U6	282	213	144	73	3	-68	-138	-208	-276
				C.C. U7	238	180	121	61	1	-59	-119	-178	-236
				C.C. U8	266	201	135	68	1	-66	-133	-199	-264
				C.C. U9	264	199	133	67	0	-66	-133	-198	-263
				C.C. U10	255	193	130	66	2	-62	-126	-189	-251
				C.C. U11	283	214	144	73	2	-69	-140	-210	-279
				C.C. U12	293	221	148	75	2	-71	-144	-216	-288
				C.C. U13	248	187	126	64	1	-61	-123	-184	-245
				C.C. U14	276	208	140	71	1	-68	-137	-205	-273
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	632	579	526	475	426	377	329	283	238
				C.C.2	638	584	532	481	431	382	335	288	243
				C.C.3	627	573	521	470	420	372	324	278	232
				C.C.4	622	544	467	391	316	242	168	95	23
				C.C.5	603	526	449	373	298	224	150	78	6
				C.C.6	-162	-188	-211	-231	-249	-264	-275	-282	-285
				C.C.7	-245	-273	-297	-319	-339	-356	-369	-379	-385
				C.C.8	-379	-435	-491	-544	-595	-643	-689	-731	-770
				C.C.9	-462	-520	-577	-632	-685	-736	-784	-829	-870
				C.C.10	1298	1260	1223	1185	1146	1106	1065	1022	976
				C.C.11	1215	1176	1137	1097	1056	1014	970	924	876
				C.C.12	1082	1013	943	872	800	726	650	572	491
				C.C.13	998	929	857	784	710	634	556	475	391
				C.C.14	626	632	642	655	669	686	705	727	752
				C.C.15	494	498	506	515	527	540	555	573	593
				C.C.16	1065	1067	1072	1079	1088	1097	1107	1118	1130
				C.C.17	932	932	936	940	945	951	957	964	971
				C.C.18	-96	-192	-290	-387	-484	-580	-676	-771	-865
				C.C.19	-228	-326	-426	-527	-627	-727	-826	-925	-1024
				C.C.20	342	243	140	38	-66	-170	-274	-380	-487
				C.C.21	210	108	4	-102	-208	-316	-424	-534	-646
				C.C. U1	649	598	548	499	451	405	360	316	273
				C.C. U2	643	586	529	474	419	366	315	264	214
				C.C. U3	655	597	540	485	430	377	325	274	224
				C.C. U4	643	590	539	488	439	391	345	299	254
				C.C. U5	637	578	520	463	408	353	300	247	196
				C.C. U6	644	584	525	467	410	355	300	246	193
				C.C. U7	649	598	549	501	454	409	365	322	280
				C.C. U8	643	586	530	476	423	371	320	270	221
				C.C. U9	654	598	542	488	435	384	333	284	235
				C.C. U10	621	567	514	463	412	363	315	268	222
				C.C. U11	615	555	496	437	380	325	270	216	164
				C.C. U12	608	546	484	424	365	307	250	194	139
				C.C. U13	632	580	528	478	429	382	336	290	246
				C.C. U14	626	567	510	453	398	344	291	239	188
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	1622	1216	810	405	-1	-406	-812	-1217	-1623
				C.C.2	1622	1216	810	405	-1	-406	-812	-1217	-1623
				C.C.3	1622	1216	810	405	-1	-406	-812	-1217	-1623
				C.C.4	1202	901	601	300	-1	-301	-602	-902	-1203
				C.C.5	1202	901	601	300	-1	-301	-602	-902	-1203
				C.C.6	470	252	34	-183	-401	-618	-836	-1053	-1271
				C.C.7	515	297	80	-138	-355	-573	-790	-1008	-1225

				C.C.8	469	251	34	-184	-401	-619	-836	-1054	-1271
				C.C.9	514	297	79	-138	-356	-573	-791	-1009	-1226
				C.C.10	1225	1008	790	573	355	138	-80	-297	-515
				C.C.11	1270	1053	835	618	400	183	-35	-252	-470
				C.C.12	1225	1007	790	572	355	137	-81	-298	-516
				C.C.13	1270	1052	835	617	400	182	-35	-253	-470
				C.C.14	722	504	286	69	-149	-366	-584	-801	-1019
				C.C.15	793	576	358	141	-77	-294	-512	-729	-947
				C.C.16	948	731	513	296	78	-139	-357	-574	-792
				C.C.17	1020	802	585	367	150	-68	-285	-503	-720
				C.C.18	719	502	284	67	-151	-368	-586	-803	-1021
				C.C.19	791	574	356	139	-79	-296	-514	-731	-949
				C.C.20	946	729	511	294	76	-141	-359	-577	-794
				C.C.21	1018	800	583	365	148	-70	-287	-505	-722
				C.C. U1	1652	1238	824	410	-5	-419	-833	-1247	-1661
				C.C. U2	1560	1169	778	387	-5	-396	-787	-1178	-1570
				C.C. U3	1523	1141	758	375	-7	-390	-773	-1155	-1538
				C.C. U4	1661	1247	833	418	4	-410	-824	-1238	-1652
				C.C. U5	1569	1178	787	396	4	-387	-778	-1169	-1561
				C.C. U6	1538	1156	773	390	8	-375	-758	-1140	-1523
				C.C. U7	1656	1242	828	413	-1	-415	-829	-1243	-1657
				C.C. U8	1564	1173	782	391	-1	-392	-783	-1174	-1566
				C.C. U9	1530	1147	765	382	-1	-383	-766	-1149	-1531
				C.C. U10	1656	1242	828	413	-1	-415	-829	-1243	-1657
				C.C. U11	1564	1173	782	391	-1	-392	-783	-1174	-1566
				C.C. U12	1530	1147	765	382	-1	-383	-766	-1149	-1531
				C.C. U13	1656	1242	828	413	-1	-415	-829	-1243	-1657
				C.C. U14	1564	1173	782	391	-1	-392	-783	-1174	-1566
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.00</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	1340	845	350	-145	-640	-1135	-1630	-2125	-2620
				C.C.2	1344	849	354	-141	-636	-1131	-1626	-2121	-2616
				C.C.3	1337	842	347	-148	-643	-1138	-1633	-2128	-2623
				C.C.4	1000	636	271	-93	-458	-822	-1187	-1551	-1916
				C.C.5	988	624	259	-105	-470	-834	-1199	-1563	-1928
				C.C.6	725	463	200	-62	-324	-587	-849	-1111	-1374
				C.C.7	608	346	84	-179	-441	-703	-966	-1228	-1490
				C.C.8	1294	1031	769	507	244	-18	-280	-543	-805
				C.C.9	1177	915	652	390	128	-135	-397	-659	-922
				C.C.10	254	-8	-271	-533	-795	-1058	-1320	-1583	-1845
				C.C.11	137	-125	-388	-650	-912	-1175	-1437	-1699	-1962
				C.C.12	823	560	298	36	-227	-489	-751	-1014	-1276
				C.C.13	706	443	181	-81	-344	-606	-868	-1131	-1393
				C.C.14	-69	-331	-594	-856	-1118	-1381	-1643	-1906	-2168
				C.C.15	-254	-517	-779	-1041	-1304	-1566	-1828	-2091	-2353
				C.C.16	-210	-473	-735	-997	-1260	-1522	-1785	-2047	-2309
				C.C.17	-396	-658	-920	-1183	-1445	-1707	-1970	-2232	-2495
				C.C.18	1827	1564	1302	1040	777	515	253	-10	-272
				C.C.19	1641	1379	1117	854	592	330	67	-195	-457
				C.C.20	1685	1423	1161	898	636	374	111	-151	-414
				C.C.21	1500	1238	975	713	451	188	-74	-336	-599
				C.C. U1	1357	855	352	-150	-652	-1155	-1657	-2159	-2662
				C.C. U2	1280	809	338	-132	-603	-1073	-1544	-2015	-2485
				C.C. U3	1247	784	321	-143	-606	-1069	-1532	-1996	-2459
				C.C. U4	1364	862	359	-143	-646	-1148	-1650	-2153	-2655
				C.C. U5	1286	816	345	-125	-596	-1067	-1537	-2008	-2478
				C.C. U6	1258	795	332	-131	-595	-1058	-1521	-1984	-2447
				C.C. U7	1324	821	319	-183	-686	-1188	-1691	-2193	-2695
				C.C. U8	1246	776	305	-166	-636	-1107	-1577	-2048	-2519
				C.C. U9	1191	728	265	-198	-662	-1125	-1588	-2051	-2515
				C.C. U10	1379	877	374	-128	-631	-1133	-1635	-2138	-2640
				C.C. U11	1301	831	360	-110	-581	-1052	-1522	-1993	-2463
				C.C. U12	1283	820	357	-106	-570	-1033	-1496	-1959	-2422
				C.C. U13	1367	864	362	-141	-643	-1145	-1648	-2150	-2652
				C.C. U14	1289	818	348	-123	-593	-1064	-1534	-2005	-2476
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	-87	-174	-261	-348	-435	-521	-608	-695
				C.C.2	0	-87	-174	-261	-348	-435	-521	-608	-695
				C.C.3	0	-87	-174	-261	-348	-435	-521	-608	-695
				C.C.4	0	-64	-129	-193	-258	-322	-386	-451	-515
				C.C.5	0	-64	-129	-193	-258	-322	-386	-451	-515
				C.C.6	-28	-75	-122	-168	-215	-262	-308	-355	-401

				C.C.7	-28	-75	-122	-168	-215	-262	-308	-355	-401
				C.C.8	-18	-65	-111	-158	-204	-251	-298	-344	-391
				C.C.9	-18	-65	-111	-158	-204	-251	-298	-344	-391
				C.C.10	18	-29	-75	-122	-169	-215	-262	-308	-355
				C.C.11	18	-29	-75	-122	-169	-215	-262	-308	-355
				C.C.12	28	-18	-65	-111	-158	-205	-251	-298	-344
				C.C.13	28	-18	-65	-111	-158	-205	-251	-298	-344
				C.C.14	-24	-71	-118	-164	-211	-258	-304	-351	-397
				C.C.15	-24	-71	-118	-164	-211	-258	-304	-351	-397
				C.C.16	-11	-57	-104	-150	-197	-244	-290	-337	-383
				C.C.17	-11	-57	-104	-150	-197	-244	-290	-337	-383
				C.C.18	11	-36	-83	-129	-176	-222	-269	-316	-362
				C.C.19	11	-36	-83	-129	-176	-222	-269	-316	-362
				C.C.20	24	-22	-69	-115	-162	-209	-255	-302	-348
				C.C.21	24	-22	-69	-115	-162	-209	-255	-302	-348
				C.C. U1	0	-89	-177	-266	-355	-444	-532	-621	-710
				C.C. U2	0	-84	-168	-252	-335	-419	-503	-587	-671
				C.C. U3	0	-82	-164	-246	-328	-410	-492	-574	-656
				C.C. U4	0	-89	-177	-266	-355	-444	-532	-621	-710
				C.C. U5	0	-84	-168	-252	-335	-419	-503	-587	-671
				C.C. U6	0	-82	-164	-246	-328	-410	-492	-574	-656
				C.C. U7	0	-89	-177	-266	-355	-444	-532	-621	-710
				C.C. U8	0	-84	-168	-252	-335	-419	-503	-587	-671
				C.C. U9	0	-82	-164	-246	-328	-410	-492	-574	-656
				C.C. U10	0	-89	-177	-266	-355	-444	-532	-621	-710
				C.C. U11	0	-84	-168	-252	-335	-419	-503	-587	-671
				C.C. U12	0	-82	-164	-246	-328	-410	-492	-574	-656
				C.C. U13	0	-89	-177	-266	-355	-444	-532	-621	-710
				C.C. U14	0	-84	-168	-252	-335	-419	-503	-587	-671
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	183	160	137	114	91	69	46	23	0
				C.C.2	183	160	137	114	91	69	46	23	0
				C.C.3	183	160	137	114	91	69	46	23	0
				C.C.4	147	128	110	92	73	55	37	18	0
				C.C.5	147	128	110	92	73	55	37	18	0
				C.C.6	112	99	85	72	59	46	32	19	6
				C.C.7	112	99	85	72	59	46	32	19	6
				C.C.8	108	95	82	69	55	42	29	16	2
				C.C.9	108	95	82	69	55	42	29	16	2
				C.C.10	104	91	77	64	51	38	24	11	-2
				C.C.11	104	91	77	64	51	38	24	11	-2
				C.C.12	100	87	74	61	47	34	21	8	-6
				C.C.13	100	87	74	61	47	34	21	8	-6
				C.C.14	113	100	87	73	60	47	33	20	7
				C.C.15	113	100	87	73	60	47	33	20	7
				C.C.16	111	97	84	71	58	44	31	18	5
				C.C.17	111	97	84	71	58	44	31	18	5
				C.C.18	102	88	75	62	49	35	22	9	-5
				C.C.19	102	88	75	62	49	35	22	9	-5
				C.C.20	99	86	73	59	46	33	20	6	-7
				C.C.21	99	86	73	59	46	33	20	6	-7
				C.C. U1	183	160	137	114	91	69	46	23	0
				C.C. U2	172	150	129	107	86	64	43	21	0
				C.C. U3	172	150	129	107	86	64	43	21	0
				C.C. U4	183	160	137	114	91	69	46	23	0
				C.C. U5	172	150	129	107	86	64	43	21	0
				C.C. U6	172	150	129	107	86	64	43	21	0
				C.C. U7	183	160	137	114	91	69	46	23	0
				C.C. U8	172	150	129	107	86	64	43	21	0
				C.C. U9	172	150	129	107	86	64	43	21	0
				C.C. U10	183	160	137	114	91	69	46	23	0
				C.C. U11	172	150	129	107	86	64	43	21	0
				C.C. U12	172	150	129	107	86	64	43	21	0
				C.C. U13	183	160	137	114	91	69	46	23	0
				C.C. U14	172	150	129	107	86	64	43	21	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	1332	837	342	-153	-648	-1144	-1639	-2134	-2629
				C.C.2	1335	840	345	-150	-645	-1140	-1635	-2130	-2625
				C.C.3	1328	833	338	-157	-652	-1147	-1642	-2137	-2632
				C.C.4	994	629	265	-100	-464	-829	-1193	-1558	-1922
				C.C.5	982	617	253	-112	-476	-841	-1205	-1570	-1934

				C.C.6	124	-138	-401	-663	-925	-1188	-1450	-1712	-1975
				C.C.7	241	-22	-284	-546	-809	-1071	-1333	-1596	-1858
				C.C.8	695	433	170	-92	-354	-617	-879	-1141	-1404
				C.C.9	812	549	287	25	-238	-500	-762	-1025	-1287
				C.C.10	609	347	85	-178	-440	-703	-965	-1227	-1490
				C.C.11	726	463	201	-61	-324	-586	-848	-1111	-1373
				C.C.12	1180	918	656	393	131	-132	-394	-656	-919
				C.C.13	1297	1034	772	510	247	-15	-277	-540	-802
				C.C.14	-406	-669	-931	-1194	-1456	-1718	-1981	-2243	-2505
				C.C.15	-222	-484	-746	-1009	-1271	-1533	-1796	-2058	-2320
				C.C.16	-261	-523	-786	-1048	-1310	-1573	-1835	-2097	-2360
				C.C.17	-76	-338	-601	-863	-1125	-1388	-1650	-1912	-2175
				C.C.18	1497	1235	972	710	448	185	-77	-340	-602
				C.C.19	1682	1420	1157	895	632	370	108	-155	-417
				C.C.20	1642	1380	1118	855	593	331	68	-194	-456
				C.C.21	1827	1565	1303	1040	778	516	253	-9	-271
				C.C. U1	1346	844	341	-161	-664	-1166	-1668	-2171	-2673
				C.C. U2	1269	798	328	-143	-614	-1084	-1555	-2025	-2496
				C.C. U3	1235	772	308	-155	-618	-1081	-1544	-2008	-2471
				C.C. U4	1364	861	359	-143	-646	-1148	-1651	-2153	-2655
				C.C. U5	1287	816	345	-125	-596	-1066	-1537	-2007	-2478
				C.C. U6	1265	801	338	-125	-588	-1051	-1515	-1978	-2441
				C.C. U7	1314	812	310	-193	-695	-1198	-1700	-2202	-2705
				C.C. U8	1237	767	296	-175	-645	-1116	-1586	-2057	-2527
				C.C. U9	1182	719	256	-207	-671	-1134	-1597	-2060	-2523
				C.C. U10	1370	868	365	-137	-639	-1142	-1644	-2146	-2649
				C.C. U11	1293	822	352	-119	-589	-1060	-1530	-2001	-2472
				C.C. U12	1275	812	349	-114	-578	-1041	-1504	-1967	-2430
				C.C. U13	1358	855	353	-150	-652	-1154	-1657	-2159	-2661
				C.C. U14	1281	810	339	-131	-602	-1072	-1543	-2014	-2484
<b>19</b>	<b>piano 1</b>	<b>2, 8</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	695	608	521	435	348	261	174	87	0
				C.C.2	695	608	521	435	348	261	174	87	0
				C.C.3	695	608	521	435	348	261	174	87	0
				C.C.4	515	451	386	322	258	193	129	64	0
				C.C.5	515	451	386	322	258	193	129	64	0
				C.C.6	355	308	262	215	168	122	75	29	-18
				C.C.7	355	308	262	215	168	122	75	29	-18
				C.C.8	344	298	251	204	158	111	65	18	-29
				C.C.9	344	298	251	204	158	111	65	18	-29
				C.C.10	401	355	308	262	215	168	122	75	29
				C.C.11	401	355	308	262	215	168	122	75	29
				C.C.12	391	344	298	251	204	158	111	65	18
				C.C.13	391	344	298	251	204	158	111	65	18
				C.C.14	384	337	290	244	197	150	104	57	11
				C.C.15	384	337	290	244	197	150	104	57	11
				C.C.16	397	351	304	258	211	164	118	71	25
				C.C.17	397	351	304	258	211	164	118	71	25
				C.C.18	348	302	255	208	162	115	69	22	-25
				C.C.19	348	302	255	208	162	115	69	22	-25
				C.C.20	362	316	269	222	176	129	83	36	-11
				C.C.21	362	316	269	222	176	129	83	36	-11
				C.C. U1	710	621	532	444	355	266	177	89	0
				C.C. U2	671	587	503	419	335	252	168	84	0
				C.C. U3	656	574	492	410	328	246	164	82	0
				C.C. U4	710	621	532	444	355	266	177	89	0
				C.C. U5	671	587	503	419	335	252	168	84	0
				C.C. U6	656	574	492	410	328	246	164	82	0
				C.C. U7	710	621	532	444	355	266	177	89	0
				C.C. U8	671	587	503	419	335	252	168	84	0
				C.C. U9	656	574	492	410	328	246	164	82	0
				C.C. U10	710	621	532	444	355	266	177	89	0
				C.C. U11	671	587	503	419	335	252	168	84	0
				C.C. U12	656	574	492	410	328	246	164	82	0
				C.C. U13	710	621	532	444	355	266	177	89	0
				C.C. U14	671	587	503	419	335	252	168	84	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	183	160	137	114	91	69	46	23	0
				C.C.2	183	160	137	114	91	69	46	23	0
				C.C.3	183	160	137	114	91	69	46	23	0
				C.C.4	147	128	110	92	73	55	37	18	0
				C.C.5	147	128	110	92	73	55	37	18	0

				C.C.6	104	91	77	64	51	38	24	11	-2
				C.C.7	104	91	77	64	51	38	24	11	-2
				C.C.8	100	87	74	61	47	34	21	8	-6
				C.C.9	100	87	74	61	47	34	21	8	-6
				C.C.10	112	99	85	72	59	46	32	19	6
				C.C.11	112	99	85	72	59	46	32	19	6
				C.C.12	109	95	82	69	55	42	29	16	2
				C.C.13	109	95	82	69	55	42	29	16	2
				C.C.14	111	97	84	71	58	44	31	18	5
				C.C.15	111	97	84	71	58	44	31	18	5
				C.C.16	113	100	87	73	60	47	34	20	7
				C.C.17	113	100	87	73	60	47	34	20	7
				C.C.18	99	86	73	59	46	33	20	6	-7
				C.C.19	99	86	73	59	46	33	20	6	-7
				C.C.20	102	88	75	62	49	35	22	9	-5
				C.C.21	102	88	75	62	49	35	22	9	-5
				C.C. U1	183	160	137	114	91	69	46	23	0
				C.C. U2	172	150	129	107	86	64	43	21	0
				C.C. U3	172	150	129	107	86	64	43	21	0
				C.C. U4	183	160	137	114	91	69	46	23	0
				C.C. U5	172	150	129	107	86	64	43	21	0
				C.C. U6	172	150	129	107	86	64	43	21	0
				C.C. U7	183	160	137	114	91	69	46	23	0
				C.C. U8	172	150	129	107	86	64	43	21	0
				C.C. U9	172	150	129	107	86	64	43	21	0
				C.C. U10	183	160	137	114	91	69	46	23	0
				C.C. U11	172	150	129	107	86	64	43	21	0
				C.C. U12	172	150	129	107	86	64	43	21	0
				C.C. U13	183	160	137	114	91	69	46	23	0
				C.C. U14	172	150	129	107	86	64	43	21	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-27	-288	-548	-809	-1069	-1330	-1590	-1850	-2111
				C.C.2	-27	-288	-548	-809	-1069	-1330	-1590	-1850	-2111
				C.C.3	-27	-288	-548	-809	-1069	-1330	-1590	-1850	-2111
				C.C.4	128	-63	-255	-447	-639	-830	-1022	-1214	-1406
				C.C.5	128	-63	-255	-447	-639	-830	-1022	-1214	-1406
				C.C.6	-1789	-1927	-2065	-2203	-2341	-2479	-2617	-2755	-2893
				C.C.7	-2076	-2214	-2352	-2490	-2628	-2766	-2904	-3042	-3180
				C.C.8	184	46	-92	-230	-368	-506	-644	-782	-920
				C.C.9	-102	-240	-378	-516	-654	-792	-930	-1068	-1206
				C.C.10	256	118	-20	-158	-297	-435	-573	-711	-849
				C.C.11	-31	-169	-307	-445	-583	-721	-859	-997	-1135
				C.C.12	2229	2091	1953	1815	1677	1539	1401	1263	1125
				C.C.13	1942	1804	1666	1528	1390	1252	1114	976	838
				C.C.14	-3291	-3429	-3567	-3705	-3843	-3981	-4119	-4257	-4395
				C.C.15	-3746	-3884	-4022	-4160	-4298	-4436	-4574	-4712	-4850
				C.C.16	-2678	-2816	-2954	-3092	-3230	-3368	-3506	-3644	-3782
				C.C.17	-3133	-3271	-3409	-3547	-3685	-3823	-3961	-4099	-4237
				C.C.18	3286	3148	3010	2872	2734	2596	2458	2320	2182
				C.C.19	2831	2693	2555	2417	2279	2141	2003	1865	1727
				C.C.20	3899	3761	3623	3485	3347	3209	3071	2933	2795
				C.C.21	3445	3307	3169	3030	2892	2754	2616	2478	2340
				C.C. U1	25	-240	-504	-768	-1033	-1297	-1561	-1826	-2090
				C.C. U2	148	-99	-347	-594	-842	-1090	-1337	-1585	-1832
				C.C. U3	55	-189	-433	-676	-920	-1164	-1408	-1651	-1895
				C.C. U4	50	-214	-479	-743	-1007	-1272	-1536	-1800	-2065
				C.C. U5	174	-74	-322	-569	-817	-1064	-1312	-1560	-1807
				C.C. U6	97	-147	-391	-635	-878	-1122	-1366	-1609	-1853
				C.C. U7	-8	-272	-537	-801	-1065	-1330	-1594	-1858	-2123
				C.C. U8	116	-132	-380	-627	-875	-1122	-1370	-1618	-1865
				C.C. U9	0	-244	-487	-731	-975	-1219	-1462	-1706	-1950
				C.C. U10	143	-121	-386	-650	-914	-1179	-1443	-1707	-1972
				C.C. U11	267	19	-228	-476	-724	-971	-1219	-1466	-1714
				C.C. U12	252	8	-235	-479	-723	-967	-1210	-1454	-1698
				C.C. U13	50	-215	-479	-743	-1008	-1272	-1536	-1801	-2065
				C.C. U14	173	-74	-322	-569	-817	-1065	-1312	-1560	-1807
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	5	-255	-516	-776	-1037	-1297	-1557	-1818	-2078
				C.C.2	5	-255	-516	-776	-1037	-1297	-1557	-1818	-2078
				C.C.3	5	-255	-516	-776	-1037	-1297	-1557	-1818	-2078
				C.C.4	155	-37	-229	-421	-612	-804	-996	-1188	-1379
				C.C.5	155	-37	-229	-421	-612	-804	-996	-1188	-1380



				C.C.6	-17	-155	-293	-431	-569	-707	-845	-983	-1121
				C.C.7	267	129	-9	-147	-285	-423	-561	-699	-837
				C.C.8	1948	1810	1672	1534	1396	1258	1120	982	844
				C.C.9	2233	2095	1957	1819	1680	1542	1404	1266	1128
				C.C.10	-2041	-2179	-2317	-2455	-2593	-2731	-2869	-3007	-3145
				C.C.11	-1757	-1895	-2033	-2171	-2309	-2447	-2585	-2723	-2861
				C.C.12	-75	-213	-351	-489	-627	-765	-903	-1041	-1179
				C.C.13	209	71	-67	-205	-343	-481	-619	-757	-895
				C.C.14	-3102	-3240	-3378	-3516	-3654	-3792	-3930	-4068	-4206
				C.C.15	-2651	-2789	-2927	-3065	-3203	-3341	-3479	-3617	-3755
				C.C.16	-3709	-3847	-3985	-4123	-4261	-4399	-4537	-4675	-4813
				C.C.17	-3258	-3396	-3534	-3672	-3810	-3948	-4087	-4225	-4363
				C.C.18	3450	3312	3174	3036	2898	2760	2622	2484	2346
				C.C.19	3901	3763	3625	3487	3349	3211	3073	2935	2797
				C.C.20	2843	2705	2567	2429	2291	2153	2015	1877	1739
				C.C.21	3294	3156	3018	2880	2742	2604	2466	2328	2190
				C.C. U1	35	-230	-494	-758	-1023	-1287	-1551	-1816	-2080
				C.C. U2	157	-91	-338	-586	-834	-1081	-1329	-1576	-1824
				C.C. U3	47	-196	-440	-684	-928	-1171	-1415	-1659	-1903
				C.C. U4	69	-195	-460	-724	-988	-1253	-1517	-1781	-2046
				C.C. U5	191	-56	-304	-551	-799	-1047	-1294	-1542	-1790
				C.C. U6	105	-139	-383	-627	-870	-1114	-1358	-1601	-1845
				C.C. U7	26	-239	-503	-767	-1032	-1296	-1560	-1825	-2089
				C.C. U8	148	-100	-347	-595	-842	-1090	-1338	-1585	-1833
				C.C. U9	33	-211	-455	-699	-942	-1186	-1430	-1673	-1917
				C.C. U10	176	-89	-353	-617	-882	-1146	-1410	-1675	-1939
				C.C. U11	298	50	-197	-445	-693	-940	-1188	-1435	-1683
				C.C. U12	282	39	-205	-449	-693	-936	-1180	-1424	-1668
				C.C. U13	83	-182	-446	-710	-975	-1239	-1503	-1768	-2032
				C.C. U14	205	-43	-290	-538	-785	-1033	-1281	-1528	-1776
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	2801	2101	1402	702	3	-697	-1396	-2096	-2795
				C.C.2	2801	2101	1402	702	3	-697	-1396	-2096	-2795
				C.C.3	2801	2101	1402	702	3	-697	-1396	-2096	-2795
				C.C.4	1911	1434	957	480	2	-475	-952	-1430	-1907
				C.C.5	1911	1434	957	480	2	-475	-952	-1430	-1907
				C.C.6	501	152	-196	-545	-893	-1242	-1590	-1939	-2287
				C.C.7	508	160	-189	-537	-885	-1234	-1582	-1931	-2279
				C.C.8	499	151	-198	-546	-895	-1243	-1591	-1940	-2288
				C.C.9	507	159	-190	-538	-887	-1235	-1584	-1932	-2281
				C.C.10	2284	1935	1587	1238	890	542	193	-155	-504
				C.C.11	2292	1943	1595	1246	898	549	201	-148	-496
				C.C.12	2282	1934	1586	1237	889	540	192	-157	-505
				C.C.13	2290	1942	1593	1245	896	548	200	-149	-497
				C.C.14	1124	776	427	79	-270	-618	-967	-1315	-1664
				C.C.15	1136	788	439	91	-258	-606	-954	-1303	-1651
				C.C.16	1659	1310	962	614	265	-83	-432	-780	-1129
				C.C.17	1671	1323	974	626	277	-71	-419	-768	-1116
				C.C.18	1120	771	423	74	-274	-623	-971	-1320	-1668
				C.C.19	1132	783	435	87	-262	-610	-959	-1307	-1656
				C.C.20	1655	1306	958	609	261	-88	-436	-785	-1133
				C.C.21	1667	1318	970	621	273	-75	-424	-772	-1121
				C.C. U1	2907	2182	1457	733	8	-717	-1442	-2166	-2891
				C.C. U2	2741	2058	1374	691	8	-676	-1359	-2042	-2725
				C.C. U3	2644	1986	1327	669	11	-647	-1305	-1963	-2621
				C.C. U4	2916	2192	1467	742	17	-707	-1432	-2157	-2882
				C.C. U5	2751	2067	1384	701	17	-666	-1349	-2033	-2716
				C.C. U6	2659	2001	1343	685	27	-631	-1289	-1947	-2605
				C.C. U7	2902	2177	1452	727	3	-722	-1447	-2172	-2896
				C.C. U8	2736	2053	1369	686	3	-681	-1364	-2047	-2731
				C.C. U9	2635	1977	1319	661	3	-656	-1314	-1972	-2630
				C.C. U10	2902	2177	1452	727	3	-722	-1447	-2172	-2896
				C.C. U11	2736	2053	1369	686	3	-681	-1364	-2047	-2731
				C.C. U12	2635	1977	1319	661	3	-656	-1314	-1972	-2630
				C.C. U13	2902	2177	1452	727	3	-722	-1447	-2172	-2896
				C.C. U14	2736	2053	1369	686	3	-681	-1364	-2047	-2731
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-204	-407	-611	-815	-1019	-1222	-1426	-1630
				C.C.2	0	-204	-407	-611	-815	-1019	-1222	-1426	-1630
				C.C.3	0	-204	-407	-611	-815	-1019	-1222	-1426	-1630
				C.C.4	0	-139	-278	-417	-556	-695	-834	-973	-1112

				C.C.5	0	-139	-278	-417	-556	-695	-834	-973	-1112
				C.C.6	-67	-168	-270	-371	-473	-574	-676	-777	-879
				C.C.7	-67	-168	-270	-371	-473	-574	-676	-777	-879
				C.C.8	-97	-198	-300	-401	-503	-604	-706	-807	-909
				C.C.9	-97	-198	-300	-401	-503	-604	-706	-807	-909
				C.C.10	97	-5	-106	-208	-309	-411	-512	-613	-715
				C.C.11	97	-5	-106	-208	-309	-411	-512	-613	-715
				C.C.12	67	-35	-136	-237	-339	-440	-542	-643	-745
				C.C.13	67	-35	-136	-237	-339	-440	-542	-643	-745
				C.C.14	25	-76	-178	-279	-381	-482	-584	-685	-787
				C.C.15	25	-76	-178	-279	-381	-482	-584	-685	-787
				C.C.16	74	-27	-129	-230	-332	-433	-534	-636	-737
				C.C.17	74	-27	-129	-230	-332	-433	-534	-636	-737
				C.C.18	-74	-176	-277	-379	-480	-582	-683	-785	-886
				C.C.19	-74	-176	-277	-379	-480	-582	-683	-785	-886
				C.C.20	-25	-127	-228	-330	-431	-533	-634	-736	-837
				C.C.21	-25	-127	-228	-330	-431	-533	-634	-736	-837
				C.C. U1	0	-211	-422	-633	-844	-1055	-1266	-1477	-1689
				C.C. U2	0	-199	-398	-597	-796	-995	-1194	-1393	-1592
				C.C. U3	0	-192	-383	-575	-767	-958	-1150	-1342	-1533
				C.C. U4	0	-211	-422	-633	-844	-1055	-1266	-1477	-1689
				C.C. U5	0	-199	-398	-597	-796	-995	-1194	-1393	-1592
				C.C. U6	0	-192	-383	-575	-767	-958	-1150	-1342	-1533
				C.C. U7	0	-211	-422	-633	-844	-1055	-1266	-1477	-1689
				C.C. U8	0	-199	-398	-597	-796	-995	-1194	-1393	-1592
				C.C. U9	0	-192	-383	-575	-767	-958	-1150	-1342	-1533
				C.C. U10	0	-211	-422	-633	-844	-1055	-1266	-1477	-1689
				C.C. U11	0	-199	-398	-597	-796	-995	-1194	-1393	-1592
				C.C. U12	0	-192	-383	-575	-767	-958	-1150	-1342	-1533
				C.C. U13	0	-211	-422	-633	-844	-1055	-1266	-1477	-1689
				C.C. U14	0	-199	-398	-597	-796	-995	-1194	-1393	-1592
<b>25</b>	<b>piano 1</b>	<b>6, 10</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	1630	1426	1222	1019	815	611	407	204	0
				C.C.2	1630	1426	1222	1019	815	611	407	204	0
				C.C.3	1630	1426	1222	1019	815	611	407	204	0
				C.C.4	1112	973	834	695	556	417	278	139	0
				C.C.5	1112	973	834	695	556	417	278	139	0
				C.C.6	715	614	512	411	309	208	106	5	-97
				C.C.7	715	614	512	411	309	208	106	5	-97
				C.C.8	745	643	542	440	339	237	136	35	-67
				C.C.9	745	643	542	440	339	237	136	35	-67
				C.C.10	879	777	676	574	473	371	270	168	67
				C.C.11	879	777	676	574	473	371	270	168	67
				C.C.12	909	807	706	604	503	401	300	198	97
				C.C.13	909	807	706	604	503	401	300	198	97
				C.C.14	738	636	535	433	332	230	129	27	-74
				C.C.15	738	636	535	433	332	230	129	27	-74
				C.C.16	787	685	584	482	381	279	178	77	-25
				C.C.17	787	685	584	482	381	279	178	77	-25
				C.C.18	837	735	634	532	431	329	228	126	25
				C.C.19	837	735	634	532	431	329	228	126	25
				C.C.20	886	784	683	581	480	379	277	176	74
				C.C.21	886	784	683	581	480	379	277	176	74
				C.C. U1	1689	1477	1266	1055	844	633	422	211	0
				C.C. U2	1592	1393	1194	995	796	597	398	199	0
				C.C. U3	1533	1342	1150	958	767	575	383	192	0
				C.C. U4	1689	1477	1266	1055	844	633	422	211	0
				C.C. U5	1592	1393	1194	995	796	597	398	199	0
				C.C. U6	1533	1342	1150	958	767	575	383	192	0
				C.C. U7	1689	1477	1266	1055	844	633	422	211	0
				C.C. U8	1592	1393	1194	995	796	597	398	199	0
				C.C. U9	1533	1342	1150	958	767	575	383	192	0
				C.C. U10	1689	1477	1266	1055	844	633	422	211	0
				C.C. U11	1592	1393	1194	995	796	597	398	199	0
				C.C. U12	1533	1342	1150	958	767	575	383	192	0
				C.C. U13	1689	1477	1266	1055	844	633	422	211	0
				C.C. U14	1592	1393	1194	995	796	597	398	199	0
<b>26</b>	<b>piano 1</b>	<b>1</b>	<b>400.00</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
				C.C.1	89	89	89	89	89	-	-	-	-
				C.C.2	85	85	85	85	85	-	-	-	-
				C.C.3	94	94	94	94	94	-	-	-	-

				C.C.4	56	56	56	56	56	-	-	-	-
				C.C.5	70	70	70	70	70	-	-	-	-
				C.C.6	281	281	281	281	281	-	-	-	-
				C.C.7	354	354	354	354	354	-	-	-	-
				C.C.8	-157	-157	-157	-157	-157	-	-	-	-
				C.C.9	-84	-84	-84	-84	-84	-	-	-	-
				C.C.10	175	175	175	175	175	-	-	-	-
				C.C.11	248	248	248	248	248	-	-	-	-
				C.C.12	-263	-263	-263	-263	-263	-	-	-	-
				C.C.13	-191	-191	-191	-191	-191	-	-	-	-
				C.C.14	734	734	734	734	734	-	-	-	-
				C.C.15	849	849	849	849	849	-	-	-	-
				C.C.16	702	702	702	702	702	-	-	-	-
				C.C.17	817	817	817	817	817	-	-	-	-
				C.C.18	-727	-727	-727	-727	-727	-	-	-	-
				C.C.19	-612	-612	-612	-612	-612	-	-	-	-
				C.C.20	-758	-758	-758	-758	-758	-	-	-	-
				C.C.21	-643	-643	-643	-643	-643	-	-	-	-
				C.C. U1	92	92	92	92	92	-	-	-	-
				C.C. U2	79	79	79	79	79	-	-	-	-
				C.C. U3	89	89	89	89	89	-	-	-	-
				C.C. U4	85	85	85	85	85	-	-	-	-
				C.C. U5	72	72	72	72	72	-	-	-	-
				C.C. U6	77	77	77	77	77	-	-	-	-
				C.C. U7	115	115	115	115	115	-	-	-	-
				C.C. U8	102	102	102	102	102	-	-	-	-
				C.C. U9	127	127	127	127	127	-	-	-	-
				C.C. U10	109	85	60	33	3	-	-	-	-
				C.C. U11	96	72	47	20	-10	-	-	-	-
				C.C. U12	117	78	36	-10	-59	-	-	-	-
				C.C. U13	84	84	84	84	84	-	-	-	-
				C.C. U14	71	71	71	71	71	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	91	91	91	91	91	-	-	-	-
				C.C.2	87	87	87	87	87	-	-	-	-
				C.C.3	95	95	95	95	95	-	-	-	-
				C.C.4	57	57	57	57	57	-	-	-	-
				C.C.5	71	71	71	71	71	-	-	-	-
				C.C.6	252	252	252	252	252	-	-	-	-
				C.C.7	180	180	180	180	180	-	-	-	-
				C.C.8	-187	-187	-187	-187	-187	-	-	-	-
				C.C.9	-259	-259	-259	-259	-259	-	-	-	-
				C.C.10	352	352	352	352	352	-	-	-	-
				C.C.11	280	280	280	280	280	-	-	-	-
				C.C.12	-87	-87	-87	-87	-87	-	-	-	-
				C.C.13	-159	-159	-159	-159	-159	-	-	-	-
				C.C.14	821	821	821	821	821	-	-	-	-
				C.C.15	706	706	706	706	706	-	-	-	-
				C.C.16	850	850	850	850	850	-	-	-	-
				C.C.17	736	736	736	736	736	-	-	-	-
				C.C.18	-643	-643	-643	-643	-643	-	-	-	-
				C.C.19	-758	-758	-758	-758	-758	-	-	-	-
				C.C.20	-613	-613	-613	-613	-613	-	-	-	-
				C.C.21	-728	-728	-728	-728	-728	-	-	-	-
				C.C. U1	82	94	108	123	139	-	-	-	-
				C.C. U2	69	81	95	110	126	-	-	-	-
				C.C. U3	71	91	114	139	167	-	-	-	-
				C.C. U4	85	85	85	85	85	-	-	-	-
				C.C. U5	72	72	72	72	72	-	-	-	-
				C.C. U6	76	76	76	76	76	-	-	-	-
				C.C. U7	117	117	117	117	117	-	-	-	-
				C.C. U8	104	104	104	104	104	-	-	-	-
				C.C. U9	129	129	129	129	129	-	-	-	-
				C.C. U10	111	87	62	34	5	-	-	-	-
				C.C. U11	97	74	49	21	-8	-	-	-	-
				C.C. U12	119	79	37	-8	-57	-	-	-	-
				C.C. U13	86	86	86	86	86	-	-	-	-
				C.C. U14	73	73	73	73	73	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	122	122	122	122	122	-	-	-	-

				C.C.2	121	121	121	121	121	-	-	-	-
				C.C.3	122	122	122	122	122	-	-	-	-
				C.C.4	79	79	79	79	79	-	-	-	-
				C.C.5	81	81	81	81	81	-	-	-	-
				C.C.6	357	357	357	357	357	-	-	-	-
				C.C.7	432	432	432	432	432	-	-	-	-
				C.C.8	-83	-83	-83	-83	-83	-	-	-	-
				C.C.9	-8	-8	-8	-8	-8	-	-	-	-
				C.C.10	125	125	125	125	125	-	-	-	-
				C.C.11	200	200	200	200	200	-	-	-	-
				C.C.12	-315	-315	-315	-315	-315	-	-	-	-
				C.C.13	-240	-240	-240	-240	-240	-	-	-	-
				C.C.14	767	767	767	767	767	-	-	-	-
				C.C.15	886	886	886	886	886	-	-	-	-
				C.C.16	697	697	697	697	697	-	-	-	-
				C.C.17	816	816	816	816	816	-	-	-	-
				C.C.18	-699	-699	-699	-699	-699	-	-	-	-
				C.C.19	-581	-581	-581	-581	-581	-	-	-	-
				C.C.20	-769	-769	-769	-769	-769	-	-	-	-
				C.C.21	-650	-650	-650	-650	-650	-	-	-	-
				C.C. U1	125	125	125	125	125	-	-	-	-
				C.C. U2	109	109	109	109	109	-	-	-	-
				C.C. U3	117	117	117	117	117	-	-	-	-
				C.C. U4	118	118	118	118	118	-	-	-	-
				C.C. U5	102	102	102	102	102	-	-	-	-
				C.C. U6	105	105	105	105	105	-	-	-	-
				C.C. U7	133	140	148	157	167	-	-	-	-
				C.C. U8	117	124	132	141	151	-	-	-	-
				C.C. U9	130	142	156	170	187	-	-	-	-
				C.C. U10	95	95	95	95	95	-	-	-	-
				C.C. U11	79	79	79	79	79	-	-	-	-
				C.C. U12	67	67	67	67	67	-	-	-	-
				C.C. U13	118	118	118	118	118	-	-	-	-
				C.C. U14	103	103	103	103	103	-	-	-	-
<b>29</b>	<b>piano 1</b>	<b>4</b>	<b>400.0 0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	121	121	121	121	121	-	-	-	-
				C.C.2	120	120	120	120	120	-	-	-	-
				C.C.3	122	122	122	122	122	-	-	-	-
				C.C.4	79	79	79	79	79	-	-	-	-
				C.C.5	81	81	81	81	81	-	-	-	-
				C.C.6	202	202	202	202	202	-	-	-	-
				C.C.7	128	128	128	128	128	-	-	-	-
				C.C.8	-238	-238	-238	-238	-238	-	-	-	-
				C.C.9	-312	-312	-312	-312	-312	-	-	-	-
				C.C.10	428	428	428	428	428	-	-	-	-
				C.C.11	354	354	354	354	354	-	-	-	-
				C.C.12	-12	-12	-12	-12	-12	-	-	-	-
				C.C.13	-86	-86	-86	-86	-86	-	-	-	-
				C.C.14	816	816	816	816	816	-	-	-	-
				C.C.15	698	698	698	698	698	-	-	-	-
				C.C.16	884	884	884	884	884	-	-	-	-
				C.C.17	766	766	766	766	766	-	-	-	-
				C.C.18	-650	-650	-650	-650	-650	-	-	-	-
				C.C.19	-768	-768	-768	-768	-768	-	-	-	-
				C.C.20	-583	-583	-583	-583	-583	-	-	-	-
				C.C.21	-700	-700	-700	-700	-700	-	-	-	-
				C.C. U1	98	117	139	163	189	-	-	-	-
				C.C. U2	82	102	123	147	174	-	-	-	-
				C.C. U3	73	105	141	181	225	-	-	-	-
				C.C. U4	118	118	118	118	118	-	-	-	-
				C.C. U5	102	102	102	102	102	-	-	-	-
				C.C. U6	106	106	106	106	106	-	-	-	-
				C.C. U7	132	139	147	156	166	-	-	-	-
				C.C. U8	117	124	132	141	150	-	-	-	-
				C.C. U9	130	141	155	170	186	-	-	-	-
				C.C. U10	94	94	94	94	94	-	-	-	-
				C.C. U11	79	79	79	79	79	-	-	-	-
				C.C. U12	67	67	67	67	67	-	-	-	-
				C.C. U13	118	118	118	118	118	-	-	-	-
				C.C. U14	102	102	102	102	102	-	-	-	-
<b>30</b>	<b>piano 1</b>	<b>5</b>	<b>400.0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-

			0										
				C.C.1	-205	-205	-205	-205	-205	-	-	-	-
				C.C.2	-198	-198	-198	-198	-198	-	-	-	-
				C.C.3	-212	-212	-212	-212	-212	-	-	-	-
				C.C.4	-126	-126	-126	-126	-126	-	-	-	-
				C.C.5	-150	-150	-150	-150	-150	-	-	-	-
				C.C.6	-563	-563	-563	-563	-563	-	-	-	-
				C.C.7	-471	-471	-471	-471	-471	-	-	-	-
				C.C.8	-1230	-1230	-1230	-1230	-1230	-	-	-	-
				C.C.9	-1138	-1138	-1138	-1138	-1138	-	-	-	-
				C.C.10	937	937	937	937	937	-	-	-	-
				C.C.11	1028	1028	1028	1028	1028	-	-	-	-
				C.C.12	269	269	269	269	269	-	-	-	-
				C.C.13	361	361	361	361	361	-	-	-	-
				C.C.14	714	714	714	714	714	-	-	-	-
				C.C.15	860	860	860	860	860	-	-	-	-
				C.C.16	1164	1164	1164	1164	1164	-	-	-	-
				C.C.17	1309	1309	1309	1309	1309	-	-	-	-
				C.C.18	-1511	-1511	-1511	-1511	-1511	-	-	-	-
				C.C.19	-1365	-1365	-1365	-1365	-1365	-	-	-	-
				C.C.20	-1061	-1061	-1061	-1061	-1061	-	-	-	-
				C.C.21	-916	-916	-916	-916	-916	-	-	-	-
				C.C. U1	-178	-178	-178	-178	-178	-	-	-	-
				C.C. U2	-147	-147	-147	-147	-147	-	-	-	-
				C.C. U3	-148	-148	-148	-148	-148	-	-	-	-
				C.C. U4	-186	-183	-179	-174	-169	-	-	-	-
				C.C. U5	-155	-151	-147	-143	-138	-	-	-	-
				C.C. U6	-161	-155	-149	-141	-133	-	-	-	-
				C.C. U7	-201	-176	-148	-118	-86	-	-	-	-
				C.C. U8	-170	-144	-117	-87	-55	-	-	-	-
				C.C. U9	-186	-144	-98	-48	6	-	-	-	-
				C.C. U10	-226	-226	-226	-226	-226	-	-	-	-
				C.C. U11	-195	-195	-195	-195	-195	-	-	-	-
				C.C. U12	-228	-228	-228	-228	-228	-	-	-	-
				C.C. U13	-194	-194	-194	-194	-194	-	-	-	-
				C.C. U14	-162	-162	-162	-162	-162	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-211	-211	-211	-211	-211	-	-	-	-
				C.C.2	-204	-204	-204	-204	-204	-	-	-	-
				C.C.3	-218	-218	-218	-218	-218	-	-	-	-
				C.C.4	-131	-131	-131	-131	-131	-	-	-	-
				C.C.5	-155	-155	-155	-155	-155	-	-	-	-
				C.C.6	1025	1025	1025	1025	1025	-	-	-	-
				C.C.7	934	934	934	934	934	-	-	-	-
				C.C.8	361	361	361	361	361	-	-	-	-
				C.C.9	270	270	270	270	270	-	-	-	-
				C.C.10	-479	-479	-479	-479	-479	-	-	-	-
				C.C.11	-570	-570	-570	-570	-570	-	-	-	-
				C.C.12	-1143	-1143	-1143	-1143	-1143	-	-	-	-
				C.C.13	-1234	-1234	-1234	-1234	-1234	-	-	-	-
				C.C.14	1300	1300	1300	1300	1300	-	-	-	-
				C.C.15	1155	1155	1155	1155	1155	-	-	-	-
				C.C.16	849	849	849	849	849	-	-	-	-
				C.C.17	704	704	704	704	704	-	-	-	-
				C.C.18	-913	-913	-913	-913	-913	-	-	-	-
				C.C.19	-1058	-1058	-1058	-1058	-1058	-	-	-	-
				C.C.20	-1364	-1364	-1364	-1364	-1364	-	-	-	-
				C.C.21	-1509	-1509	-1509	-1509	-1509	-	-	-	-
				C.C. U1	-188	-182	-175	-167	-158	-	-	-	-
				C.C. U2	-156	-150	-143	-135	-127	-	-	-	-
				C.C. U3	-159	-149	-137	-124	-110	-	-	-	-
				C.C. U4	-213	-213	-213	-213	-213	-	-	-	-
				C.C. U5	-181	-181	-181	-181	-181	-	-	-	-
				C.C. U6	-202	-202	-202	-202	-202	-	-	-	-
				C.C. U7	-208	-182	-155	-125	-93	-	-	-	-
				C.C. U8	-176	-151	-123	-93	-61	-	-	-	-
				C.C. U9	-192	-150	-104	-54	-1	-	-	-	-
				C.C. U10	-232	-232	-232	-232	-232	-	-	-	-
				C.C. U11	-201	-201	-201	-201	-201	-	-	-	-
				C.C. U12	-234	-234	-234	-234	-234	-	-	-	-
				C.C. U13	-200	-200	-200	-200	-200	-	-	-	-

				C.C. U14	-168	-168	-168	-168	-168	-	-	-	-
--	--	--	--	----------	------	------	------	------	------	---	---	---	---

#### 4.3.17 Taglio X-Z - Combinazioni SLD.

I prospetti seguenti riportano i valori del taglio (Txz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 69.I

Taglio (Txz) [daN] - Combinazioni SLD													
Asta	Imp.	Fili	L [cm]	Comb.	Txz <sub>1</sub>	Txz <sub>2</sub>	Txz <sub>3</sub>	Txz <sub>4</sub>	Txz <sub>5</sub>	Txz <sub>6</sub>	Txz <sub>7</sub>	Txz <sub>8</sub>	Txz <sub>9</sub>
<b>1</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-158	-186	-213	-242	-271	-300	-330	-361	-392
				C.C.2	-161	-188	-216	-244	-273	-303	-333	-364	-395
				C.C.3	-156	-183	-211	-239	-268	-298	-328	-358	-390
				C.C.4	-93	-129	-164	-201	-237	-275	-312	-350	-389
				C.C.5	-85	-120	-156	-192	-229	-266	-304	-342	-380
				C.C.6	-630	-684	-737	-790	-842	-894	-946	-997	-1047
				C.C.7	-548	-603	-657	-710	-763	-815	-867	-919	-970
				C.C.8	-766	-803	-839	-875	-911	-947	-982	-1017	-1054
				C.C.9	-684	-721	-758	-795	-832	-868	-904	-940	-976
				C.C.10	506	472	438	402	365	327	288	248	207
				C.C.11	588	554	519	482	445	406	366	325	285
				C.C.12	370	354	336	317	296	274	251	227	201
				C.C.13	452	435	417	397	376	353	330	305	278
				C.C.14	-98	-165	-231	-297	-363	-428	-494	-560	-624
				C.C.15	32	-36	-103	-170	-236	-303	-370	-437	-501
				C.C.16	242	182	122	61	0	-62	-124	-187	-247
				C.C.17	372	311	250	188	126	63	0	-64	-125
				C.C.18	-551	-560	-571	-581	-592	-604	-616	-628	-644
				C.C.19	-421	-431	-442	-454	-466	-479	-492	-505	-522
				C.C.20	-210	-213	-218	-223	-230	-237	-246	-255	-268
				C.C.21	-80	-84	-90	-96	-104	-112	-122	-132	-145
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	85	45	5	-36	-77	-119	-161	-203	-246
				C.C.2	83	43	3	-38	-79	-121	-163	-206	-248
				C.C.3	87	48	7	-33	-75	-116	-159	-201	-244
				C.C.4	128	80	31	-19	-69	-119	-169	-220	-271
				C.C.5	135	87	38	-11	-61	-111	-162	-212	-263
				C.C.6	115	51	-12	-74	-137	-198	-260	-321	-382
				C.C.7	129	65	2	-61	-124	-186	-248	-310	-370
				C.C.8	12	-32	-76	-119	-163	-206	-249	-292	-334
				C.C.9	26	-18	-62	-106	-150	-194	-237	-280	-322
				C.C.10	237	185	131	77	21	-36	-94	-153	-212
				C.C.11	252	199	145	89	33	-24	-82	-141	-200
				C.C.12	134	101	67	31	-6	-44	-83	-123	-163
				C.C.13	149	115	80	44	7	-32	-71	-111	-152
				C.C.14	273	191	109	27	-55	-136	-219	-301	-383
				C.C.15	296	214	131	48	-35	-116	-200	-282	-364
				C.C.16	310	231	152	73	-7	-87	-169	-250	-332
				C.C.17	333	254	174	93	13	-67	-150	-231	-313
				C.C.18	-70	-87	-105	-123	-142	-163	-181	-201	-221
				C.C.19	-47	-65	-83	-103	-122	-143	-162	-182	-202
				C.C.20	-33	-47	-62	-78	-95	-114	-131	-150	-170
				C.C.21	-10	-25	-41	-57	-75	-94	-112	-132	-151
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	228	185	143	100	58	17	-24	-64	-104
				C.C.2	230	187	145	103	61	19	-22	-62	-102
				C.C.3	225	183	140	98	56	15	-26	-67	-106
				C.C.4	256	206	155	104	54	4	-46	-95	-143
				C.C.5	248	198	147	96	46	-4	-53	-102	-151
				C.C.6	163	102	43	-16	-74	-131	-187	-243	-296
				C.C.7	176	116	56	-3	-60	-117	-173	-227	-280
				C.C.8	108	66	25	-15	-55	-93	-130	-166	-200
				C.C.9	121	79	38	-1	-41	-78	-115	-150	-184
				C.C.10	384	324	263	202	140	78	16	-47	-110
				C.C.11	397	337	277	215	154	93	31	-31	-94
				C.C.12	329	287	245	203	160	117	74	30	-14
				C.C.13	342	301	259	217	174	131	88	45	2
				C.C.14	300	218	137	54	-26	-107	-188	-268	-348

				C.C.15	321	240	158	76	-4	-84	-164	-244	-323
				C.C.16	367	285	203	119	38	-44	-127	-209	-292
				C.C.17	388	306	224	141	61	-21	-103	-185	-267
				C.C.18	117	97	77	60	39	21	4	-12	-27
				C.C.19	138	118	99	81	62	44	28	12	-2
				C.C.20	183	164	144	125	104	84	65	47	29
				C.C.21	204	185	165	147	126	107	89	71	54
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	477	446	415	385	355	326	297	270	242
				C.C.2	480	448	417	387	358	328	300	272	245
				C.C.3	474	443	412	382	352	323	295	267	240
				C.C.4	458	420	381	344	306	270	233	197	162
				C.C.5	449	411	373	335	298	261	225	189	153
				C.C.6	-169	-211	-253	-293	-333	-371	-408	-444	-478
				C.C.7	-95	-136	-177	-217	-256	-294	-330	-366	-400
				C.C.8	-148	-175	-200	-225	-248	-269	-290	-309	-326
				C.C.9	-74	-100	-125	-149	-171	-192	-212	-231	-247
				C.C.10	982	930	879	827	775	723	670	617	563
				C.C.11	1056	1005	954	903	852	800	748	695	642
				C.C.12	1002	967	932	896	860	824	788	752	715
				C.C.13	1077	1042	1007	972	937	902	866	830	794
				C.C.14	188	124	60	-4	-67	-129	-192	-253	-315
				C.C.15	306	242	179	117	55	-7	-68	-129	-189
				C.C.16	533	466	399	333	266	199	132	65	-2
				C.C.17	651	585	519	453	387	321	255	189	123
				C.C.18	257	246	235	226	217	209	203	197	192
				C.C.19	375	364	355	346	338	332	326	321	318
				C.C.20	602	588	575	562	549	537	526	515	505
				C.C.21	720	707	694	682	671	660	650	640	630
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-150	-173	-197	-220	-244	-267	-290	-314	-337
				C.C.2	-152	-175	-198	-222	-245	-269	-292	-315	-339
				C.C.3	-149	-172	-195	-219	-242	-266	-289	-312	-336
				C.C.4	-68	-100	-132	-164	-196	-229	-261	-294	-326
				C.C.5	-63	-95	-127	-159	-191	-224	-256	-289	-321
				C.C.6	-90	-140	-191	-242	-292	-389	-416	-458	-504
				C.C.7	-139	-190	-241	-292	-342	-440	-467	-509	-555
				C.C.8	179	142	104	66	27	-61	-78	-111	-150
				C.C.9	130	92	54	15	-24	-111	-129	-162	-200
				C.C.10	-262	-287	-313	-338	-364	-341	-388	-420	-447
				C.C.11	-311	-337	-363	-389	-414	-391	-439	-471	-498
				C.C.12	7	-5	-18	-31	-45	-12	-50	-73	-93
				C.C.13	-42	-55	-68	-81	-96	-63	-101	-124	-144
				C.C.14	-449	-507	-564	-619	-674	-741	-786	-835	-883
				C.C.15	-527	-586	-643	-699	-754	-821	-866	-915	-964
				C.C.16	-501	-551	-600	-648	-695	-726	-778	-823	-866
				C.C.17	-579	-630	-679	-728	-775	-807	-858	-904	-946
				C.C.18	447	434	421	405	388	355	341	321	299
				C.C.19	369	355	341	325	308	274	261	241	218
				C.C.20	396	390	384	376	366	369	349	333	316
				C.C.21	317	311	305	296	286	289	269	252	235
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	11	-12	-35	-58	-81	-103	-126	-147	-169
				C.C.2	10	-14	-37	-60	-82	-105	-127	-149	-170
				C.C.3	13	-11	-34	-57	-79	-102	-124	-146	-167
				C.C.4	91	58	25	-8	-40	-73	-105	-138	-170
				C.C.5	96	63	30	-2	-35	-68	-100	-132	-165
				C.C.6	-129	-176	-222	-269	-315	-360	-406	-450	-494
				C.C.7	-173	-220	-266	-312	-358	-404	-449	-493	-537
				C.C.8	205	165	125	84	42	1	-42	-85	-128
				C.C.9	161	122	81	40	-1	-43	-85	-127	-170
				C.C.10	25	-1	-26	-50	-74	-98	-121	-143	-164
				C.C.11	-19	-44	-69	-94	-118	-141	-164	-186	-207
				C.C.12	359	341	322	302	283	263	243	223	202
				C.C.13	315	297	278	259	239	220	200	180	160
				C.C.14	-452	-500	-546	-591	-635	-677	-717	-757	-794
				C.C.15	-521	-569	-615	-660	-703	-745	-786	-825	-861
				C.C.16	-406	-447	-487	-525	-562	-598	-632	-664	-695
				C.C.17	-475	-516	-556	-594	-631	-667	-700	-732	-762
				C.C.18	662	637	612	585	556	526	495	462	428
				C.C.19	592	568	542	515	487	457	427	394	361
				C.C.20	708	690	671	650	628	605	580	554	527

				C.C.21	639	621	601	581	559	536	512	486	460
<b>7</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-219	-242	-265	-289	-312	-336	-360	-383	-407
				C.C.2	-220	-244	-267	-291	-314	-338	-361	-385	-408
				C.C.3	-217	-240	-264	-287	-311	-334	-358	-381	-405
				C.C.4	-126	-158	-190	-222	-254	-287	-319	-352	-385
				C.C.5	-120	-152	-184	-216	-248	-281	-314	-346	-379
				C.C.6	-365	-392	-418	-444	-470	-496	-521	-546	-552
				C.C.7	-321	-347	-373	-399	-425	-450	-475	-501	-506
				C.C.8	-137	-150	-164	-178	-192	-207	-223	-239	-237
				C.C.9	-93	-106	-119	-132	-147	-162	-177	-194	-192
				C.C.10	-154	-204	-255	-306	-356	-406	-456	-505	-572
				C.C.11	-109	-160	-210	-261	-311	-360	-410	-459	-527
				C.C.12	74	37	-1	-39	-78	-118	-158	-198	-258
				C.C.13	119	82	44	6	-33	-72	-112	-152	-212
				C.C.14	-571	-621	-671	-720	-768	-814	-859	-903	-940
				C.C.15	-500	-550	-600	-648	-696	-742	-787	-831	-867
				C.C.16	-507	-565	-622	-679	-734	-787	-840	-891	-946
				C.C.17	-437	-494	-551	-607	-662	-715	-767	-818	-873
				C.C.18	190	184	177	169	159	147	134	120	109
				C.C.19	261	255	248	240	231	219	207	192	182
				C.C.20	254	240	226	210	193	174	154	132	103
				C.C.21	324	311	297	282	265	246	226	205	176
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	29	6	-18	-41	-64	-86	-108	-130	-152
				C.C.2	27	4	-19	-43	-65	-88	-110	-132	-154
				C.C.3	31	7	-16	-39	-62	-84	-107	-128	-150
				C.C.4	104	71	38	6	-27	-60	-92	-125	-157
				C.C.5	110	77	44	12	-21	-54	-86	-119	-151
				C.C.6	-51	-79	-105	-130	-154	-178	-201	-223	-244
				C.C.7	-9	-36	-62	-87	-112	-136	-159	-181	-203
				C.C.8	282	262	243	223	203	184	164	144	123
				C.C.9	325	305	285	265	246	226	205	185	165
				C.C.10	-111	-156	-202	-248	-294	-339	-384	-429	-472
				C.C.11	-68	-114	-160	-206	-252	-297	-342	-387	-431
				C.C.12	223	185	145	104	64	22	-20	-62	-105
				C.C.13	266	227	187	147	106	64	22	-21	-64
				C.C.14	-474	-516	-556	-595	-633	-668	-702	-735	-765
				C.C.15	-407	-449	-489	-528	-566	-602	-636	-669	-700
				C.C.16	-492	-540	-586	-631	-675	-717	-757	-796	-833
				C.C.17	-425	-472	-519	-564	-608	-650	-691	-730	-768
				C.C.18	639	621	601	581	559	536	512	487	460
				C.C.19	706	688	669	648	626	603	579	553	526
				C.C.20	621	597	572	545	517	488	457	425	392
				C.C.21	688	665	639	612	584	554	523	491	457
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	243	224	206	188	171	154	137	121	105
				C.C.2	248	229	211	193	176	159	142	126	110
				C.C.3	238	219	201	183	166	149	132	116	100
				C.C.4	249	218	187	156	126	95	65	36	6
				C.C.5	232	201	170	140	109	79	49	19	-11
				C.C.6	75	34	-7	-47	-86	-126	-167	-207	-248
				C.C.7	59	18	-22	-61	-99	-139	-179	-218	-257
				C.C.8	143	97	51	4	-43	-92	-142	-193	-244
				C.C.9	126	81	36	-10	-56	-104	-154	-203	-253
				C.C.10	355	338	321	306	291	279	268	258	248
				C.C.11	339	322	306	291	278	266	256	247	239
				C.C.12	422	401	379	357	334	313	293	272	251
				C.C.13	406	385	364	342	321	301	281	262	242
				C.C.14	100	72	46	22	0	-21	-41	-58	-76
				C.C.15	74	47	22	-1	-22	-41	-59	-75	-90
				C.C.16	184	163	144	127	113	101	90	81	73
				C.C.17	158	138	120	105	91	81	72	64	58
				C.C.18	324	281	237	191	143	93	43	-10	-64
				C.C.19	298	256	213	169	122	74	24	-27	-78
				C.C.20	408	372	336	297	257	215	173	129	85
				C.C.21	382	347	312	274	235	195	155	113	70
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	329	310	291	274	256	240	223	207	192
				C.C.2	334	315	297	279	262	245	229	213	197
				C.C.3	323	304	286	268	251	234	218	202	186
				C.C.4	319	287	256	226	195	165	135	105	76



				C.C.5	301	269	239	208	177	147	117	87	58
				C.C.6	475	458	442	428	416	406	396	388	381
				C.C.7	483	465	449	433	421	410	399	390	382
				C.C.8	473	453	433	412	394	375	356	336	316
				C.C.9	481	460	439	418	399	379	359	338	317
				C.C.10	138	96	56	15	-26	-66	-106	-145	-184
				C.C.11	146	104	62	21	-21	-62	-103	-143	-183
				C.C.12	136	92	46	0	-48	-97	-147	-198	-249
				C.C.13	144	99	53	6	-43	-93	-144	-196	-248
				C.C.14	358	335	316	299	285	275	267	262	259
				C.C.15	370	347	326	308	293	281	272	265	260
				C.C.16	256	227	200	175	153	134	117	102	90
				C.C.17	269	238	210	185	161	140	121	105	91
				C.C.18	350	319	285	249	212	172	131	88	43
				C.C.19	363	330	295	258	220	179	136	91	44
				C.C.20	249	210	169	125	79	31	-20	-72	-127
				C.C.21	262	222	179	134	87	37	-15	-69	-126
11	fondazione	5, 6	80.76	(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)	
				C.C.1	-192	-218	-245	-273	-301	-331	-361	-392	-424
				C.C.2	-196	-222	-249	-276	-305	-334	-365	-396	-428
				C.C.3	-188	-215	-241	-269	-298	-327	-357	-388	-420
				C.C.4	-52	-96	-140	-185	-231	-277	-324	-372	-420
				C.C.5	-40	-84	-128	-173	-219	-265	-312	-359	-407
				C.C.6	-471	-517	-561	-604	-647	-690	-732	-774	-817
				C.C.7	-516	-560	-602	-645	-686	-728	-770	-811	-853
				C.C.8	-226	-290	-353	-415	-476	-537	-597	-657	-716
				C.C.9	-270	-333	-395	-455	-516	-575	-634	-694	-752
				C.C.10	178	153	126	97	66	33	-1	-37	-75
				C.C.11	133	110	84	56	26	-5	-39	-74	-111
				C.C.12	423	379	334	286	237	186	134	80	26
				C.C.13	379	336	292	246	197	147	96	44	-10
				C.C.14	-518	-534	-550	-568	-585	-604	-623	-643	-665
				C.C.15	-588	-602	-617	-632	-648	-665	-683	-701	-722
				C.C.16	-323	-333	-344	-357	-371	-387	-404	-422	-442
				C.C.17	-393	-401	-411	-422	-434	-448	-463	-480	-500
				C.C.18	301	221	142	63	-16	-94	-172	-251	-328
				C.C.19	230	153	76	-1	-78	-155	-232	-309	-385
				C.C.20	496	422	348	273	198	123	47	-29	-105
				C.C.21	425	354	282	209	136	62	-13	-88	-162
12	fondazione	5, 6	91.16	(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)	
				C.C.1	151	114	77	39	1	-37	-75	-112	-149
				C.C.2	151	114	77	39	1	-37	-75	-112	-149
				C.C.3	151	114	77	39	1	-37	-75	-112	-149
				C.C.4	223	168	113	57	1	-55	-110	-166	-221
				C.C.5	223	168	113	57	1	-54	-110	-165	-220
				C.C.6	155	107	60	13	-33	-79	-123	-166	-208
				C.C.7	138	91	44	-3	-49	-94	-139	-183	-225
				C.C.8	236	169	102	36	-29	-94	-157	-220	-281
				C.C.9	219	152	86	20	-45	-109	-173	-236	-298
				C.C.10	227	184	139	94	47	0	-47	-95	-143
				C.C.11	210	167	123	78	31	-16	-63	-111	-160
				C.C.12	308	245	181	117	51	-15	-81	-148	-215
				C.C.13	291	229	165	101	36	-31	-97	-165	-232
				C.C.14	91	67	43	19	-5	-29	-52	-74	-96
				C.C.15	64	41	17	-6	-30	-54	-78	-100	-123
				C.C.16	112	90	67	43	19	-5	-29	-53	-76
				C.C.17	85	64	41	18	-6	-30	-55	-79	-103
				C.C.18	361	272	184	96	9	-79	-166	-252	-338
				C.C.19	334	246	159	71	-17	-104	-191	-278	-365
				C.C.20	382	295	208	120	33	-55	-143	-230	-318
				C.C.21	355	269	182	95	8	-80	-168	-257	-345
13	fondazione	5, 6	80.76	(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)	
				C.C.1	431	399	369	339	309	281	254	227	202
				C.C.2	435	403	372	342	313	285	257	231	205
				C.C.3	427	396	365	335	306	278	250	224	198
				C.C.4	424	376	329	282	236	191	146	102	59
				C.C.5	412	364	317	270	225	179	135	91	47
				C.C.6	109	73	38	6	-25	-54	-81	-106	-128
				C.C.7	70	33	-2	-35	-67	-97	-126	-152	-176
				C.C.8	-2	-55	-106	-157	-205	-253	-298	-341	-383
				C.C.9	-41	-94	-147	-198	-248	-296	-342	-387	-430
				C.C.10	877	835	793	750	708	666	623	580	536

				C.C.11	838	795	752	709	666	623	579	534	489
				C.C.12	767	707	648	588	528	468	407	345	282
				C.C.13	728	668	608	547	486	425	362	299	234
				C.C.14	518	500	483	468	454	442	431	422	415
				C.C.15	456	437	419	403	387	373	361	350	340
				C.C.16	749	728	709	691	674	658	643	628	614
				C.C.17	687	665	645	626	607	590	572	556	539
				C.C.18	149	75	1	-73	-147	-219	-291	-363	-433
				C.C.19	88	12	-63	-139	-213	-288	-362	-435	-508
				C.C.20	380	304	227	150	74	-3	-80	-157	-234
				C.C.21	318	241	163	85	7	-72	-150	-229	-309
<b>14</b>	<b>piano 1</b>	<b>1, 2</b>	<b>280.0 0</b>		<b>(X=0)</b>	<b>(X=35)</b>	<b>(X=70)</b>	<b>(X=105)</b>	<b>(X=140)</b>	<b>(X=175)</b>	<b>(X=210)</b>	<b>(X=245)</b>	<b>(X=L)</b>
				C.C.1	1150	862	575	287	0	-288	-576	-863	-1151
				C.C.2	1150	862	575	287	0	-288	-576	-863	-1151
				C.C.3	1150	862	575	287	0	-288	-576	-863	-1151
				C.C.4	870	652	435	217	0	-218	-435	-653	-870
				C.C.5	870	652	435	217	0	-218	-435	-653	-870
				C.C.6	636	419	201	-16	-234	-451	-669	-886	-1104
				C.C.7	666	449	231	14	-204	-421	-639	-856	-1074
				C.C.8	635	417	200	-18	-235	-453	-671	-888	-1106
				C.C.9	665	447	230	12	-205	-423	-640	-858	-1075
				C.C.10	1075	857	640	422	205	-13	-230	-448	-666
				C.C.11	1105	887	670	452	235	17	-200	-418	-635
				C.C.12	1073	855	638	420	203	-15	-232	-450	-667
				C.C.13	1103	886	668	450	233	15	-202	-420	-637
				C.C.14	783	565	348	130	-87	-305	-522	-740	-957
				C.C.15	831	613	396	178	-39	-257	-474	-692	-910
				C.C.16	914	697	479	262	44	-173	-391	-608	-826
				C.C.17	962	745	527	310	92	-125	-343	-560	-778
				C.C.18	777	560	342	125	-93	-310	-528	-745	-963
				C.C.19	825	607	390	172	-45	-263	-480	-698	-915
				C.C.20	909	691	474	256	39	-179	-396	-614	-831
				C.C.21	956	739	521	304	86	-131	-349	-566	-784
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.0 0</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	946	597	247	-102	-451	-801	-1150	-1499	-1849
				C.C.2	948	599	250	-100	-449	-798	-1148	-1497	-1846
				C.C.3	944	594	245	-104	-454	-803	-1152	-1502	-1851
				C.C.4	719	457	195	-68	-330	-592	-855	-1117	-1379
				C.C.5	711	449	187	-76	-338	-600	-863	-1125	-1387
				C.C.6	672	410	147	-115	-377	-640	-902	-1164	-1427
				C.C.7	602	340	78	-185	-447	-709	-972	-1234	-1496
				C.C.8	1048	786	524	261	-1	-263	-526	-788	-1050
				C.C.9	979	716	454	191	-71	-333	-596	-858	-1120
				C.C.10	452	190	-72	-335	-597	-859	-1122	-1384	-1646
				C.C.11	383	120	-142	-404	-667	-929	-1191	-1454	-1716
				C.C.12	829	566	304	41	-221	-483	-746	-1008	-1270
				C.C.13	759	496	234	-28	-291	-553	-815	-1078	-1340
				C.C.14	177	-85	-348	-610	-873	-1135	-1397	-1660	-1922
				C.C.15	66	-196	-458	-721	-983	-1246	-1508	-1770	-2033
				C.C.16	111	-151	-414	-676	-938	-1201	-1463	-1726	-1988
				C.C.17	0	-262	-524	-787	-1049	-1311	-1574	-1836	-2099
				C.C.18	1431	1168	906	644	381	119	-143	-406	-668
				C.C.19	1320	1058	795	533	271	8	-254	-516	-779
				C.C.20	1365	1102	840	578	315	53	-209	-472	-734
				C.C.21	1254	992	729	467	205	-58	-320	-582	-845
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	-62	-123	-185	-246	-308	-370	-431	-493
				C.C.2	0	-62	-123	-185	-246	-308	-370	-431	-493
				C.C.3	0	-62	-123	-185	-246	-308	-370	-431	-493
				C.C.4	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.5	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.6	-12	-58	-105	-152	-198	-245	-291	-338	-385
				C.C.7	-12	-58	-105	-152	-198	-245	-291	-338	-385
				C.C.8	-6	-53	-100	-146	-193	-240	-286	-333	-379
				C.C.9	-6	-53	-100	-146	-193	-240	-286	-333	-379
				C.C.10	6	-40	-87	-133	-180	-227	-273	-320	-366
				C.C.11	6	-40	-87	-133	-180	-227	-273	-320	-366
				C.C.12	12	-35	-81	-128	-175	-221	-268	-314	-361
				C.C.13	12	-35	-81	-128	-175	-221	-268	-314	-361
				C.C.14	-12	-58	-105	-151	-198	-245	-291	-338	-384

				C.C.15	-12	-58	-105	-151	-198	-245	-291	-338	-384
				C.C.16	-6	-53	-99	-146	-193	-239	-286	-332	-379
				C.C.17	-6	-53	-99	-146	-193	-239	-286	-332	-379
				C.C.18	6	-41	-87	-134	-180	-227	-274	-320	-367
				C.C.19	6	-41	-87	-134	-180	-227	-274	-320	-367
				C.C.20	12	-35	-82	-128	-175	-221	-268	-315	-361
				C.C.21	12	-35	-82	-128	-175	-221	-268	-315	-361
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	130	114	98	81	65	49	33	16	0
				C.C.2	130	114	98	81	65	49	33	16	0
				C.C.3	130	114	98	81	65	49	33	16	0
				C.C.4	106	93	80	66	53	40	27	13	0
				C.C.5	106	93	80	66	53	40	27	13	0
				C.C.6	108	95	82	69	55	42	29	15	2
				C.C.7	108	95	82	69	55	42	29	15	2
				C.C.8	107	93	80	67	53	40	27	14	0
				C.C.9	107	93	80	67	53	40	27	14	0
				C.C.10	106	93	79	66	53	39	26	13	0
				C.C.11	106	93	79	66	53	39	26	13	0
				C.C.12	104	91	78	64	51	38	24	11	-2
				C.C.13	104	91	78	64	51	38	24	11	-2
				C.C.14	110	96	83	70	56	43	30	17	3
				C.C.15	110	96	83	70	56	43	30	17	3
				C.C.16	109	96	82	69	56	42	29	16	3
				C.C.17	109	96	82	69	56	42	29	16	3
				C.C.18	104	90	77	64	50	37	24	11	-3
				C.C.19	104	90	77	64	50	37	24	11	-3
				C.C.20	103	90	76	63	50	36	23	10	-3
				C.C.21	103	90	76	63	50	36	23	10	-3
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	940	590	241	-108	-458	-807	-1156	-1506	-1855
				C.C.2	942	593	243	-106	-455	-805	-1154	-1503	-1853
				C.C.3	937	588	239	-111	-460	-809	-1159	-1508	-1857
				C.C.4	714	452	190	-73	-335	-597	-860	-1122	-1384
				C.C.5	707	444	182	-80	-343	-605	-868	-1130	-1392
				C.C.6	360	97	-165	-427	-690	-952	-1214	-1477	-1739
				C.C.7	429	167	-95	-358	-620	-882	-1145	-1407	-1669
				C.C.8	736	474	211	-51	-313	-576	-838	-1100	-1363
				C.C.9	806	543	281	19	-244	-506	-768	-1031	-1293
				C.C.10	615	353	91	-172	-434	-696	-959	-1221	-1484
				C.C.11	685	423	160	-102	-365	-627	-889	-1152	-1414
				C.C.12	992	729	467	205	-58	-320	-583	-845	-1107
				C.C.13	1061	799	536	274	12	-251	-513	-775	-1038
				C.C.14	-10	-272	-535	-797	-1060	-1322	-1584	-1847	-2109
				C.C.15	100	-162	-424	-687	-949	-1212	-1474	-1736	-1999
				C.C.16	67	-196	-458	-721	-983	-1245	-1508	-1770	-2032
				C.C.17	177	-85	-348	-610	-873	-1135	-1397	-1660	-1922
				C.C.18	1244	982	719	457	195	-68	-330	-592	-855
				C.C.19	1354	1092	830	567	305	43	-220	-482	-744
				C.C.20	1321	1058	796	534	271	9	-253	-516	-778
				C.C.21	1431	1169	906	644	382	119	-143	-405	-668
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	493	431	370	308	246	185	123	62	0
				C.C.2	493	431	370	308	246	185	123	62	0
				C.C.3	493	431	370	308	246	185	123	62	0
				C.C.4	373	326	280	233	186	140	93	47	0
				C.C.5	373	326	280	233	186	140	93	47	0
				C.C.6	366	320	273	226	180	133	87	40	-7
				C.C.7	366	320	273	226	180	133	87	40	-7
				C.C.8	361	314	268	221	175	128	81	35	-12
				C.C.9	361	314	268	221	175	128	81	35	-12
				C.C.10	385	338	292	245	198	152	105	58	12
				C.C.11	385	338	292	245	198	152	105	58	12
				C.C.12	380	333	286	240	193	146	100	53	7
				C.C.13	380	333	286	240	193	146	100	53	7
				C.C.14	379	332	286	239	192	146	99	53	6
				C.C.15	379	332	286	239	192	146	99	53	6
				C.C.16	384	338	291	245	198	151	105	58	12
				C.C.17	384	338	291	245	198	151	105	58	12
				C.C.18	361	315	268	222	175	128	82	35	-12
				C.C.19	361	315	268	222	175	128	82	35	-12

				C.C.20	367	320	274	227	180	134	87	41	-6
				C.C.21	367	320	274	227	180	134	87	41	-6
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	130	114	98	81	65	49	33	16	0
				C.C.2	130	114	98	81	65	49	33	16	0
				C.C.3	130	114	98	81	65	49	33	16	0
				C.C.4	106	93	80	66	53	40	27	13	0
				C.C.5	106	93	80	66	53	40	27	13	0
				C.C.6	106	93	79	66	53	39	26	13	0
				C.C.7	106	93	79	66	53	39	26	13	0
				C.C.8	104	91	77	64	51	38	24	11	-2
				C.C.9	104	91	77	64	51	38	24	11	-2
				C.C.10	108	95	82	69	55	42	29	15	2
				C.C.11	108	95	82	69	55	42	29	15	2
				C.C.12	107	93	80	67	53	40	27	14	0
				C.C.13	107	93	80	67	53	40	27	14	0
				C.C.14	109	96	82	69	56	42	29	16	3
				C.C.15	109	96	82	69	56	42	29	16	3
				C.C.16	110	96	83	70	56	43	30	17	3
				C.C.17	110	96	83	70	56	43	30	17	3
				C.C.18	103	90	76	63	50	36	23	10	-3
				C.C.19	103	90	76	63	50	36	23	10	-3
				C.C.20	104	90	77	64	50	37	24	11	-3
				C.C.21	104	90	77	64	50	37	24	11	-3
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-27	-211	-395	-579	-762	-946	-1130	-1314	-1498
				C.C.2	-27	-211	-395	-579	-762	-946	-1130	-1314	-1498
				C.C.3	-27	-211	-395	-579	-762	-946	-1130	-1314	-1498
				C.C.4	77	-61	-199	-337	-475	-613	-751	-889	-1028
				C.C.5	77	-61	-199	-337	-475	-613	-752	-890	-1028
				C.C.6	-889	-1027	-1165	-1303	-1441	-1579	-1717	-1855	-1993
				C.C.7	-1007	-1145	-1283	-1421	-1559	-1697	-1835	-1973	-2111
				C.C.8	-6	-144	-282	-420	-558	-696	-834	-972	-1110
				C.C.9	-124	-262	-400	-538	-676	-814	-952	-1090	-1228
				C.C.10	277	139	1	-137	-275	-413	-551	-689	-827
				C.C.11	159	21	-117	-255	-393	-531	-669	-807	-945
				C.C.12	1160	1022	884	746	608	470	332	194	56
				C.C.13	1042	904	766	628	490	352	214	76	-62
				C.C.14	-1476	-1614	-1752	-1890	-2028	-2166	-2304	-2442	-2580
				C.C.15	-1663	-1801	-1939	-2077	-2215	-2353	-2491	-2629	-2767
				C.C.16	-1126	-1264	-1402	-1540	-1678	-1816	-1954	-2092	-2230
				C.C.17	-1313	-1451	-1589	-1727	-1866	-2004	-2142	-2280	-2418
				C.C.18	1467	1329	1191	1053	915	777	639	501	363
				C.C.19	1280	1142	1003	865	727	589	451	313	175
				C.C.20	1816	1678	1540	1402	1264	1126	988	850	712
				C.C.21	1629	1491	1353	1215	1077	939	801	663	525
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-4	-188	-371	-555	-739	-923	-1107	-1290	-1474
				C.C.2	-4	-188	-371	-555	-739	-923	-1107	-1290	-1474
				C.C.3	-4	-188	-371	-555	-739	-923	-1107	-1290	-1474
				C.C.4	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.5	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.6	144	6	-132	-270	-408	-546	-684	-822	-960
				C.C.7	261	123	-15	-153	-291	-429	-568	-706	-844
				C.C.8	1028	890	752	614	476	338	200	62	-76
				C.C.9	1145	1007	869	731	593	455	317	179	41
				C.C.10	-954	-1092	-1230	-1368	-1506	-1644	-1782	-1920	-2058
				C.C.11	-837	-975	-1113	-1251	-1389	-1527	-1665	-1803	-1941
				C.C.12	-69	-207	-345	-483	-621	-759	-897	-1035	-1173
				C.C.13	48	-90	-228	-366	-504	-642	-780	-918	-1056
				C.C.14	-1306	-1444	-1582	-1721	-1859	-1997	-2135	-2273	-2411
				C.C.15	-1121	-1259	-1397	-1535	-1673	-1811	-1949	-2087	-2225
				C.C.16	-1636	-1774	-1912	-2050	-2188	-2326	-2464	-2602	-2740
				C.C.17	-1451	-1589	-1727	-1865	-2003	-2141	-2279	-2417	-2555
				C.C.18	1642	1504	1366	1228	1090	952	814	676	538
				C.C.19	1827	1689	1551	1413	1275	1137	999	861	723
				C.C.20	1313	1175	1037	899	761	623	485	347	209
				C.C.21	1498	1360	1222	1084	946	808	670	532	394
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	1988	1492	995	498	2	-495	-991	-1488	-1984
				C.C.2	1988	1492	995	498	2	-495	-991	-1488	-1984

				C.C.3	1988	1492	995	498	2	-495	-991	-1488	-1984
				C.C.4	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.5	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.6	811	463	114	-234	-583	-931	-1279	-1628	-1976
				C.C.7	812	463	115	-233	-582	-930	-1279	-1627	-1976
				C.C.8	807	458	110	-238	-587	-935	-1284	-1632	-1981
				C.C.9	808	459	111	-238	-586	-935	-1283	-1632	-1980
				C.C.10	1983	1635	1286	938	589	241	-107	-456	-804
				C.C.11	1984	1635	1287	939	590	242	-107	-455	-804
				C.C.12	1979	1630	1282	934	585	237	-112	-460	-809
				C.C.13	1979	1631	1283	934	586	237	-111	-460	-808
				C.C.14	1226	878	529	181	-167	-516	-864	-1213	-1561
				C.C.15	1227	879	530	182	-166	-515	-863	-1212	-1560
				C.C.16	1578	1230	881	533	184	-164	-513	-861	-1210
				C.C.17	1579	1231	882	534	185	-163	-512	-860	-1209
				C.C.18	1212	863	515	166	-182	-530	-879	-1227	-1576
				C.C.19	1213	864	516	167	-181	-529	-878	-1226	-1575
				C.C.20	1563	1215	866	518	170	-179	-527	-876	-1224
				C.C.21	1564	1216	867	519	171	-178	-526	-875	-1223
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-145	-289	-434	-578	-723	-868	-1012	-1157
				C.C.2	0	-145	-289	-434	-578	-723	-868	-1012	-1157
				C.C.3	0	-145	-289	-434	-578	-723	-868	-1012	-1157
				C.C.4	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.5	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.6	-27	-129	-230	-331	-433	-534	-636	-737	-839
				C.C.7	-27	-129	-230	-331	-433	-534	-636	-737	-839
				C.C.8	-40	-141	-243	-344	-446	-547	-649	-750	-852
				C.C.9	-40	-141	-243	-344	-446	-547	-649	-750	-852
				C.C.10	40	-62	-163	-265	-366	-468	-569	-671	-772
				C.C.11	40	-62	-163	-265	-366	-468	-569	-671	-772
				C.C.12	27	-74	-176	-277	-379	-480	-582	-683	-785
				C.C.13	27	-74	-176	-277	-379	-480	-582	-683	-785
				C.C.14	11	-90	-192	-293	-395	-496	-598	-699	-801
				C.C.15	11	-90	-192	-293	-395	-496	-598	-699	-801
				C.C.16	31	-70	-172	-273	-375	-476	-578	-679	-781
				C.C.17	31	-70	-172	-273	-375	-476	-578	-679	-781
				C.C.18	-31	-133	-234	-336	-437	-539	-640	-742	-843
				C.C.19	-31	-133	-234	-336	-437	-539	-640	-742	-843
				C.C.20	-11	-113	-214	-316	-417	-519	-620	-722	-823
				C.C.21	-11	-113	-214	-316	-417	-519	-620	-722	-823
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	1157	1012	868	723	578	434	289	145	0
				C.C.2	1157	1012	868	723	578	434	289	145	0
				C.C.3	1157	1012	868	723	578	434	289	145	0
				C.C.4	812	710	609	507	406	304	203	101	0
				C.C.5	812	710	609	507	406	304	203	101	0
				C.C.6	772	671	569	468	366	265	163	62	-40
				C.C.7	772	671	569	468	366	265	163	62	-40
				C.C.8	785	683	582	480	379	277	176	74	-27
				C.C.9	785	683	582	480	379	277	176	74	-27
				C.C.10	839	737	636	534	433	331	230	128	27
				C.C.11	839	737	636	534	433	331	230	128	27
				C.C.12	852	750	649	547	446	344	243	141	40
				C.C.13	852	750	649	547	446	344	243	141	40
				C.C.14	780	679	578	476	375	273	172	70	-31
				C.C.15	780	679	578	476	375	273	172	70	-31
				C.C.16	800	699	598	496	395	293	192	90	-11
				C.C.17	800	699	598	496	395	293	192	90	-11
				C.C.18	823	722	620	519	417	316	214	113	11
				C.C.19	823	722	620	519	417	316	214	113	11
				C.C.20	843	742	640	539	437	336	234	133	31
				C.C.21	843	742	640	539	437	336	234	133	31
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	63	63	63	63	63	-	-	-	-
				C.C.2	60	60	60	60	60	-	-	-	-
				C.C.3	66	66	66	66	66	-	-	-	-
				C.C.4	41	41	41	41	41	-	-	-	-
				C.C.5	50	50	50	50	50	-	-	-	-
				C.C.6	180	180	180	180	180	-	-	-	-
				C.C.7	217	217	217	217	217	-	-	-	-

				C.C.8	-70	-70	-70	-70	-70	-	-	-	-
				C.C.9	-33	-33	-33	-33	-33	-	-	-	-
				C.C.10	123	123	123	123	123	-	-	-	-
				C.C.11	161	161	161	161	161	-	-	-	-
				C.C.12	-127	-127	-127	-127	-127	-	-	-	-
				C.C.13	-89	-89	-89	-89	-89	-	-	-	-
				C.C.14	441	441	441	441	441	-	-	-	-
				C.C.15	500	500	500	500	500	-	-	-	-
				C.C.16	424	424	424	424	424	-	-	-	-
				C.C.17	483	483	483	483	483	-	-	-	-
				C.C.18	-393	-393	-393	-393	-393	-	-	-	-
				C.C.19	-333	-333	-333	-333	-333	-	-	-	-
				C.C.20	-410	-410	-410	-410	-410	-	-	-	-
				C.C.21	-350	-350	-350	-350	-350	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	64	64	64	64	64	-	-	-	-
				C.C.2	62	62	62	62	62	-	-	-	-
				C.C.3	67	67	67	67	67	-	-	-	-
				C.C.4	42	42	42	42	42	-	-	-	-
				C.C.5	51	51	51	51	51	-	-	-	-
				C.C.6	172	172	172	172	172	-	-	-	-
				C.C.7	135	135	135	135	135	-	-	-	-
				C.C.8	-79	-79	-79	-79	-79	-	-	-	-
				C.C.9	-116	-116	-116	-116	-116	-	-	-	-
				C.C.10	209	209	209	209	209	-	-	-	-
				C.C.11	171	171	171	171	171	-	-	-	-
				C.C.12	-42	-42	-42	-42	-42	-	-	-	-
				C.C.13	-80	-80	-80	-80	-80	-	-	-	-
				C.C.14	489	489	489	489	489	-	-	-	-
				C.C.15	430	430	430	430	430	-	-	-	-
				C.C.16	500	500	500	500	500	-	-	-	-
				C.C.17	441	441	441	441	441	-	-	-	-
				C.C.18	-348	-348	-348	-348	-348	-	-	-	-
				C.C.19	-408	-408	-408	-408	-408	-	-	-	-
				C.C.20	-337	-337	-337	-337	-337	-	-	-	-
				C.C.21	-397	-397	-397	-397	-397	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	86	86	86	86	86	-	-	-	-
				C.C.2	85	85	85	85	85	-	-	-	-
				C.C.3	86	86	86	86	86	-	-	-	-
				C.C.4	58	58	58	58	58	-	-	-	-
				C.C.5	59	59	59	59	59	-	-	-	-
				C.C.6	232	232	232	232	232	-	-	-	-
				C.C.7	270	270	270	270	270	-	-	-	-
				C.C.8	-14	-14	-14	-14	-14	-	-	-	-
				C.C.9	24	24	24	24	24	-	-	-	-
				C.C.10	93	93	93	93	93	-	-	-	-
				C.C.11	131	131	131	131	131	-	-	-	-
				C.C.12	-153	-153	-153	-153	-153	-	-	-	-
				C.C.13	-115	-115	-115	-115	-115	-	-	-	-
				C.C.14	459	459	459	459	459	-	-	-	-
				C.C.15	520	520	520	520	520	-	-	-	-
				C.C.16	417	417	417	417	417	-	-	-	-
				C.C.17	478	478	478	478	478	-	-	-	-
				C.C.18	-361	-361	-361	-361	-361	-	-	-	-
				C.C.19	-301	-301	-301	-301	-301	-	-	-	-
				C.C.20	-403	-403	-403	-403	-403	-	-	-	-
				C.C.21	-342	-342	-342	-342	-342	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	85	85	85	85	85	-	-	-	-
				C.C.2	85	85	85	85	85	-	-	-	-
				C.C.3	86	86	86	86	86	-	-	-	-
				C.C.4	57	57	57	57	57	-	-	-	-
				C.C.5	59	59	59	59	59	-	-	-	-
				C.C.6	141	141	141	141	141	-	-	-	-
				C.C.7	103	103	103	103	103	-	-	-	-
				C.C.8	-106	-106	-106	-106	-106	-	-	-	-
				C.C.9	-144	-144	-144	-144	-144	-	-	-	-
				C.C.10	260	260	260	260	260	-	-	-	-
				C.C.11	222	222	222	222	222	-	-	-	-

				C.C.12	13	13	13	13	13	-	-	-	-
				C.C.13	-25	-25	-25	-25	-25	-	-	-	-
				C.C.14	482	482	482	482	482	-	-	-	-
				C.C.15	422	422	422	422	422	-	-	-	-
				C.C.16	518	518	518	518	518	-	-	-	-
				C.C.17	457	457	457	457	457	-	-	-	-
				C.C.18	-341	-341	-341	-341	-341	-	-	-	-
				C.C.19	-402	-402	-402	-402	-402	-	-	-	-
				C.C.20	-306	-306	-306	-306	-306	-	-	-	-
				C.C.21	-366	-366	-366	-366	-366	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-146	-146	-146	-146	-146	-	-	-	-
				C.C.2	-141	-141	-141	-141	-141	-	-	-	-
				C.C.3	-150	-150	-150	-150	-150	-	-	-	-
				C.C.4	-93	-93	-93	-93	-93	-	-	-	-
				C.C.5	-109	-109	-109	-109	-109	-	-	-	-
				C.C.6	-321	-321	-321	-321	-321	-	-	-	-
				C.C.7	-280	-280	-280	-280	-280	-	-	-	-
				C.C.8	-663	-663	-663	-663	-663	-	-	-	-
				C.C.9	-621	-621	-621	-621	-621	-	-	-	-
				C.C.10	419	419	419	419	419	-	-	-	-
				C.C.11	461	461	461	461	461	-	-	-	-
				C.C.12	78	78	78	78	78	-	-	-	-
				C.C.13	120	120	120	120	120	-	-	-	-
				C.C.14	324	324	324	324	324	-	-	-	-
				C.C.15	390	390	390	390	390	-	-	-	-
				C.C.16	546	546	546	546	546	-	-	-	-
				C.C.17	612	612	612	612	612	-	-	-	-
				C.C.18	-813	-813	-813	-813	-813	-	-	-	-
				C.C.19	-748	-748	-748	-748	-748	-	-	-	-
				C.C.20	-591	-591	-591	-591	-591	-	-	-	-
				C.C.21	-525	-525	-525	-525	-525	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-150	-150	-150	-150	-150	-	-	-	-
				C.C.2	-145	-145	-145	-145	-145	-	-	-	-
				C.C.3	-155	-155	-155	-155	-155	-	-	-	-
				C.C.4	-97	-97	-97	-97	-97	-	-	-	-
				C.C.5	-112	-112	-112	-112	-112	-	-	-	-
				C.C.6	465	465	465	465	465	-	-	-	-
				C.C.7	424	424	424	424	424	-	-	-	-
				C.C.8	131	131	131	131	131	-	-	-	-
				C.C.9	90	90	90	90	90	-	-	-	-
				C.C.10	-299	-299	-299	-299	-299	-	-	-	-
				C.C.11	-340	-340	-340	-340	-340	-	-	-	-
				C.C.12	-633	-633	-633	-633	-633	-	-	-	-
				C.C.13	-674	-674	-674	-674	-674	-	-	-	-
				C.C.14	600	600	600	600	600	-	-	-	-
				C.C.15	535	535	535	535	535	-	-	-	-
				C.C.16	371	371	371	371	371	-	-	-	-
				C.C.17	305	305	305	305	305	-	-	-	-
				C.C.18	-514	-514	-514	-514	-514	-	-	-	-
				C.C.19	-580	-580	-580	-580	-580	-	-	-	-
				C.C.20	-744	-744	-744	-744	-744	-	-	-	-
				C.C.21	-809	-809	-809	-809	-809	-	-	-	-

#### 4.3.18 Taglio X-Z - Combinazioni SLE Caratteristiche.

I prospetti seguenti riportano i valori del taglio (Txz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 70.I

Taglio (Txz) [daN] - Combinazioni SLE Caratteristiche													
Asta	Imp.	Fili	L [cm]	Comb.	Txz <sub>1</sub>	Txz <sub>2</sub>	Txz <sub>3</sub>	Txz <sub>4</sub>	Txz <sub>5</sub>	Txz <sub>6</sub>	Txz <sub>7</sub>	Txz <sub>8</sub>	Txz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-159	-186	-214	-243	-272	-301	-331	-362	-393
				C.C.2	-158	-185	-213	-241	-270	-299	-329	-360	-391
				C.C.3	-91	-126	-162	-198	-235	-272	-309	-348	-386

				C.C.4	-88	-123	-159	-195	-232	-269	-306	-345	-383
				C.C. U1	-165	-192	-220	-248	-277	-307	-337	-368	-399
				C.C. U2	-145	-175	-205	-235	-267	-298	-331	-364	-397
				C.C. U3	-146	-176	-207	-238	-269	-301	-334	-367	-401
				C.C. U4	-148	-177	-206	-236	-267	-298	-330	-363	-396
				C.C. U5	-140	-166	-193	-221	-249	-278	-308	-338	-369
				C.C. U6	-120	-149	-178	-208	-239	-270	-302	-334	-367
				C.C. U7	-104	-133	-162	-192	-223	-254	-286	-318	-351
				C.C. U8	-122	-151	-180	-209	-239	-270	-301	-333	-366
				C.C. U9	-153	-181	-209	-238	-268	-298	-329	-361	-393
				C.C. U10	-132	-163	-194	-225	-257	-290	-323	-357	-391
				C.C. U11	-125	-156	-188	-221	-253	-287	-321	-355	-390
				C.C. U12	-135	-165	-195	-226	-258	-290	-323	-356	-390
				C.C. U13	-171	-196	-223	-249	-277	-305	-333	-363	-393
				C.C. U14	-151	-179	-207	-236	-266	-296	-327	-359	-391
				C.C. U15	-155	-183	-211	-239	-268	-298	-328	-359	-390
				C.C. U16	-153	-181	-209	-237	-267	-296	-327	-358	-390
				C.C. U17	-163	-191	-218	-247	-276	-305	-335	-366	-397
				C.C. U18	-142	-172	-202	-233	-264	-296	-328	-361	-394
				C.C. U19	-144	-174	-205	-236	-267	-300	-332	-365	-399
				C.C. U20	-146	-175	-205	-235	-265	-297	-329	-361	-394
				C.C. U21	-138	-165	-192	-219	-248	-277	-306	-336	-367
				C.C. U22	-117	-146	-175	-205	-236	-267	-299	-331	-364
				C.C. U23	-102	-131	-160	-190	-221	-252	-284	-316	-349
				C.C. U24	-121	-149	-178	-207	-238	-268	-300	-332	-364
				C.C. U25	-151	-179	-207	-236	-266	-296	-327	-359	-391
				C.C. U26	-129	-160	-191	-222	-254	-287	-320	-354	-388
				C.C. U27	-123	-155	-187	-219	-252	-285	-319	-354	-389
				C.C. U28	-133	-163	-194	-225	-256	-288	-321	-354	-388
				C.C. U29	-169	-195	-221	-248	-275	-303	-332	-361	-391
				C.C. U30	-148	-176	-204	-234	-263	-294	-324	-356	-388
				C.C. U31	-154	-181	-209	-237	-267	-296	-326	-357	-388
				C.C. U32	-151	-179	-207	-236	-265	-295	-325	-356	-388
				C.C. U33	-162	-189	-216	-244	-273	-302	-331	-362	-392
				C.C. U34	-142	-171	-201	-231	-262	-293	-325	-358	-391
				C.C. U35	-145	-173	-203	-232	-263	-293	-325	-357	-389
				C.C. U36	-161	-187	-215	-243	-271	-300	-330	-360	-391
				C.C. U37	-139	-168	-198	-228	-259	-290	-322	-355	-388
				C.C. U38	-143	-172	-201	-231	-261	-292	-323	-355	-387
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	83	43	3	-38	-79	-121	-163	-206	-249
				C.C.2	87	48	7	-33	-75	-116	-158	-201	-243
				C.C.3	128	80	31	-19	-69	-119	-170	-220	-271
				C.C.4	135	87	38	-11	-61	-111	-161	-212	-263
				C.C. U1	82	42	2	-39	-81	-123	-165	-208	-251
				C.C. U2	94	52	9	-35	-79	-123	-168	-213	-259
				C.C. U3	97	54	11	-33	-77	-122	-168	-213	-259
				C.C. U4	92	51	8	-35	-78	-123	-167	-212	-256
				C.C. U5	81	43	3	-38	-78	-120	-162	-204	-246
				C.C. U6	94	52	10	-33	-76	-120	-165	-209	-254
				C.C. U7	97	55	13	-30	-73	-117	-162	-206	-251
				C.C. U8	92	51	9	-33	-76	-120	-163	-207	-252
				C.C. U9	87	47	5	-36	-79	-122	-165	-208	-252
				C.C. U10	100	57	13	-32	-77	-122	-168	-214	-260
				C.C. U11	106	62	17	-28	-74	-120	-167	-214	-261
				C.C. U12	98	55	12	-32	-76	-121	-166	-212	-258
				C.C. U13	73	35	-3	-43	-82	-123	-163	-204	-245
				C.C. U14	85	45	4	-38	-80	-123	-166	-210	-253
				C.C. U15	83	43	3	-38	-80	-122	-164	-207	-250
				C.C. U16	84	44	3	-38	-80	-122	-165	-208	-251
				C.C. U17	86	46	6	-35	-76	-118	-160	-203	-246
				C.C. U18	101	59	16	-27	-71	-115	-160	-205	-250
				C.C. U19	101	59	16	-28	-73	-117	-163	-208	-254
				C.C. U20	97	55	13	-30	-74	-118	-162	-207	-251
				C.C. U21	86	47	7	-33	-74	-115	-157	-199	-241
				C.C. U22	101	60	18	-25	-69	-112	-156	-201	-245
				C.C. U23	101	60	18	-25	-69	-113	-157	-201	-246
				C.C. U24	97	56	14	-28	-71	-115	-158	-202	-247
				C.C. U25	91	51	10	-32	-74	-117	-160	-203	-247
				C.C. U26	107	64	20	-24	-69	-114	-160	-205	-251
				C.C. U27	111	67	22	-23	-69	-115	-162	-209	-256
				C.C. U28	102	60	17	-27	-72	-116	-161	-207	-252



				C.C. U29	77	39	1	-38	-78	-118	-158	-199	-240
				C.C. U30	93	52	11	-30	-72	-115	-158	-201	-245
				C.C. U31	87	47	7	-34	-75	-117	-159	-202	-244
				C.C. U32	88	48	8	-34	-75	-117	-160	-203	-246
				C.C. U33	79	40	1	-40	-81	-122	-164	-206	-248
				C.C. U34	92	50	8	-35	-79	-122	-167	-211	-256
				C.C. U35	90	49	7	-35	-78	-122	-165	-209	-254
				C.C. U36	84	45	5	-35	-76	-117	-159	-201	-243
				C.C. U37	99	58	15	-27	-71	-114	-159	-203	-247
				C.C. U38	94	53	12	-31	-74	-117	-160	-204	-248
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	230	188	145	103	61	19	-22	-62	-102
				C.C.2	225	183	140	98	56	15	-26	-67	-106
				C.C.3	257	206	155	104	54	4	-46	-95	-144
				C.C.4	248	197	147	96	46	-4	-53	-102	-151
				C.C. U1	230	187	144	102	60	18	-24	-64	-104
				C.C. U2	239	194	149	103	59	14	-30	-73	-116
				C.C. U3	238	192	147	101	56	11	-34	-77	-121
				C.C. U4	237	192	147	102	58	14	-29	-72	-114
				C.C. U5	233	190	148	106	65	23	-17	-57	-97
				C.C. U6	242	197	152	108	64	20	-23	-66	-108
				C.C. U7	242	197	153	108	64	20	-23	-66	-108
				C.C. U8	239	195	151	107	63	20	-23	-65	-106
				C.C. U9	234	190	146	103	60	18	-24	-66	-106
				C.C. U10	243	197	151	105	59	14	-30	-74	-118
				C.C. U11	244	197	150	103	57	11	-35	-80	-124
				C.C. U12	240	194	149	104	59	14	-30	-73	-116
				C.C. U13	226	185	144	103	63	23	-16	-55	-93
				C.C. U14	235	192	148	105	62	20	-22	-64	-104
				C.C. U15	231	189	146	104	61	20	-21	-62	-102
				C.C. U16	233	190	147	104	61	19	-22	-63	-103
				C.C. U17	225	182	140	97	55	13	-28	-69	-108
				C.C. U18	231	186	140	96	51	7	-37	-80	-123
				C.C. U19	233	187	142	96	51	6	-38	-82	-125
				C.C. U20	232	187	142	98	53	10	-34	-76	-118
				C.C. U21	228	185	143	101	60	19	-22	-62	-101
				C.C. U22	233	189	144	100	56	12	-31	-73	-115
				C.C. U23	237	192	148	103	59	16	-27	-70	-112
				C.C. U24	234	190	146	102	58	15	-27	-69	-111
				C.C. U25	229	185	142	98	56	13	-29	-70	-111
				C.C. U26	234	188	142	97	51	7	-38	-82	-125
				C.C. U27	239	192	145	98	52	6	-39	-84	-128
				C.C. U28	235	190	144	99	54	10	-34	-78	-121
				C.C. U29	221	180	139	99	58	19	-21	-59	-97
				C.C. U30	227	183	140	97	54	12	-30	-71	-112
				C.C. U31	226	184	141	99	57	15	-26	-66	-106
				C.C. U32	228	185	142	99	57	15	-26	-67	-107
				C.C. U33	229	187	145	103	62	21	-20	-60	-99
				C.C. U34	238	194	149	105	61	17	-26	-69	-110
				C.C. U35	236	192	148	104	60	17	-26	-68	-109
				C.C. U36	224	182	140	98	57	16	-24	-64	-103
				C.C. U37	230	185	141	97	53	10	-33	-76	-118
				C.C. U38	231	187	143	99	55	12	-30	-72	-113
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	478	447	416	386	356	327	299	271	243
				C.C.2	476	444	414	383	354	325	296	268	241
				C.C.3	456	417	379	341	304	267	231	195	160
				C.C.4	452	413	375	337	300	263	227	191	156
				C.C. U1	472	441	410	379	349	320	291	263	236
				C.C. U2	466	432	399	366	334	303	272	241	211
				C.C. U3	461	427	393	360	327	295	263	232	202
				C.C. U4	466	433	400	368	336	305	274	244	215
				C.C. U5	493	462	431	401	372	343	315	288	261
				C.C. U6	487	454	421	389	357	326	296	266	236
				C.C. U7	495	462	429	397	365	334	304	274	244
				C.C. U8	487	454	422	390	359	328	298	269	240
				C.C. U9	477	445	413	382	352	322	293	264	236
				C.C. U10	471	437	403	370	337	305	273	242	212
				C.C. U11	469	434	399	365	332	299	266	235	203
				C.C. U12	471	437	404	371	339	307	276	246	216
				C.C. U13	481	451	422	393	365	337	310	284	258
				C.C. U14	475	443	411	380	350	320	290	262	234

				C.C. U15	475	444	413	382	353	324	295	267	240
				C.C. U16	475	443	412	381	351	322	293	265	238
				C.C. U17	470	438	407	377	347	318	289	261	233
				C.C. U18	462	428	395	362	330	299	268	237	207
				C.C. U19	458	424	390	357	325	293	261	230	200
				C.C. U20	464	430	397	365	334	302	272	242	213
				C.C. U21	490	459	429	399	370	341	313	285	259
				C.C. U22	483	449	417	385	353	322	292	262	232
				C.C. U23	493	459	427	395	363	332	301	271	242
				C.C. U24	484	451	419	388	357	326	296	267	238
				C.C. U25	475	443	411	380	350	320	291	262	234
				C.C. U26	467	433	399	366	333	301	269	238	208
				C.C. U27	467	432	397	363	329	296	264	232	201
				C.C. U28	469	435	401	369	336	305	274	243	213
				C.C. U29	478	448	419	390	362	335	308	282	256
				C.C. U30	471	439	407	376	346	316	286	258	230
				C.C. U31	473	441	410	380	350	321	293	265	237
				C.C. U32	472	441	409	379	349	320	291	263	235
				C.C. U33	479	448	418	388	359	330	302	275	248
				C.C. U34	473	440	407	375	344	313	282	253	224
				C.C. U35	473	440	408	376	345	315	285	256	227
				C.C. U36	476	446	415	385	356	328	300	273	246
				C.C. U37	469	436	403	371	340	309	279	249	220
				C.C. U38	470	438	406	374	343	313	283	254	225
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-150	-174	-197	-220	-244	-267	-291	-314	-337
				C.C.2	-150	-173	-197	-220	-244	-267	-290	-314	-337
				C.C.3	-66	-98	-130	-162	-194	-226	-259	-291	-324
				C.C.4	-66	-97	-129	-161	-194	-226	-259	-291	-324
				C.C. U1	-155	-178	-202	-225	-248	-271	-294	-317	-340
				C.C. U2	-130	-156	-181	-207	-233	-259	-285	-310	-336
				C.C. U3	-133	-159	-185	-211	-237	-263	-289	-315	-341
				C.C. U4	-130	-155	-180	-206	-231	-256	-281	-307	-332
				C.C. U5	-154	-177	-199	-222	-244	-267	-289	-312	-334
				C.C. U6	-129	-154	-179	-204	-229	-254	-280	-305	-330
				C.C. U7	-131	-156	-181	-206	-231	-256	-281	-306	-331
				C.C. U8	-129	-153	-178	-202	-227	-252	-277	-301	-326
				C.C. U9	-173	-196	-220	-244	-268	-291	-315	-339	-362
				C.C. U10	-148	-174	-200	-226	-253	-279	-305	-332	-358
				C.C. U11	-162	-189	-216	-243	-270	-297	-324	-351	-377
				C.C. U12	-148	-173	-199	-225	-251	-276	-302	-328	-354
				C.C. U13	-115	-137	-159	-181	-203	-225	-248	-270	-292
				C.C. U14	-90	-114	-139	-163	-188	-213	-238	-263	-288
				C.C. U15	-66	-90	-114	-138	-162	-187	-212	-236	-261
				C.C. U16	-90	-114	-138	-162	-186	-210	-235	-259	-284
				C.C. U17	-155	-178	-201	-225	-248	-271	-294	-317	-340
				C.C. U18	-130	-155	-181	-207	-233	-259	-285	-310	-336
				C.C. U19	-133	-159	-185	-211	-237	-263	-289	-315	-341
				C.C. U20	-130	-155	-180	-205	-231	-256	-281	-307	-332
				C.C. U21	-154	-176	-199	-221	-244	-267	-289	-312	-334
				C.C. U22	-129	-154	-179	-204	-229	-254	-280	-305	-330
				C.C. U23	-131	-156	-181	-206	-231	-256	-281	-306	-331
				C.C. U24	-129	-153	-178	-202	-227	-252	-276	-301	-326
				C.C. U25	-172	-196	-220	-244	-268	-291	-315	-339	-362
				C.C. U26	-147	-173	-200	-226	-253	-279	-305	-332	-358
				C.C. U27	-162	-189	-216	-243	-270	-297	-324	-351	-377
				C.C. U28	-147	-173	-199	-225	-251	-276	-302	-328	-354
				C.C. U29	-115	-137	-159	-181	-203	-225	-248	-270	-292
				C.C. U30	-89	-114	-138	-163	-188	-213	-238	-263	-288
				C.C. U31	-66	-90	-114	-138	-162	-187	-212	-236	-261
				C.C. U32	-90	-113	-137	-162	-186	-210	-235	-259	-284
				C.C. U33	-151	-173	-196	-219	-242	-264	-287	-310	-333
				C.C. U34	-125	-151	-176	-201	-227	-252	-278	-303	-329
				C.C. U35	-125	-150	-175	-200	-225	-250	-275	-300	-325
				C.C. U36	-150	-173	-196	-219	-241	-264	-287	-310	-333
				C.C. U37	-125	-150	-176	-201	-226	-252	-278	-303	-329
				C.C. U38	-125	-150	-175	-200	-224	-249	-275	-300	-325
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	9	-14	-37	-60	-83	-106	-128	-150	-171
				C.C.2	13	-10	-33	-56	-79	-101	-123	-145	-167
				C.C.3	90	57	24	-9	-41	-74	-106	-139	-171
				C.C.4	97	64	31	-1	-34	-67	-99	-131	-164

				C.C. U1	7	-16	-39	-61	-83	-105	-127	-148	-169
				C.C. U2	30	4	-21	-47	-72	-97	-122	-146	-170
				C.C. U3	27	1	-25	-50	-76	-101	-126	-150	-174
				C.C. U4	37	12	-13	-38	-63	-87	-112	-135	-159
				C.C. U5	13	-9	-32	-54	-76	-97	-118	-139	-160
				C.C. U6	36	11	-14	-39	-64	-89	-113	-137	-161
				C.C. U7	37	12	-13	-38	-63	-87	-111	-135	-159
				C.C. U8	43	18	-6	-31	-55	-79	-103	-126	-150
				C.C. U9	-14	-37	-60	-83	-105	-128	-149	-171	-192
				C.C. U10	10	-17	-42	-68	-94	-119	-144	-168	-193
				C.C. U11	-8	-34	-60	-86	-112	-138	-163	-187	-212
				C.C. U12	16	-9	-35	-60	-85	-109	-134	-158	-181
				C.C. U13	38	15	-7	-29	-51	-72	-94	-115	-136
				C.C. U14	61	36	11	-14	-39	-64	-88	-113	-137
				C.C. U15	78	53	28	3	-21	-46	-70	-94	-118
				C.C. U16	67	43	18	-6	-30	-54	-78	-102	-125
				C.C. U17	11	-12	-34	-57	-79	-101	-123	-144	-165
				C.C. U18	37	12	-14	-39	-65	-90	-114	-139	-163
				C.C. U19	31	5	-21	-46	-71	-97	-121	-146	-170
				C.C. U20	41	16	-9	-34	-59	-83	-107	-131	-154
				C.C. U21	17	-5	-27	-49	-71	-93	-114	-135	-156
				C.C. U22	43	18	-7	-32	-57	-81	-106	-130	-154
				C.C. U23	41	16	-9	-34	-58	-83	-107	-131	-154
				C.C. U24	47	22	-2	-27	-51	-75	-99	-122	-145
				C.C. U25	-9	-33	-56	-78	-101	-123	-145	-166	-187
				C.C. U26	17	-9	-35	-61	-87	-112	-137	-161	-185
				C.C. U27	-3	-30	-56	-82	-108	-133	-158	-183	-207
				C.C. U28	21	-5	-30	-56	-80	-105	-129	-153	-177
				C.C. U29	42	20	-2	-25	-46	-68	-90	-111	-131
				C.C. U30	68	43	18	-7	-32	-57	-81	-105	-129
				C.C. U31	82	57	33	8	-17	-41	-66	-90	-114
				C.C. U32	72	47	23	-2	-26	-50	-74	-98	-121
				C.C. U33	14	-8	-31	-53	-76	-97	-119	-140	-161
				C.C. U34	37	12	-14	-39	-64	-89	-114	-138	-162
				C.C. U35	44	19	-6	-31	-55	-79	-104	-127	-151
				C.C. U36	19	-4	-27	-49	-71	-93	-115	-136	-157
				C.C. U37	45	19	-6	-32	-57	-82	-106	-131	-155
				C.C. U38	48	23	-2	-26	-51	-75	-99	-123	-146
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-219	-243	-266	-289	-313	-337	-360	-384	-407
				C.C.2	-218	-241	-265	-288	-312	-335	-359	-383	-406
				C.C.3	-124	-156	-188	-220	-252	-285	-317	-350	-383
				C.C.4	-122	-154	-186	-218	-250	-283	-316	-348	-381
				C.C. U1	-244	-268	-291	-315	-338	-361	-385	-408	-432
				C.C. U2	-216	-242	-268	-294	-320	-346	-372	-398	-425
				C.C. U3	-231	-258	-284	-310	-337	-363	-390	-416	-442
				C.C. U4	-217	-243	-268	-294	-319	-345	-370	-396	-421
				C.C. U5	-218	-241	-264	-287	-311	-334	-357	-380	-403
				C.C. U6	-190	-215	-241	-267	-293	-319	-344	-370	-396
				C.C. U7	-188	-213	-239	-265	-291	-317	-343	-369	-396
				C.C. U8	-191	-216	-241	-266	-292	-317	-342	-368	-393
				C.C. U9	-240	-264	-288	-311	-335	-359	-383	-407	-430
				C.C. U10	-212	-238	-264	-291	-317	-344	-370	-397	-423
				C.C. U11	-224	-251	-278	-305	-332	-359	-386	-413	-440
				C.C. U12	-213	-239	-265	-291	-316	-342	-368	-394	-420
				C.C. U13	-189	-211	-233	-256	-278	-300	-323	-345	-368
				C.C. U14	-161	-186	-210	-235	-260	-285	-310	-336	-361
				C.C. U15	-140	-164	-188	-212	-237	-261	-286	-311	-336
				C.C. U16	-163	-186	-210	-235	-259	-284	-308	-333	-358
				C.C. U17	-243	-266	-290	-313	-337	-360	-384	-407	-430
				C.C. U18	-214	-240	-266	-292	-318	-344	-371	-397	-423
				C.C. U19	-230	-256	-283	-309	-336	-362	-389	-415	-441
				C.C. U20	-216	-241	-267	-292	-318	-344	-369	-395	-420
				C.C. U21	-217	-240	-263	-286	-309	-333	-356	-379	-402
				C.C. U22	-188	-213	-239	-265	-291	-317	-343	-369	-395
				C.C. U23	-186	-212	-238	-264	-290	-316	-342	-368	-394
				C.C. U24	-190	-215	-240	-265	-291	-316	-341	-367	-392
				C.C. U25	-239	-263	-286	-310	-334	-358	-382	-405	-429
				C.C. U26	-210	-236	-263	-289	-316	-342	-369	-395	-421
				C.C. U27	-223	-250	-277	-304	-331	-358	-385	-412	-439
				C.C. U28	-212	-238	-263	-289	-315	-341	-367	-393	-419
				C.C. U29	-188	-210	-232	-255	-277	-299	-322	-344	-367

				C.C. U30	-159	-184	-208	-233	-258	-283	-308	-334	-359
				C.C. U31	-139	-163	-187	-211	-236	-260	-285	-310	-335
				C.C. U32	-161	-185	-209	-234	-258	-283	-307	-332	-357
				C.C. U33	-221	-244	-266	-289	-312	-335	-358	-381	-404
				C.C. U34	-193	-218	-243	-269	-294	-320	-346	-372	-397
				C.C. U35	-194	-219	-244	-268	-293	-319	-344	-369	-394
				C.C. U36	-220	-242	-265	-288	-311	-334	-357	-380	-403
				C.C. U37	-191	-216	-241	-267	-293	-318	-344	-370	-396
				C.C. U38	-193	-217	-242	-267	-292	-318	-343	-368	-393
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	26	3	-20	-43	-66	-89	-111	-133	-154
				C.C.2	32	8	-15	-38	-61	-83	-106	-128	-149
				C.C.3	103	70	37	4	-29	-61	-94	-126	-158
				C.C.4	111	79	46	13	-20	-52	-85	-117	-149
				C.C. U1	4	-20	-43	-65	-88	-110	-132	-153	-174
				C.C. U2	25	-1	-27	-52	-78	-103	-128	-152	-177
				C.C. U3	9	-18	-44	-69	-95	-120	-145	-170	-194
				C.C. U4	32	6	-19	-44	-69	-94	-118	-142	-165
				C.C. U5	31	8	-15	-37	-60	-82	-104	-125	-147
				C.C. U6	53	27	1	-24	-50	-75	-100	-125	-149
				C.C. U7	55	29	3	-23	-48	-74	-99	-124	-148
				C.C. U8	60	34	9	-16	-41	-66	-90	-114	-138
				C.C. U9	2	-21	-44	-67	-90	-112	-134	-155	-176
				C.C. U10	24	-2	-28	-54	-80	-105	-130	-155	-179
				C.C. U11	7	-20	-46	-72	-98	-124	-149	-174	-198
				C.C. U12	31	5	-21	-46	-71	-96	-120	-144	-168
				C.C. U13	55	32	10	-12	-34	-56	-78	-99	-120
				C.C. U14	76	51	26	1	-24	-49	-74	-98	-122
				C.C. U15	94	69	44	19	-6	-31	-55	-79	-103
				C.C. U16	83	58	33	9	-15	-40	-64	-87	-111
				C.C. U17	9	-14	-37	-60	-82	-105	-126	-148	-169
				C.C. U18	34	8	-18	-43	-69	-94	-119	-144	-168
				C.C. U19	14	-12	-38	-64	-90	-115	-140	-165	-189
				C.C. U20	37	12	-14	-39	-64	-88	-113	-137	-160
				C.C. U21	37	14	-9	-32	-54	-77	-99	-120	-141
				C.C. U22	62	36	10	-15	-41	-66	-91	-116	-140
				C.C. U23	61	34	8	-17	-43	-68	-94	-118	-143
				C.C. U24	65	40	14	-11	-36	-60	-85	-109	-133
				C.C. U25	8	-16	-39	-62	-84	-107	-129	-150	-171
				C.C. U26	33	7	-19	-45	-71	-96	-121	-146	-170
				C.C. U27	12	-14	-41	-67	-93	-118	-143	-168	-192
				C.C. U28	36	10	-15	-41	-66	-90	-115	-139	-162
				C.C. U29	60	38	15	-7	-29	-51	-72	-93	-114
				C.C. U30	85	60	35	10	-15	-40	-65	-89	-113
				C.C. U31	99	74	49	24	-1	-25	-50	-74	-98
				C.C. U32	88	63	39	14	-10	-34	-58	-82	-105
				C.C. U33	31	8	-14	-37	-59	-81	-103	-124	-145
				C.C. U34	53	27	1	-24	-49	-74	-99	-123	-147
				C.C. U35	59	34	9	-16	-40	-65	-89	-113	-136
				C.C. U36	36	14	-9	-32	-54	-76	-98	-119	-140
				C.C. U37	62	36	10	-15	-40	-65	-90	-114	-139
				C.C. U38	64	39	14	-10	-35	-60	-84	-107	-131
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	249	230	212	194	177	160	144	128	112
				C.C.2	237	218	200	182	164	147	131	115	99
				C.C.3	251	220	189	158	128	98	68	38	8
				C.C.4	230	199	168	137	107	77	46	16	-13
				C.C. U1	247	229	211	194	178	162	146	131	117
				C.C. U2	250	228	207	186	166	146	127	107	89
				C.C. U3	246	224	203	183	162	143	123	104	86
				C.C. U4	243	222	202	182	162	143	124	105	87
				C.C. U5	249	231	214	197	181	165	149	134	120
				C.C. U6	252	231	210	189	169	149	129	110	91
				C.C. U7	249	228	207	187	167	147	128	109	90
				C.C. U8	245	225	204	184	165	145	127	108	90
				C.C. U9	232	215	197	181	165	149	134	120	105
				C.C. U10	236	214	193	173	153	133	114	96	77
				C.C. U11	222	201	180	160	140	121	103	85	67
				C.C. U12	229	208	188	168	149	130	111	93	76
				C.C. U13	249	231	213	196	179	162	145	129	113
				C.C. U14	253	231	209	188	167	146	126	105	85
				C.C. U15	251	229	207	185	164	142	122	101	80

				C.C. U16	246	225	204	183	163	143	123	103	84
				C.C. U17	234	216	199	182	165	149	134	119	104
				C.C. U18	229	208	186	165	145	125	105	86	67
				C.C. U19	234	212	191	170	150	130	111	92	73
				C.C. U20	231	210	189	169	149	130	111	93	74
				C.C. U21	236	218	201	184	168	152	137	121	107
				C.C. U22	231	210	189	168	148	128	108	89	70
				C.C. U23	237	215	195	174	154	135	115	96	77
				C.C. U24	233	212	192	172	152	133	114	95	77
				C.C. U25	220	202	185	168	152	136	121	107	93
				C.C. U26	215	193	172	152	132	112	93	74	56
				C.C. U27	210	188	168	147	128	109	90	72	54
				C.C. U28	217	196	175	155	136	117	99	81	63
				C.C. U29	237	219	201	183	166	149	133	116	101
				C.C. U30	232	210	188	167	146	125	104	84	64
				C.C. U31	238	216	194	172	151	130	109	88	67
				C.C. U32	234	212	191	170	150	130	110	90	71
				C.C. U33	247	228	211	194	177	161	145	130	115
				C.C. U34	250	228	207	186	165	145	125	106	86
				C.C. U35	243	222	201	181	161	142	122	104	85
				C.C. U36	234	216	198	181	164	148	132	117	102
				C.C. U37	229	207	186	165	144	124	104	84	65
				C.C. U38	231	210	189	168	149	129	110	91	72
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	336	317	298	281	263	247	230	214	199
				C.C.2	322	303	284	267	249	233	216	200	184
				C.C.3	321	290	259	228	198	168	138	108	79
				C.C.4	298	267	236	205	175	144	114	85	55
				C.C. U1	323	305	288	271	255	239	224	209	195
				C.C. U2	322	300	279	258	238	219	199	180	162
				C.C. U3	310	289	268	247	227	208	189	170	152
				C.C. U4	316	295	274	254	235	216	197	179	161
				C.C. U5	331	312	294	277	260	244	228	212	197
				C.C. U6	330	308	286	265	244	223	203	183	164
				C.C. U7	323	301	279	257	236	215	195	175	156
				C.C. U8	323	302	281	260	240	220	201	182	163
				C.C. U9	327	309	292	275	259	243	229	214	200
				C.C. U10	326	304	283	263	243	223	204	186	168
				C.C. U11	316	295	274	254	234	215	197	179	161
				C.C. U12	319	298	278	258	239	220	202	184	167
				C.C. U13	332	314	296	278	261	245	228	212	197
				C.C. U14	331	309	287	266	245	224	204	184	164
				C.C. U15	326	303	281	260	238	217	197	176	156
				C.C. U16	325	304	282	262	241	221	202	182	163
				C.C. U17	309	291	274	257	241	225	210	195	180
				C.C. U18	299	277	256	235	215	195	176	157	138
				C.C. U19	296	275	254	233	213	194	175	156	138
				C.C. U20	302	281	260	240	221	202	183	165	147
				C.C. U21	317	298	280	263	246	230	213	198	182
				C.C. U22	307	284	263	241	220	200	180	160	140
				C.C. U23	309	287	265	243	222	201	181	161	141
				C.C. U24	309	288	267	246	226	206	187	168	149
				C.C. U25	313	295	278	261	245	229	214	200	186
				C.C. U26	302	281	260	239	219	200	181	162	144
				C.C. U27	302	281	260	240	220	201	183	165	147
				C.C. U28	305	284	264	244	225	206	188	170	152
				C.C. U29	318	300	282	265	247	231	214	198	183
				C.C. U30	308	286	264	243	222	201	181	160	140
				C.C. U31	312	289	267	246	224	203	183	162	141
				C.C. U32	311	290	269	248	227	207	188	168	149
				C.C. U33	334	316	298	281	264	248	233	217	202
				C.C. U34	333	311	290	269	248	228	208	189	170
				C.C. U35	327	305	285	264	244	225	206	187	169
				C.C. U36	320	302	284	267	250	234	218	203	188
				C.C. U37	310	288	266	245	225	205	185	165	146
				C.C. U38	313	291	271	250	230	211	192	173	154
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	-195	-221	-248	-276	-304	-334	-364	-395	-427
				C.C.2	-189	-215	-242	-270	-298	-328	-358	-389	-421
				C.C.3	-51	-95	-139	-184	-230	-276	-323	-371	-419
				C.C.4	-41	-85	-129	-174	-220	-266	-313	-360	-408
				C.C. U1	-203	-227	-253	-279	-307	-335	-364	-394	-425

				C.C. U2	-161	-191	-222	-253	-286	-319	-353	-388	-424
				C.C. U3	-160	-190	-220	-251	-283	-316	-350	-384	-420
				C.C. U4	-165	-194	-224	-255	-286	-319	-352	-386	-421
				C.C. U5	-193	-218	-244	-271	-299	-327	-357	-387	-418
				C.C. U6	-151	-182	-213	-245	-278	-311	-346	-381	-417
				C.C. U7	-144	-174	-205	-237	-270	-304	-338	-373	-409
				C.C. U8	-155	-185	-215	-246	-278	-311	-345	-380	-415
				C.C. U9	-223	-247	-271	-297	-323	-351	-379	-408	-438
				C.C. U10	-181	-210	-240	-271	-302	-335	-368	-402	-437
				C.C. U11	-194	-222	-251	-281	-311	-343	-375	-408	-442
				C.C. U12	-185	-213	-242	-272	-303	-335	-367	-400	-435
				C.C. U13	-185	-212	-239	-267	-296	-326	-356	-388	-420
				C.C. U14	-143	-175	-208	-241	-275	-310	-345	-382	-419
				C.C. U15	-131	-163	-197	-231	-265	-301	-337	-374	-412
				C.C. U16	-147	-178	-210	-242	-275	-310	-345	-380	-417
				C.C. U17	-197	-221	-247	-273	-300	-329	-357	-387	-418
				C.C. U18	-151	-181	-212	-243	-275	-309	-342	-377	-413
				C.C. U19	-154	-184	-214	-245	-277	-310	-344	-378	-413
				C.C. U20	-158	-188	-218	-248	-280	-313	-346	-380	-415
				C.C. U21	-187	-212	-238	-265	-292	-321	-350	-381	-412
				C.C. U22	-141	-172	-203	-235	-267	-301	-335	-371	-406
				C.C. U23	-138	-168	-199	-231	-264	-297	-332	-367	-403
				C.C. U24	-149	-179	-209	-240	-272	-305	-339	-373	-409
				C.C. U25	-217	-241	-265	-291	-317	-344	-372	-401	-431
				C.C. U26	-171	-200	-230	-261	-292	-324	-357	-391	-426
				C.C. U27	-188	-216	-245	-275	-305	-336	-369	-402	-435
				C.C. U28	-179	-207	-236	-266	-297	-328	-361	-394	-428
				C.C. U29	-179	-206	-233	-261	-290	-319	-350	-381	-414
				C.C. U30	-133	-165	-198	-231	-265	-299	-335	-371	-408
				C.C. U31	-125	-157	-191	-225	-259	-295	-331	-368	-406
				C.C. U32	-141	-172	-204	-236	-269	-303	-338	-374	-410
				C.C. U33	-201	-226	-252	-279	-307	-336	-365	-396	-427
				C.C. U34	-159	-190	-221	-253	-286	-320	-355	-390	-426
				C.C. U35	-163	-192	-223	-254	-287	-320	-354	-388	-424
				C.C. U36	-195	-220	-246	-273	-301	-329	-359	-389	-421
				C.C. U37	-149	-180	-211	-243	-276	-310	-344	-379	-415
				C.C. U38	-157	-186	-217	-248	-280	-313	-347	-382	-417
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	151	114	77	39	1	-37	-75	-113	-149
				C.C.2	151	114	77	39	1	-37	-75	-112	-148
				C.C.3	223	168	113	57	1	-55	-111	-166	-221
				C.C.4	223	168	113	57	1	-54	-110	-165	-220
				C.C. U1	148	112	76	40	3	-34	-70	-106	-141
				C.C. U2	170	129	87	45	3	-39	-81	-122	-163
				C.C. U3	169	129	88	46	4	-37	-78	-119	-159
				C.C. U4	167	126	86	44	3	-38	-79	-120	-160
				C.C. U5	149	113	76	39	1	-36	-73	-110	-146
				C.C. U6	171	129	87	44	1	-41	-84	-126	-168
				C.C. U7	171	130	87	45	2	-41	-84	-126	-168
				C.C. U8	168	127	86	44	2	-41	-83	-124	-165
				C.C. U9	142	107	72	36	0	-36	-71	-106	-141
				C.C. U10	164	124	83	42	0	-41	-82	-123	-163
				C.C. U11	159	120	81	40	0	-40	-80	-120	-159
				C.C. U12	161	121	81	41	0	-40	-80	-120	-159
				C.C. U13	153	116	78	40	1	-37	-76	-114	-151
				C.C. U14	175	132	89	45	1	-43	-87	-130	-172
				C.C. U15	178	135	91	46	1	-43	-88	-132	-175
				C.C. U16	172	130	87	44	1	-42	-85	-127	-169
				C.C. U17	147	112	76	40	3	-34	-70	-106	-141
				C.C. U18	169	128	87	45	3	-39	-80	-121	-162
				C.C. U19	169	128	87	46	5	-37	-78	-119	-159
				C.C. U20	166	126	85	44	3	-38	-79	-119	-159
				C.C. U21	149	113	76	39	2	-36	-73	-110	-146
				C.C. U22	170	129	87	44	2	-41	-83	-125	-167
				C.C. U23	171	129	87	45	2	-41	-83	-125	-167
				C.C. U24	167	127	85	44	2	-40	-82	-123	-164
				C.C. U25	141	107	72	36	0	-35	-71	-106	-140
				C.C. U26	163	123	83	42	1	-40	-81	-122	-161
				C.C. U27	159	120	80	40	0	-40	-80	-119	-158
				C.C. U28	160	121	81	41	1	-40	-80	-120	-159
				C.C. U29	153	116	78	40	1	-37	-75	-113	-150
				C.C. U30	174	132	89	45	1	-42	-86	-129	-171

				C.C. U31	178	134	90	46	2	-43	-87	-131	-174
				C.C. U32	172	130	87	44	1	-42	-84	-127	-168
				C.C. U33	148	112	75	38	1	-37	-74	-110	-146
				C.C. U34	170	129	86	44	1	-42	-85	-127	-168
				C.C. U35	167	126	85	43	1	-41	-83	-124	-165
				C.C. U36	148	112	75	38	1	-36	-73	-110	-146
				C.C. U37	169	128	86	44	1	-41	-84	-126	-167
				C.C. U38	167	126	85	43	1	-41	-82	-124	-164
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	434	402	372	341	312	284	257	230	204
				C.C.2	428	396	366	336	307	278	251	225	199
				C.C.3	423	375	328	281	235	190	145	101	58
				C.C.4	413	365	318	272	226	180	136	92	48
				C.C. U1	446	415	386	357	329	303	277	252	228
				C.C. U2	444	408	374	340	308	276	245	215	185
				C.C. U3	449	415	381	348	315	284	254	224	195
				C.C. U4	442	407	373	340	308	277	247	217	189
				C.C. U5	441	410	380	350	322	294	267	241	216
				C.C. U6	440	403	368	333	300	267	235	204	173
				C.C. U7	442	406	371	336	302	269	237	206	175
				C.C. U8	437	402	367	333	300	268	237	206	177
				C.C. U9	445	415	387	359	332	305	280	256	233
				C.C. U10	443	409	375	342	310	279	248	219	190
				C.C. U11	449	415	382	350	319	289	259	231	203
				C.C. U12	441	407	374	342	310	280	250	222	194
				C.C. U13	427	395	363	333	303	275	247	220	194
				C.C. U14	425	388	352	316	282	248	215	183	151
				C.C. U15	418	380	343	307	272	238	204	171	139
				C.C. U16	423	386	351	316	282	249	217	186	155
				C.C. U17	439	409	380	351	324	297	271	246	222
				C.C. U18	433	398	364	331	298	266	235	205	176
				C.C. U19	443	409	375	342	310	278	248	218	189
				C.C. U20	435	401	367	334	303	271	241	212	183
				C.C. U21	435	404	374	344	316	288	261	235	210
				C.C. U22	429	393	358	324	290	257	225	194	164
				C.C. U23	436	400	365	330	297	264	231	200	169
				C.C. U24	431	396	361	328	295	263	231	201	171
				C.C. U25	439	409	381	353	326	300	275	250	227
				C.C. U26	433	399	365	332	300	269	239	209	181
				C.C. U27	443	409	376	344	313	283	254	225	197
				C.C. U28	435	401	368	336	305	274	245	216	188
				C.C. U29	421	389	357	327	298	269	242	215	189
				C.C. U30	415	378	342	307	272	238	206	174	142
				C.C. U31	412	374	338	302	266	232	198	166	133
				C.C. U32	417	380	345	310	277	244	212	180	150
				C.C. U33	434	403	373	343	315	287	261	235	210
				C.C. U34	432	396	361	327	293	260	229	198	167
				C.C. U35	430	395	360	327	294	262	231	201	171
				C.C. U36	428	397	367	338	309	282	255	229	205
				C.C. U37	422	386	351	317	284	251	219	188	158
				C.C. U38	424	389	354	321	288	256	225	195	166
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	1150	862	575	287	0	-288	-576	-863	-1151
				C.C.2	1150	862	575	287	0	-288	-576	-863	-1151
				C.C.3	870	652	435	217	0	-218	-435	-653	-870
				C.C.4	870	652	435	217	0	-218	-435	-653	-870
				C.C. U1	1170	877	583	290	-3	-296	-590	-883	-1176
				C.C. U2	1086	814	541	269	-3	-275	-548	-820	-1092
				C.C. U3	1084	812	540	267	-5	-277	-549	-822	-1094
				C.C. U4	1109	831	553	275	-3	-281	-559	-837	-1115
				C.C. U5	1176	883	589	296	3	-290	-584	-877	-1170
				C.C. U6	1092	820	547	275	3	-269	-542	-814	-1086
				C.C. U7	1094	822	550	277	5	-267	-539	-812	-1084
				C.C. U8	1115	837	559	281	3	-275	-553	-831	-1109
				C.C. U9	1173	879	586	293	0	-294	-587	-880	-1173
				C.C. U10	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U11	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U12	1111	833	555	278	0	-278	-556	-834	-1112
				C.C. U13	1173	879	586	293	0	-294	-587	-880	-1173
				C.C. U14	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U15	1089	816	544	272	0	-273	-545	-817	-1089

				C.C. U16	1111	833	555	278	0	-278	-556	-834	-1112
				C.C. U17	1170	877	583	290	-3	-296	-590	-883	-1176
				C.C. U18	1086	814	541	269	-3	-275	-548	-820	-1092
				C.C. U19	1084	812	540	267	-5	-277	-549	-822	-1094
				C.C. U20	1109	831	553	275	-3	-281	-559	-837	-1115
				C.C. U21	1176	883	589	296	3	-290	-584	-877	-1170
				C.C. U22	1092	820	547	275	3	-269	-542	-814	-1086
				C.C. U23	1094	822	550	277	5	-267	-539	-812	-1084
				C.C. U24	1115	837	559	281	3	-275	-553	-831	-1109
				C.C. U25	1173	879	586	293	0	-294	-587	-880	-1173
				C.C. U26	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U27	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U28	1111	833	555	278	0	-278	-556	-834	-1112
				C.C. U29	1173	879	586	293	0	-294	-587	-880	-1173
				C.C. U30	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U31	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U32	1111	833	555	278	0	-278	-556	-834	-1112
				C.C. U33	1173	879	586	293	0	-294	-587	-880	-1173
				C.C. U34	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U35	1111	833	555	278	0	-278	-556	-834	-1112
				C.C. U36	1173	879	586	293	0	-294	-587	-880	-1173
				C.C. U37	1089	816	544	272	0	-273	-545	-817	-1089
				C.C. U38	1111	833	555	278	0	-278	-556	-834	-1112
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.0 0</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	949	600	251	-99	-448	-797	-1147	-1496	-1845
				C.C.2	943	593	244	-105	-455	-804	-1153	-1503	-1852
				C.C.3	721	459	196	-66	-328	-591	-853	-1115	-1378
				C.C.4	710	448	185	-77	-340	-602	-864	-1127	-1389
				C.C. U1	961	606	252	-102	-456	-811	-1165	-1519	-1873
				C.C. U2	894	565	237	-91	-419	-747	-1075	-1403	-1732
				C.C. U3	887	559	231	-97	-425	-754	-1082	-1410	-1738
				C.C. U4	909	576	243	-90	-423	-756	-1089	-1423	-1756
				C.C. U5	965	611	257	-98	-452	-806	-1160	-1515	-1869
				C.C. U6	898	570	242	-86	-414	-743	-1071	-1399	-1727
				C.C. U7	895	567	238	-90	-418	-746	-1074	-1402	-1730
				C.C. U8	913	580	247	-86	-419	-752	-1085	-1418	-1751
				C.C. U9	938	584	230	-124	-479	-833	-1187	-1541	-1896
				C.C. U10	871	543	215	-113	-441	-769	-1098	-1426	-1754
				C.C. U11	850	522	194	-134	-463	-791	-1119	-1447	-1775
				C.C. U12	887	554	220	-113	-446	-779	-1112	-1445	-1778
				C.C. U13	975	621	267	-88	-442	-796	-1150	-1505	-1859
				C.C. U14	908	580	252	-76	-404	-733	-1061	-1389	-1717
				C.C. U15	911	583	255	-73	-401	-729	-1058	-1386	-1714
				C.C. U16	923	590	257	-76	-409	-742	-1075	-1408	-1741
				C.C. U17	954	600	245	-109	-463	-817	-1172	-1526	-1880
				C.C. U18	883	554	226	-102	-430	-758	-1086	-1415	-1743
				C.C. U19	881	552	224	-104	-432	-760	-1088	-1417	-1745
				C.C. U20	902	569	236	-97	-430	-763	-1096	-1429	-1762
				C.C. U21	958	604	250	-104	-459	-813	-1167	-1521	-1876
				C.C. U22	887	559	231	-97	-426	-754	-1082	-1410	-1738
				C.C. U23	888	560	232	-96	-425	-753	-1081	-1409	-1737
				C.C. U24	907	574	241	-92	-426	-759	-1092	-1425	-1758
				C.C. U25	932	577	223	-131	-485	-840	-1194	-1548	-1902
				C.C. U26	860	532	204	-124	-452	-781	-1109	-1437	-1765
				C.C. U27	843	515	187	-141	-469	-797	-1126	-1454	-1782
				C.C. U28	880	547	214	-119	-452	-785	-1118	-1452	-1785
				C.C. U29	968	614	260	-94	-449	-803	-1157	-1511	-1866
				C.C. U30	897	569	241	-87	-416	-744	-1072	-1400	-1728
				C.C. U31	905	577	248	-80	-408	-736	-1064	-1392	-1721
				C.C. U32	917	584	251	-82	-416	-749	-1082	-1415	-1748
				C.C. U33	967	613	258	-96	-450	-804	-1159	-1513	-1867
				C.C. U34	900	572	244	-85	-413	-741	-1069	-1397	-1725
				C.C. U35	915	582	249	-84	-417	-750	-1083	-1416	-1749
				C.C. U36	960	606	252	-103	-457	-811	-1165	-1520	-1874
				C.C. U37	889	561	233	-96	-424	-752	-1080	-1408	-1736
				C.C. U38	909	575	242	-91	-424	-757	-1090	-1423	-1756
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	-62	-123	-185	-246	-308	-370	-431	-493
				C.C.2	0	-62	-123	-185	-246	-308	-370	-431	-493
				C.C.3	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.4	0	-47	-93	-140	-186	-233	-280	-326	-373



				C.C. U1	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U2	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U3	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U4	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U5	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U6	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U7	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U8	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U9	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U10	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U11	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U12	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U13	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U14	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U15	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U16	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U17	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U18	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U19	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U20	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U21	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U22	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U23	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U24	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U25	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U26	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U27	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U28	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U29	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U30	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U31	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U32	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U33	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U34	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U35	0	-60	-119	-179	-238	-298	-357	-417	-477
				C.C. U36	0	-63	-126	-189	-251	-314	-377	-440	-503
				C.C. U37	0	-58	-117	-175	-233	-292	-350	-408	-467
				C.C. U38	0	-60	-119	-179	-238	-298	-357	-417	-477
<b>17</b>	<b>piano 1</b>	<b>1, 13</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	130	114	98	81	65	49	33	16	0
				C.C.2	130	114	98	81	65	49	33	16	0
				C.C.3	106	93	80	66	53	40	27	13	0
				C.C.4	106	93	80	66	53	40	27	13	0
				C.C. U1	130	114	98	81	65	49	33	16	0
				C.C. U2	123	108	92	77	61	46	31	15	0
				C.C. U3	123	108	92	77	61	46	31	15	0
				C.C. U4	123	108	92	77	61	46	31	15	0
				C.C. U5	130	114	98	81	65	49	33	16	0
				C.C. U6	123	108	92	77	61	46	31	15	0
				C.C. U7	123	108	92	77	61	46	31	15	0
				C.C. U8	123	108	92	77	61	46	31	15	0
				C.C. U9	130	114	98	81	65	49	33	16	0
				C.C. U10	123	108	92	77	61	46	31	15	0
				C.C. U11	123	108	92	77	61	46	31	15	0
				C.C. U12	123	108	92	77	61	46	31	15	0
				C.C. U13	130	114	98	81	65	49	33	16	0
				C.C. U14	123	108	92	77	61	46	31	15	0
				C.C. U15	123	108	92	77	61	46	31	15	0
				C.C. U16	123	108	92	77	61	46	31	15	0
				C.C. U17	130	114	98	81	65	49	33	16	0
				C.C. U18	123	108	92	77	61	46	31	15	0
				C.C. U19	123	108	92	77	61	46	31	15	0
				C.C. U20	123	108	92	77	61	46	31	15	0
				C.C. U21	130	114	98	81	65	49	33	16	0
				C.C. U22	123	108	92	77	61	46	31	15	0
				C.C. U23	123	108	92	77	61	46	31	15	0
				C.C. U24	123	108	92	77	61	46	31	15	0
				C.C. U25	130	114	98	81	65	49	33	16	0
				C.C. U26	123	108	92	77	61	46	31	15	0
				C.C. U27	123	108	92	77	61	46	31	15	0
				C.C. U28	123	108	92	77	61	46	31	15	0
				C.C. U29	130	114	98	81	65	49	33	16	0

				C.C. U30	123	108	92	77	61	46	31	15	0
				C.C. U31	123	108	92	77	61	46	31	15	0
				C.C. U32	123	108	92	77	61	46	31	15	0
				C.C. U33	130	114	98	81	65	49	33	16	0
				C.C. U34	123	108	92	77	61	46	31	15	0
				C.C. U35	123	108	92	77	61	46	31	15	0
				C.C. U36	130	114	98	81	65	49	33	16	0
				C.C. U37	123	108	92	77	61	46	31	15	0
				C.C. U38	123	108	92	77	61	46	31	15	0
<b>18</b>	<b>piano 1</b>	<b>2, 4</b>	<b>120.0 0</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	943	594	244	-105	-454	-804	-1153	-1502	-1852
				C.C.2	936	587	238	-112	-461	-810	-1160	-1509	-1858
				C.C.3	716	454	191	-71	-333	-596	-858	-1121	-1383
				C.C.4	705	443	180	-82	-344	-607	-869	-1131	-1394
				C.C. U1	953	598	244	-110	-465	-819	-1173	-1527	-1882
				C.C. U2	886	558	230	-99	-427	-755	-1083	-1411	-1739
				C.C. U3	879	550	222	-106	-434	-762	-1090	-1419	-1747
				C.C. U4	901	568	235	-98	-431	-764	-1097	-1430	-1763
				C.C. U5	964	610	256	-98	-453	-807	-1161	-1515	-1870
				C.C. U6	898	570	242	-87	-415	-743	-1071	-1399	-1727
				C.C. U7	898	570	242	-86	-414	-742	-1071	-1399	-1727
				C.C. U8	913	580	247	-86	-419	-752	-1085	-1418	-1751
				C.C. U9	931	577	223	-131	-486	-840	-1194	-1548	-1903
				C.C. U10	865	537	209	-120	-448	-776	-1104	-1432	-1760
				C.C. U11	843	515	187	-141	-469	-797	-1125	-1454	-1782
				C.C. U12	880	547	214	-119	-452	-785	-1118	-1451	-1784
				C.C. U13	969	614	260	-94	-448	-803	-1157	-1511	-1865
				C.C. U14	902	574	246	-82	-411	-739	-1067	-1395	-1723
				C.C. U15	906	577	249	-79	-407	-735	-1063	-1392	-1720
				C.C. U16	917	584	251	-82	-415	-748	-1081	-1414	-1747
				C.C. U17	946	592	237	-117	-471	-825	-1180	-1534	-1888
				C.C. U18	875	547	219	-109	-438	-766	-1094	-1422	-1750
				C.C. U19	872	544	216	-113	-441	-769	-1097	-1425	-1753
				C.C. U20	895	561	228	-105	-438	-771	-1104	-1437	-1770
				C.C. U21	958	604	249	-105	-459	-813	-1168	-1522	-1876
				C.C. U22	887	559	231	-98	-426	-754	-1082	-1410	-1738
				C.C. U23	892	564	235	-93	-421	-749	-1077	-1405	-1733
				C.C. U24	906	573	240	-93	-426	-759	-1092	-1425	-1758
				C.C. U25	925	571	216	-138	-492	-846	-1201	-1555	-1909
				C.C. U26	854	526	198	-131	-459	-787	-1115	-1443	-1771
				C.C. U27	837	509	181	-148	-476	-804	-1132	-1460	-1788
				C.C. U28	873	540	207	-126	-459	-792	-1125	-1458	-1791
				C.C. U29	962	608	254	-101	-455	-809	-1163	-1518	-1872
				C.C. U30	891	563	235	-93	-421	-750	-1078	-1406	-1734
				C.C. U31	899	571	243	-86	-414	-742	-1070	-1398	-1726
				C.C. U32	911	578	245	-88	-422	-755	-1088	-1421	-1754
				C.C. U33	960	606	252	-102	-457	-811	-1165	-1519	-1874
				C.C. U34	894	566	237	-91	-419	-747	-1075	-1403	-1731
				C.C. U35	909	576	243	-90	-423	-756	-1089	-1423	-1756
				C.C. U36	954	600	245	-109	-463	-818	-1172	-1526	-1880
				C.C. U37	883	555	226	-102	-430	-758	-1086	-1414	-1742
				C.C. U38	902	569	236	-97	-430	-763	-1096	-1429	-1762
<b>19</b>	<b>piano 1</b>	<b>2, 8</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	493	431	370	308	246	185	123	62	0
				C.C.2	493	431	370	308	246	185	123	62	0
				C.C.3	373	326	280	233	186	140	93	47	0
				C.C.4	373	326	280	233	186	140	93	47	0
				C.C. U1	503	440	377	314	251	189	126	63	0
				C.C. U2	467	408	350	292	233	175	117	58	0
				C.C. U3	467	408	350	292	233	175	117	58	0
				C.C. U4	477	417	357	298	238	179	119	60	0
				C.C. U5	503	440	377	314	251	189	126	63	0
				C.C. U6	467	408	350	292	233	175	117	58	0
				C.C. U7	467	408	350	292	233	175	117	58	0
				C.C. U8	477	417	357	298	238	179	119	60	0
				C.C. U9	503	440	377	314	251	189	126	63	0
				C.C. U10	467	408	350	292	233	175	117	58	0
				C.C. U11	467	408	350	292	233	175	117	58	0
				C.C. U12	477	417	357	298	238	179	119	60	0
				C.C. U13	503	440	377	314	251	189	126	63	0
				C.C. U14	467	408	350	292	233	175	117	58	0

				C.C. U15	467	408	350	292	233	175	117	58	0
				C.C. U16	477	417	357	298	238	179	119	60	0
				C.C. U17	503	440	377	314	251	189	126	63	0
				C.C. U18	467	408	350	292	233	175	117	58	0
				C.C. U19	467	408	350	292	233	175	117	58	0
				C.C. U20	477	417	357	298	238	179	119	60	0
				C.C. U21	503	440	377	314	251	189	126	63	0
				C.C. U22	467	408	350	292	233	175	117	58	0
				C.C. U23	467	408	350	292	233	175	117	58	0
				C.C. U24	477	417	357	298	238	179	119	60	0
				C.C. U25	503	440	377	314	251	189	126	63	0
				C.C. U26	467	408	350	292	233	175	117	58	0
				C.C. U27	467	408	350	292	233	175	117	58	0
				C.C. U28	477	417	357	298	238	179	119	60	0
				C.C. U29	503	440	377	314	251	189	126	63	0
				C.C. U30	467	408	350	292	233	175	117	58	0
				C.C. U31	467	408	350	292	233	175	117	58	0
				C.C. U32	477	417	357	298	238	179	119	60	0
				C.C. U33	503	440	377	314	251	189	126	63	0
				C.C. U34	467	408	350	292	233	175	117	58	0
				C.C. U35	477	417	357	298	238	179	119	60	0
				C.C. U36	503	440	377	314	251	189	126	63	0
				C.C. U37	467	408	350	292	233	175	117	58	0
				C.C. U38	477	417	357	298	238	179	119	60	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	130	114	98	81	65	49	33	16	0
				C.C.2	130	114	98	81	65	49	33	16	0
				C.C.3	106	93	80	66	53	40	27	13	0
				C.C.4	106	93	80	66	53	40	27	13	0
				C.C. U1	130	114	98	81	65	49	33	16	0
				C.C. U2	123	108	92	77	61	46	31	15	0
				C.C. U3	123	108	92	77	61	46	31	15	0
				C.C. U4	123	108	92	77	61	46	31	15	0
				C.C. U5	130	114	98	81	65	49	33	16	0
				C.C. U6	123	108	92	77	61	46	31	15	0
				C.C. U7	123	108	92	77	61	46	31	15	0
				C.C. U8	123	108	92	77	61	46	31	15	0
				C.C. U9	130	114	98	81	65	49	33	16	0
				C.C. U10	123	108	92	77	61	46	31	15	0
				C.C. U11	123	108	92	77	61	46	31	15	0
				C.C. U12	123	108	92	77	61	46	31	15	0
				C.C. U13	130	114	98	81	65	49	33	16	0
				C.C. U14	123	108	92	77	61	46	31	15	0
				C.C. U15	123	108	92	77	61	46	31	15	0
				C.C. U16	123	108	92	77	61	46	31	15	0
				C.C. U17	130	114	98	81	65	49	33	16	0
				C.C. U18	123	108	92	77	61	46	31	15	0
				C.C. U19	123	108	92	77	61	46	31	15	0
				C.C. U20	123	108	92	77	61	46	31	15	0
				C.C. U21	130	114	98	81	65	49	33	16	0
				C.C. U22	123	108	92	77	61	46	31	15	0
				C.C. U23	123	108	92	77	61	46	31	15	0
				C.C. U24	123	108	92	77	61	46	31	15	0
				C.C. U25	130	114	98	81	65	49	33	16	0
				C.C. U26	123	108	92	77	61	46	31	15	0
				C.C. U27	123	108	92	77	61	46	31	15	0
				C.C. U28	123	108	92	77	61	46	31	15	0
				C.C. U29	130	114	98	81	65	49	33	16	0
				C.C. U30	123	108	92	77	61	46	31	15	0
				C.C. U31	123	108	92	77	61	46	31	15	0
				C.C. U32	123	108	92	77	61	46	31	15	0
				C.C. U33	130	114	98	81	65	49	33	16	0
				C.C. U34	123	108	92	77	61	46	31	15	0
				C.C. U35	123	108	92	77	61	46	31	15	0
				C.C. U36	130	114	98	81	65	49	33	16	0
				C.C. U37	123	108	92	77	61	46	31	15	0
				C.C. U38	123	108	92	77	61	46	31	15	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-27	-211	-395	-578	-762	-946	-1130	-1314	-1498
				C.C.2	-27	-211	-395	-579	-763	-946	-1130	-1314	-1498
				C.C.3	77	-61	-199	-337	-475	-613	-751	-889	-1027
				C.C.4	76	-62	-200	-338	-476	-614	-752	-890	-1028

				C.C. U1	8	-179	-365	-552	-738	-924	-1111	-1297	-1484
				C.C. U2	39	-134	-306	-479	-652	-824	-997	-1170	-1342
				C.C. U3	28	-145	-318	-490	-663	-836	-1008	-1181	-1354
				C.C. U4	90	-85	-260	-436	-611	-786	-961	-1137	-1312
				C.C. U5	24	-162	-348	-535	-721	-908	-1094	-1280	-1467
				C.C. U6	56	-117	-290	-462	-635	-808	-980	-1153	-1326
				C.C. U7	56	-117	-290	-462	-635	-808	-980	-1153	-1326
				C.C. U8	107	-68	-244	-419	-594	-769	-945	-1120	-1295
				C.C. U9	-14	-201	-387	-573	-760	-946	-1133	-1319	-1505
				C.C. U10	17	-156	-328	-501	-674	-846	-1019	-1192	-1364
				C.C. U11	-9	-181	-354	-527	-699	-872	-1045	-1217	-1390
				C.C. U12	68	-107	-282	-458	-633	-808	-983	-1159	-1334
				C.C. U13	87	-100	-286	-473	-659	-845	-1032	-1218	-1405
				C.C. U14	118	-55	-228	-400	-573	-746	-918	-1091	-1264
				C.C. U15	159	-14	-186	-359	-531	-704	-877	-1049	-1222
				C.C. U16	169	-6	-181	-357	-532	-707	-883	-1058	-1233
				C.C. U17	7	-179	-365	-552	-738	-925	-1111	-1297	-1484
				C.C. U18	38	-134	-307	-480	-652	-825	-997	-1170	-1343
				C.C. U19	27	-145	-318	-491	-663	-836	-1009	-1181	-1354
				C.C. U20	90	-85	-261	-436	-611	-786	-962	-1137	-1312
				C.C. U21	24	-162	-349	-535	-721	-908	-1094	-1281	-1467
				C.C. U22	55	-117	-290	-463	-635	-808	-981	-1153	-1326
				C.C. U23	55	-117	-290	-463	-635	-808	-981	-1153	-1326
				C.C. U24	107	-69	-244	-419	-594	-770	-945	-1120	-1295
				C.C. U25	-14	-201	-387	-574	-760	-946	-1133	-1319	-1506
				C.C. U26	17	-156	-329	-501	-674	-847	-1019	-1192	-1365
				C.C. U27	-9	-182	-354	-527	-700	-872	-1045	-1218	-1390
				C.C. U28	68	-107	-282	-458	-633	-808	-984	-1159	-1334
				C.C. U29	86	-100	-287	-473	-659	-846	-1032	-1219	-1405
				C.C. U30	117	-55	-228	-401	-573	-746	-919	-1091	-1264
				C.C. U31	159	-14	-186	-359	-532	-704	-877	-1050	-1222
				C.C. U32	169	-6	-182	-357	-532	-707	-883	-1058	-1233
				C.C. U33	24	-162	-349	-535	-721	-908	-1094	-1281	-1467
				C.C. U34	56	-117	-290	-462	-635	-808	-980	-1153	-1326
				C.C. U35	107	-68	-244	-419	-594	-769	-945	-1120	-1295
				C.C. U36	24	-162	-349	-535	-722	-908	-1094	-1281	-1467
				C.C. U37	55	-118	-290	-463	-636	-808	-981	-1154	-1326
				C.C. U38	107	-69	-244	-419	-594	-770	-945	-1120	-1295
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-4	-187	-371	-555	-739	-923	-1106	-1290	-1474
				C.C.2	-4	-188	-372	-555	-739	-923	-1107	-1291	-1474
				C.C.3	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.4	96	-42	-180	-318	-457	-595	-733	-871	-1009
				C.C. U1	16	-170	-357	-543	-730	-916	-1102	-1289	-1475
				C.C. U2	46	-127	-299	-472	-645	-817	-990	-1163	-1335
				C.C. U3	24	-148	-321	-494	-666	-839	-1012	-1184	-1357
				C.C. U4	97	-78	-253	-428	-604	-779	-954	-1129	-1305
				C.C. U5	39	-148	-334	-520	-707	-893	-1080	-1266	-1452
				C.C. U6	69	-104	-276	-449	-622	-794	-967	-1140	-1312
				C.C. U7	63	-110	-283	-455	-628	-801	-973	-1146	-1319
				C.C. U8	120	-55	-230	-405	-581	-756	-931	-1106	-1282
				C.C. U9	10	-176	-363	-549	-736	-922	-1108	-1295	-1481
				C.C. U10	40	-133	-305	-478	-651	-823	-996	-1169	-1341
				C.C. U11	15	-158	-331	-503	-676	-849	-1021	-1194	-1367
				C.C. U12	92	-84	-259	-434	-609	-785	-960	-1135	-1310
				C.C. U13	110	-76	-263	-449	-636	-822	-1008	-1195	-1381
				C.C. U14	140	-33	-205	-378	-551	-723	-896	-1069	-1241
				C.C. U15	181	8	-164	-337	-510	-682	-855	-1028	-1200
				C.C. U16	191	16	-159	-334	-510	-685	-860	-1035	-1211
				C.C. U17	16	-171	-357	-544	-730	-916	-1103	-1289	-1476
				C.C. U18	45	-127	-300	-473	-645	-818	-991	-1163	-1336
				C.C. U19	24	-149	-321	-494	-667	-839	-1012	-1185	-1357
				C.C. U20	97	-78	-253	-429	-604	-779	-954	-1130	-1305
				C.C. U21	39	-148	-334	-521	-707	-893	-1080	-1266	-1453
				C.C. U22	68	-104	-277	-450	-622	-795	-968	-1140	-1313
				C.C. U23	62	-110	-283	-456	-628	-801	-974	-1146	-1319
				C.C. U24	120	-55	-230	-406	-581	-756	-931	-1107	-1282
				C.C. U25	10	-177	-363	-549	-736	-922	-1109	-1295	-1481
				C.C. U26	40	-133	-306	-478	-651	-824	-996	-1169	-1342
				C.C. U27	14	-158	-331	-504	-676	-849	-1022	-1194	-1367
				C.C. U28	91	-84	-259	-434	-610	-785	-960	-1135	-1311
				C.C. U29	110	-77	-263	-450	-636	-822	-1009	-1195	-1382

				C.C. U30	139	-33	-206	-379	-551	-724	-897	-1069	-1242
				C.C. U31	181	8	-165	-337	-510	-683	-855	-1028	-1201
				C.C. U32	191	16	-159	-335	-510	-685	-860	-1036	-1211
				C.C. U33	48	-138	-325	-511	-698	-884	-1070	-1257	-1443
				C.C. U34	78	-95	-267	-440	-613	-785	-958	-1131	-1303
				C.C. U35	130	-46	-221	-396	-571	-747	-922	-1097	-1272
				C.C. U36	48	-139	-325	-511	-698	-884	-1071	-1257	-1443
				C.C. U37	78	-95	-268	-440	-613	-786	-958	-1131	-1304
				C.C. U38	129	-46	-221	-396	-572	-747	-922	-1097	-1273
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	1988	1492	995	498	2	-495	-991	-1488	-1984
				C.C.2	1988	1492	995	498	2	-495	-991	-1488	-1984
				C.C.3	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.4	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C. U1	2059	1546	1032	519	5	-508	-1021	-1535	-2048
				C.C. U2	1881	1412	943	474	5	-464	-933	-1402	-1871
				C.C. U3	1884	1415	946	477	8	-461	-930	-1399	-1868
				C.C. U4	1949	1463	977	491	5	-480	-966	-1452	-1938
				C.C. U5	2065	1552	1039	525	12	-502	-1015	-1529	-2042
				C.C. U6	1887	1419	950	481	12	-457	-926	-1395	-1864
				C.C. U7	1894	1425	956	487	18	-451	-920	-1389	-1858
				C.C. U8	1955	1469	983	497	12	-474	-960	-1446	-1932
				C.C. U9	2056	1542	1029	515	2	-512	-1025	-1538	-2052
				C.C. U10	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U11	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U12	1945	1459	973	488	2	-484	-970	-1456	-1941
				C.C. U13	2056	1542	1029	515	2	-512	-1025	-1538	-2052
				C.C. U14	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U15	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U16	1945	1459	973	488	2	-484	-970	-1456	-1941
				C.C. U17	2059	1546	1032	519	5	-508	-1021	-1535	-2048
				C.C. U18	1881	1412	943	474	5	-464	-933	-1402	-1871
				C.C. U19	1884	1415	946	477	8	-461	-930	-1399	-1868
				C.C. U20	1949	1463	977	491	5	-480	-966	-1452	-1938
				C.C. U21	2065	1552	1039	525	12	-502	-1015	-1529	-2042
				C.C. U22	1887	1419	950	481	12	-457	-926	-1395	-1864
				C.C. U23	1894	1425	956	487	18	-451	-920	-1389	-1858
				C.C. U24	1955	1469	983	497	12	-474	-960	-1446	-1932
				C.C. U25	2056	1542	1029	515	2	-512	-1025	-1538	-2052
				C.C. U26	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U27	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U28	1945	1459	973	488	2	-484	-970	-1456	-1941
				C.C. U29	2056	1542	1029	515	2	-512	-1025	-1538	-2052
				C.C. U30	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U31	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U32	1945	1459	973	488	2	-484	-970	-1456	-1941
				C.C. U33	2056	1542	1029	515	2	-512	-1025	-1538	-2052
				C.C. U34	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U35	1945	1459	973	488	2	-484	-970	-1456	-1941
				C.C. U36	2056	1542	1029	515	2	-512	-1025	-1538	-2052
				C.C. U37	1878	1409	940	471	2	-467	-936	-1405	-1874
				C.C. U38	1945	1459	973	488	2	-484	-970	-1456	-1941
<b>24</b>	<b>piano 1</b>	<b>9, 5</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	-145	-289	-434	-578	-723	-868	-1012	-1157
				C.C.2	0	-145	-289	-434	-578	-723	-868	-1012	-1157
				C.C.3	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.4	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C. U1	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U2	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U3	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U4	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U5	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U6	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U7	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U8	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U9	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U10	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U11	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U12	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U13	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U14	0	-137	-273	-410	-546	-683	-819	-956	-1093

				C.C. U15	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U16	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U17	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U18	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U19	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U20	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U21	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U22	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U23	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U24	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U25	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U26	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U27	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U28	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U29	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U30	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U31	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U32	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U33	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U34	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U35	0	-141	-283	-424	-566	-707	-849	-990	-1132
				C.C. U36	0	-150	-299	-449	-598	-748	-897	-1047	-1196
				C.C. U37	0	-137	-273	-410	-546	-683	-819	-956	-1093
				C.C. U38	0	-141	-283	-424	-566	-707	-849	-990	-1132
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	1157	1012	868	723	578	434	289	145	0
				C.C.2	1157	1012	868	723	578	434	289	145	0
				C.C.3	812	710	609	507	406	304	203	101	0
				C.C.4	812	710	609	507	406	304	203	101	0
				C.C. U1	1196	1047	897	748	598	449	299	150	0
				C.C. U2	1093	956	819	683	546	410	273	137	0
				C.C. U3	1093	956	819	683	546	410	273	137	0
				C.C. U4	1132	990	849	707	566	424	283	141	0
				C.C. U5	1196	1047	897	748	598	449	299	150	0
				C.C. U6	1093	956	819	683	546	410	273	137	0
				C.C. U7	1093	956	819	683	546	410	273	137	0
				C.C. U8	1132	990	849	707	566	424	283	141	0
				C.C. U9	1196	1047	897	748	598	449	299	150	0
				C.C. U10	1093	956	819	683	546	410	273	137	0
				C.C. U11	1093	956	819	683	546	410	273	137	0
				C.C. U12	1132	990	849	707	566	424	283	141	0
				C.C. U13	1196	1047	897	748	598	449	299	150	0
				C.C. U14	1093	956	819	683	546	410	273	137	0
				C.C. U15	1093	956	819	683	546	410	273	137	0
				C.C. U16	1132	990	849	707	566	424	283	141	0
				C.C. U17	1196	1047	897	748	598	449	299	150	0
				C.C. U18	1093	956	819	683	546	410	273	137	0
				C.C. U19	1093	956	819	683	546	410	273	137	0
				C.C. U20	1132	990	849	707	566	424	283	141	0
				C.C. U21	1196	1047	897	748	598	449	299	150	0
				C.C. U22	1093	956	819	683	546	410	273	137	0
				C.C. U23	1093	956	819	683	546	410	273	137	0
				C.C. U24	1132	990	849	707	566	424	283	141	0
				C.C. U25	1196	1047	897	748	598	449	299	150	0
				C.C. U26	1093	956	819	683	546	410	273	137	0
				C.C. U27	1093	956	819	683	546	410	273	137	0
				C.C. U28	1132	990	849	707	566	424	283	141	0
				C.C. U29	1196	1047	897	748	598	449	299	150	0
				C.C. U30	1093	956	819	683	546	410	273	137	0
				C.C. U31	1093	956	819	683	546	410	273	137	0
				C.C. U32	1132	990	849	707	566	424	283	141	0
				C.C. U33	1196	1047	897	748	598	449	299	150	0
				C.C. U34	1093	956	819	683	546	410	273	137	0
				C.C. U35	1132	990	849	707	566	424	283	141	0
				C.C. U36	1196	1047	897	748	598	449	299	150	0
				C.C. U37	1093	956	819	683	546	410	273	137	0
				C.C. U38	1132	990	849	707	566	424	283	141	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	59	59	59	59	59	-	-	-	-
				C.C.2	67	67	67	67	67	-	-	-	-
				C.C.3	39	39	39	39	39	-	-	-	-

				C.C.4	52	52	52	52	52	-	-	-	-
				C.C. U1	61	61	61	61	61	-	-	-	-
				C.C. U2	53	53	53	53	53	-	-	-	-
				C.C. U3	59	59	59	59	59	-	-	-	-
				C.C. U4	52	52	52	52	52	-	-	-	-
				C.C. U5	56	56	56	56	56	-	-	-	-
				C.C. U6	48	48	48	48	48	-	-	-	-
				C.C. U7	51	51	51	51	51	-	-	-	-
				C.C. U8	47	47	47	47	47	-	-	-	-
				C.C. U9	76	76	76	76	76	-	-	-	-
				C.C. U10	68	68	68	68	68	-	-	-	-
				C.C. U11	84	84	84	84	84	-	-	-	-
				C.C. U12	67	67	67	67	67	-	-	-	-
				C.C. U13	72	56	40	21	2	-	-	-	-
				C.C. U14	64	48	31	13	-6	-	-	-	-
				C.C. U15	78	52	23	-7	-40	-	-	-	-
				C.C. U16	63	48	31	13	-7	-	-	-	-
				C.C. U17	69	69	69	69	69	-	-	-	-
				C.C. U18	66	66	66	66	66	-	-	-	-
				C.C. U19	67	67	67	67	67	-	-	-	-
				C.C. U20	60	60	60	60	60	-	-	-	-
				C.C. U21	64	64	64	64	64	-	-	-	-
				C.C. U22	62	62	62	62	62	-	-	-	-
				C.C. U23	59	59	59	59	59	-	-	-	-
				C.C. U24	56	56	56	56	56	-	-	-	-
				C.C. U25	84	84	84	84	84	-	-	-	-
				C.C. U26	82	82	82	82	82	-	-	-	-
				C.C. U27	92	92	92	92	92	-	-	-	-
				C.C. U28	76	76	76	76	76	-	-	-	-
				C.C. U29	80	65	48	29	10	-	-	-	-
				C.C. U30	78	62	45	27	7	-	-	-	-
				C.C. U31	86	60	31	1	-31	-	-	-	-
				C.C. U32	72	56	39	21	1	-	-	-	-
				C.C. U33	56	56	56	56	56	-	-	-	-
				C.C. U34	48	48	48	48	48	-	-	-	-
				C.C. U35	47	47	47	47	47	-	-	-	-
				C.C. U36	64	64	64	64	64	-	-	-	-
				C.C. U37	61	61	61	61	61	-	-	-	-
				C.C. U38	55	55	55	55	55	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	60	60	60	60	60	-	-	-	-
				C.C.2	69	69	69	69	69	-	-	-	-
				C.C.3	40	40	40	40	40	-	-	-	-
				C.C.4	53	53	53	53	53	-	-	-	-
				C.C. U1	54	62	71	81	93	-	-	-	-
				C.C. U2	46	54	63	73	84	-	-	-	-
				C.C. U3	47	60	76	92	111	-	-	-	-
				C.C. U4	46	54	63	73	84	-	-	-	-
				C.C. U5	56	56	56	56	56	-	-	-	-
				C.C. U6	48	48	48	48	48	-	-	-	-
				C.C. U7	51	51	51	51	51	-	-	-	-
				C.C. U8	48	48	48	48	48	-	-	-	-
				C.C. U9	78	78	78	78	78	-	-	-	-
				C.C. U10	69	69	69	69	69	-	-	-	-
				C.C. U11	86	86	86	86	86	-	-	-	-
				C.C. U12	69	69	69	69	69	-	-	-	-
				C.C. U13	73	58	41	23	3	-	-	-	-
				C.C. U14	65	50	33	14	-5	-	-	-	-
				C.C. U15	79	53	24	-6	-38	-	-	-	-
				C.C. U16	65	49	32	14	-6	-	-	-	-
				C.C. U17	62	70	80	90	101	-	-	-	-
				C.C. U18	60	68	77	87	98	-	-	-	-
				C.C. U19	55	69	84	100	119	-	-	-	-
				C.C. U20	54	62	71	81	92	-	-	-	-
				C.C. U21	65	65	65	65	65	-	-	-	-
				C.C. U22	62	62	62	62	62	-	-	-	-
				C.C. U23	59	59	59	59	59	-	-	-	-
				C.C. U24	56	56	56	56	56	-	-	-	-
				C.C. U25	86	86	86	86	86	-	-	-	-
				C.C. U26	83	83	83	83	83	-	-	-	-
				C.C. U27	94	94	94	94	94	-	-	-	-

				C.C. U28	77	77	77	77	77	-	-	-	-
				C.C. U29	81	66	49	31	11	-	-	-	-
				C.C. U30	79	63	46	28	8	-	-	-	-
				C.C. U31	87	61	32	2	-30	-	-	-	-
				C.C. U32	73	57	40	22	2	-	-	-	-
				C.C. U33	57	57	57	57	57	-	-	-	-
				C.C. U34	49	49	49	49	49	-	-	-	-
				C.C. U35	48	48	48	48	48	-	-	-	-
				C.C. U36	65	65	65	65	65	-	-	-	-
				C.C. U37	62	62	62	62	62	-	-	-	-
				C.C. U38	56	56	56	56	56	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	85	85	85	85	85	-	-	-	-
				C.C.2	87	87	87	87	87	-	-	-	-
				C.C.3	57	57	57	57	57	-	-	-	-
				C.C.4	59	59	59	59	59	-	-	-	-
				C.C. U1	88	88	88	88	88	-	-	-	-
				C.C. U2	79	79	79	79	79	-	-	-	-
				C.C. U3	82	82	82	82	82	-	-	-	-
				C.C. U4	77	77	77	77	77	-	-	-	-
				C.C. U5	83	83	83	83	83	-	-	-	-
				C.C. U6	74	74	74	74	74	-	-	-	-
				C.C. U7	74	74	74	74	74	-	-	-	-
				C.C. U8	72	72	72	72	72	-	-	-	-
				C.C. U9	93	98	103	109	115	-	-	-	-
				C.C. U10	84	89	94	100	107	-	-	-	-
				C.C. U11	91	99	108	118	129	-	-	-	-
				C.C. U12	82	87	92	98	105	-	-	-	-
				C.C. U13	68	68	68	68	68	-	-	-	-
				C.C. U14	59	59	59	59	59	-	-	-	-
				C.C. U15	49	49	49	49	49	-	-	-	-
				C.C. U16	57	57	57	57	57	-	-	-	-
				C.C. U17	89	89	89	89	89	-	-	-	-
				C.C. U18	81	81	81	81	81	-	-	-	-
				C.C. U19	84	84	84	84	84	-	-	-	-
				C.C. U20	78	78	78	78	78	-	-	-	-
				C.C. U21	84	84	84	84	84	-	-	-	-
				C.C. U22	76	76	76	76	76	-	-	-	-
				C.C. U23	76	76	76	76	76	-	-	-	-
				C.C. U24	74	74	74	74	74	-	-	-	-
				C.C. U25	94	99	104	110	117	-	-	-	-
				C.C. U26	86	91	96	102	109	-	-	-	-
				C.C. U27	92	100	109	119	130	-	-	-	-
				C.C. U28	84	88	94	100	106	-	-	-	-
				C.C. U29	69	69	69	69	69	-	-	-	-
				C.C. U30	61	61	61	61	61	-	-	-	-
				C.C. U31	50	50	50	50	50	-	-	-	-
				C.C. U32	58	58	58	58	58	-	-	-	-
				C.C. U33	83	83	83	83	83	-	-	-	-
				C.C. U34	74	74	74	74	74	-	-	-	-
				C.C. U35	73	73	73	73	73	-	-	-	-
				C.C. U36	84	84	84	84	84	-	-	-	-
				C.C. U37	77	77	77	77	77	-	-	-	-
				C.C. U38	74	74	74	74	74	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	85	85	85	85	85	-	-	-	-
				C.C.2	86	86	86	86	86	-	-	-	-
				C.C.3	57	57	57	57	57	-	-	-	-
				C.C.4	59	59	59	59	59	-	-	-	-
				C.C. U1	70	82	97	113	130	-	-	-	-
				C.C. U2	61	74	88	104	122	-	-	-	-
				C.C. U3	53	74	98	125	154	-	-	-	-
				C.C. U4	59	72	86	102	120	-	-	-	-
				C.C. U5	83	83	83	83	83	-	-	-	-
				C.C. U6	74	74	74	74	74	-	-	-	-
				C.C. U7	75	75	75	75	75	-	-	-	-
				C.C. U8	72	72	72	72	72	-	-	-	-
				C.C. U9	92	97	102	108	115	-	-	-	-
				C.C. U10	84	88	94	100	106	-	-	-	-
				C.C. U11	90	98	107	117	128	-	-	-	-



				C.C. U12	82	87	92	98	104	-	-	-	-
				C.C. U13	67	67	67	67	67	-	-	-	-
				C.C. U14	58	58	58	58	58	-	-	-	-
				C.C. U15	48	48	48	48	48	-	-	-	-
				C.C. U16	57	57	57	57	57	-	-	-	-
				C.C. U17	71	84	98	114	132	-	-	-	-
				C.C. U18	63	76	90	106	124	-	-	-	-
				C.C. U19	54	75	99	126	155	-	-	-	-
				C.C. U20	60	73	88	104	121	-	-	-	-
				C.C. U21	84	84	84	84	84	-	-	-	-
				C.C. U22	76	76	76	76	76	-	-	-	-
				C.C. U23	76	76	76	76	76	-	-	-	-
				C.C. U24	74	74	74	74	74	-	-	-	-
				C.C. U25	94	98	104	110	116	-	-	-	-
				C.C. U26	86	91	96	102	108	-	-	-	-
				C.C. U27	92	100	109	119	129	-	-	-	-
				C.C. U28	83	88	93	99	106	-	-	-	-
				C.C. U29	68	68	68	68	68	-	-	-	-
				C.C. U30	61	61	61	61	61	-	-	-	-
				C.C. U31	50	50	50	50	50	-	-	-	-
				C.C. U32	58	58	58	58	58	-	-	-	-
				C.C. U33	83	83	83	83	83	-	-	-	-
				C.C. U34	74	74	74	74	74	-	-	-	-
				C.C. U35	72	72	72	72	72	-	-	-	-
				C.C. U36	84	84	84	84	84	-	-	-	-
				C.C. U37	76	76	76	76	76	-	-	-	-
				C.C. U38	73	73	73	73	73	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-139	-139	-139	-139	-139	-	-	-	-
				C.C.2	-152	-152	-152	-152	-152	-	-	-	-
				C.C.3	-89	-89	-89	-89	-89	-	-	-	-
				C.C.4	-112	-112	-112	-112	-112	-	-	-	-
				C.C. U1	-121	-121	-121	-121	-121	-	-	-	-
				C.C. U2	-103	-103	-103	-103	-103	-	-	-	-
				C.C. U3	-101	-101	-101	-101	-101	-	-	-	-
				C.C. U4	-100	-100	-100	-100	-100	-	-	-	-
				C.C. U5	-126	-124	-121	-118	-115	-	-	-	-
				C.C. U6	-108	-106	-103	-100	-97	-	-	-	-
				C.C. U7	-110	-106	-101	-96	-91	-	-	-	-
				C.C. U8	-105	-103	-100	-97	-94	-	-	-	-
				C.C. U9	-136	-119	-101	-81	-60	-	-	-	-
				C.C. U10	-118	-101	-83	-63	-41	-	-	-	-
				C.C. U11	-126	-98	-68	-34	2	-	-	-	-
				C.C. U12	-115	-98	-80	-60	-39	-	-	-	-
				C.C. U13	-153	-153	-153	-153	-153	-	-	-	-
				C.C. U14	-135	-135	-135	-135	-135	-	-	-	-
				C.C. U15	-154	-154	-154	-154	-154	-	-	-	-
				C.C. U16	-132	-132	-132	-132	-132	-	-	-	-
				C.C. U17	-135	-135	-135	-135	-135	-	-	-	-
				C.C. U18	-126	-126	-126	-126	-126	-	-	-	-
				C.C. U19	-115	-115	-115	-115	-115	-	-	-	-
				C.C. U20	-114	-114	-114	-114	-114	-	-	-	-
				C.C. U21	-140	-138	-135	-132	-129	-	-	-	-
				C.C. U22	-131	-129	-126	-123	-120	-	-	-	-
				C.C. U23	-123	-119	-115	-110	-105	-	-	-	-
				C.C. U24	-119	-117	-114	-111	-108	-	-	-	-
				C.C. U25	-150	-133	-115	-95	-73	-	-	-	-
				C.C. U26	-141	-124	-106	-86	-64	-	-	-	-
				C.C. U27	-140	-112	-81	-48	-12	-	-	-	-
				C.C. U28	-129	-112	-94	-74	-52	-	-	-	-
				C.C. U29	-167	-167	-167	-167	-167	-	-	-	-
				C.C. U30	-158	-158	-158	-158	-158	-	-	-	-
				C.C. U31	-168	-168	-168	-168	-168	-	-	-	-
				C.C. U32	-146	-146	-146	-146	-146	-	-	-	-
				C.C. U33	-131	-131	-131	-131	-131	-	-	-	-
				C.C. U34	-113	-113	-113	-113	-113	-	-	-	-
				C.C. U35	-110	-110	-110	-110	-110	-	-	-	-
				C.C. U36	-145	-145	-145	-145	-145	-	-	-	-
				C.C. U37	-136	-136	-136	-136	-136	-	-	-	-
				C.C. U38	-124	-124	-124	-124	-124	-	-	-	-
31	piano 1	6	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-143	-143	-143	-143	-143	-	-	-	-
				C.C.2	-157	-157	-157	-157	-157	-	-	-	-
				C.C.3	-93	-93	-93	-93	-93	-	-	-	-
				C.C.4	-116	-116	-116	-116	-116	-	-	-	-
				C.C. U1	-127	-123	-119	-114	-108	-	-	-	-
				C.C. U2	-109	-105	-101	-95	-90	-	-	-	-
				C.C. U3	-108	-102	-94	-85	-76	-	-	-	-
				C.C. U4	-106	-102	-98	-92	-87	-	-	-	-
				C.C. U5	-145	-145	-145	-145	-145	-	-	-	-
				C.C. U6	-126	-126	-126	-126	-126	-	-	-	-
				C.C. U7	-137	-137	-137	-137	-137	-	-	-	-
				C.C. U8	-123	-123	-123	-123	-123	-	-	-	-
				C.C. U9	-141	-124	-106	-86	-64	-	-	-	-
				C.C. U10	-122	-106	-87	-67	-46	-	-	-	-
				C.C. U11	-131	-103	-72	-39	-3	-	-	-	-
				C.C. U12	-120	-103	-84	-64	-43	-	-	-	-
				C.C. U13	-157	-157	-157	-157	-157	-	-	-	-
				C.C. U14	-139	-139	-139	-139	-139	-	-	-	-
				C.C. U15	-158	-158	-158	-158	-158	-	-	-	-
				C.C. U16	-136	-136	-136	-136	-136	-	-	-	-
				C.C. U17	-141	-137	-133	-127	-122	-	-	-	-
				C.C. U18	-132	-128	-123	-118	-113	-	-	-	-
				C.C. U19	-122	-115	-108	-99	-90	-	-	-	-
				C.C. U20	-120	-116	-111	-106	-101	-	-	-	-
				C.C. U21	-158	-158	-158	-158	-158	-	-	-	-
				C.C. U22	-149	-149	-149	-149	-149	-	-	-	-
				C.C. U23	-151	-151	-151	-151	-151	-	-	-	-
				C.C. U24	-137	-137	-137	-137	-137	-	-	-	-
				C.C. U25	-155	-138	-119	-99	-78	-	-	-	-
				C.C. U26	-145	-129	-110	-90	-69	-	-	-	-
				C.C. U27	-144	-116	-86	-52	-16	-	-	-	-
				C.C. U28	-133	-117	-98	-78	-57	-	-	-	-
				C.C. U29	-171	-171	-171	-171	-171	-	-	-	-
				C.C. U30	-162	-162	-162	-162	-162	-	-	-	-
				C.C. U31	-172	-172	-172	-172	-172	-	-	-	-
				C.C. U32	-150	-150	-150	-150	-150	-	-	-	-
				C.C. U33	-136	-136	-136	-136	-136	-	-	-	-
				C.C. U34	-117	-117	-117	-117	-117	-	-	-	-
				C.C. U35	-114	-114	-114	-114	-114	-	-	-	-
				C.C. U36	-149	-149	-149	-149	-149	-	-	-	-
				C.C. U37	-140	-140	-140	-140	-140	-	-	-	-
				C.C. U38	-128	-128	-128	-128	-128	-	-	-	-

#### 4.3.19 Taglio X-Z - Combinazioni SLE Frequenti.

I prospetti seguenti riportano i valori del taglio (Txz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 71.I

Taglio (Txz) [daN] - Combinazioni SLE Frequenti													
Asta	Imp.	Fili	L [cm]	Comb.	Txz <sub>1</sub>	Txz <sub>2</sub>	Txz <sub>3</sub>	Txz <sub>4</sub>	Txz <sub>5</sub>	Txz <sub>6</sub>	Txz <sub>7</sub>	Txz <sub>8</sub>	Txz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-89	-124	-160	-197	-233	-270	-308	-346	-385
				C.C.2	-89	-124	-160	-197	-233	-270	-308	-346	-385
				C.C.3	-90	-125	-161	-197	-234	-271	-309	-347	-385
				C.C.4	-88	-124	-160	-196	-232	-270	-307	-345	-384
				C.C. U1	-111	-144	-177	-211	-246	-281	-317	-353	-389
				C.C. U2	-102	-135	-169	-202	-237	-272	-307	-343	-379
				C.C. U3	-107	-140	-174	-208	-243	-278	-314	-350	-387
				C.C. U4	-113	-145	-178	-212	-246	-280	-315	-351	-387
				C.C. U5	-111	-144	-177	-211	-245	-280	-315	-350	-387
				C.C. U6	-111	-144	-177	-211	-245	-280	-315	-350	-387
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	132	83	34	-15	-65	-115	-165	-216	-267
				C.C.2	132	83	34	-15	-65	-115	-165	-216	-267
				C.C.3	130	81	33	-17	-67	-117	-168	-218	-269
				C.C.4	133	85	36	-13	-63	-113	-163	-214	-265
				C.C. U1	118	72	26	-21	-69	-116	-165	-213	-262

				C.C. U2	118	73	26	-20	-68	-115	-163	-212	-260
				C.C. U3	120	74	27	-20	-68	-116	-164	-213	-262
				C.C. U4	115	70	24	-22	-69	-116	-164	-212	-260
				C.C. U5	116	71	25	-22	-69	-116	-164	-212	-260
				C.C. U6	116	71	25	-22	-69	-116	-164	-212	-260
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	252	202	151	100	50	0	-50	-99	-147
				C.C.2	252	202	151	100	50	0	-50	-99	-147
				C.C.3	255	204	153	102	52	2	-48	-97	-145
				C.C.4	250	200	149	98	48	-2	-51	-100	-149
				C.C. U1	245	197	148	100	52	4	-43	-90	-136
				C.C. U2	246	198	149	101	53	6	-41	-87	-133
				C.C. U3	246	198	149	100	52	4	-43	-90	-137
				C.C. U4	244	196	148	100	53	6	-41	-87	-132
				C.C. U5	245	196	148	100	53	6	-41	-87	-133
				C.C. U6	245	196	148	100	53	6	-41	-87	-133
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	454	415	377	339	302	265	229	193	158
				C.C.2	454	415	377	339	302	265	229	193	158
				C.C.3	455	416	378	340	303	266	230	194	159
				C.C.4	453	414	376	338	301	264	228	192	157
				C.C. U1	459	422	386	350	315	280	246	212	179
				C.C. U2	465	429	393	357	322	288	254	220	187
				C.C. U3	460	423	387	351	316	281	246	213	179
				C.C. U4	461	425	390	355	320	286	252	219	186
				C.C. U5	461	425	389	354	319	285	251	218	185
				C.C. U6	461	425	389	354	319	285	251	218	185
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-66	-98	-129	-161	-194	-226	-259	-291	-324
				C.C.2	-66	-98	-129	-161	-194	-226	-259	-291	-324
				C.C.3	-66	-98	-129	-162	-194	-226	-259	-291	-324
				C.C.4	-66	-97	-129	-161	-194	-226	-259	-291	-324
				C.C. U1	-93	-122	-151	-181	-211	-241	-270	-300	-330
				C.C. U2	-92	-121	-151	-180	-209	-239	-269	-299	-328
				C.C. U3	-99	-128	-158	-187	-217	-247	-277	-307	-338
				C.C. U4	-79	-108	-137	-166	-196	-225	-255	-285	-314
				C.C. U5	-91	-120	-149	-178	-208	-237	-267	-297	-326
				C.C. U6	-91	-120	-149	-178	-208	-237	-267	-297	-326
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	93	61	28	-5	-38	-70	-103	-135	-167
				C.C.2	93	61	28	-5	-38	-70	-103	-135	-167
				C.C.3	91	59	26	-7	-39	-72	-105	-137	-169
				C.C.4	95	62	30	-3	-36	-68	-101	-133	-165
				C.C. U1	66	36	6	-24	-53	-83	-112	-141	-170
				C.C. U2	68	38	9	-21	-51	-80	-109	-138	-167
				C.C. U3	59	29	-1	-31	-61	-90	-120	-149	-178
				C.C. U4	76	47	17	-13	-42	-72	-101	-130	-159
				C.C. U5	71	41	11	-18	-48	-77	-106	-135	-164
				C.C. U6	71	41	11	-18	-48	-77	-106	-135	-164
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-123	-155	-187	-219	-251	-284	-317	-349	-382
				C.C.2	-123	-155	-187	-219	-251	-284	-317	-349	-382
				C.C.3	-124	-156	-187	-220	-252	-284	-317	-350	-382
				C.C.4	-123	-154	-186	-219	-251	-283	-316	-349	-382
				C.C. U1	-160	-189	-219	-248	-278	-308	-338	-368	-398
				C.C. U2	-151	-180	-210	-239	-269	-299	-329	-359	-389
				C.C. U3	-158	-188	-218	-247	-277	-307	-338	-368	-398
				C.C. U4	-141	-170	-199	-229	-258	-288	-318	-347	-377
				C.C. U5	-153	-182	-211	-240	-269	-299	-329	-359	-388
				C.C. U6	-153	-182	-211	-240	-269	-299	-329	-359	-388
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	107	74	41	9	-24	-57	-89	-122	-154
				C.C.2	107	74	41	9	-24	-57	-89	-122	-154
				C.C.3	105	72	39	6	-26	-59	-92	-124	-156
				C.C.4	109	76	44	11	-22	-55	-87	-120	-152
				C.C. U1	74	44	14	-16	-46	-75	-105	-134	-163
				C.C. U2	84	54	24	-6	-36	-66	-95	-125	-154
				C.C. U3	74	44	14	-16	-46	-76	-105	-135	-164
				C.C. U4	91	62	32	2	-28	-57	-87	-116	-145
				C.C. U5	86	56	26	-4	-33	-63	-92	-121	-149
				C.C. U6	86	56	26	-4	-33	-63	-92	-121	-149
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)

				C.C.1	241	210	179	148	117	87	57	27	-3
				C.C.2	241	210	179	148	117	87	57	27	-3
				C.C.3	246	215	184	153	123	92	62	32	3
				C.C.4	236	204	173	143	112	82	52	22	-8
				C.C. U1	241	214	187	160	134	108	82	56	30
				C.C. U2	242	215	188	161	135	108	83	57	31
				C.C. U3	237	209	182	156	129	103	77	52	27
				C.C. U4	242	215	188	161	134	107	81	55	29
				C.C. U5	240	213	186	160	133	107	82	56	31
				C.C. U6	240	213	186	160	133	107	82	56	31
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	310	278	247	217	186	156	126	96	67
				C.C.2	310	278	247	217	186	156	126	96	67
				C.C.3	315	284	253	223	192	162	132	102	73
				C.C.4	304	273	242	211	181	150	120	90	61
				C.C. U1	312	284	257	230	204	178	152	127	102
				C.C. U2	314	287	259	233	206	180	154	128	102
				C.C. U3	313	286	258	232	206	180	154	129	103
				C.C. U4	315	287	260	233	206	180	154	128	102
				C.C. U5	315	287	261	234	208	182	156	131	106
				C.C. U6	315	287	261	234	208	182	156	131	106
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-46	-90	-134	-179	-225	-271	-318	-365	-414
				C.C.2	-46	-90	-134	-179	-225	-271	-318	-365	-414
				C.C.3	-49	-93	-137	-182	-227	-274	-321	-368	-416
				C.C.4	-44	-88	-132	-177	-222	-268	-315	-363	-411
				C.C. U1	-91	-129	-168	-207	-248	-289	-330	-373	-416
				C.C. U2	-88	-126	-165	-205	-245	-286	-328	-371	-414
				C.C. U3	-97	-135	-174	-213	-253	-294	-335	-377	-420
				C.C. U4	-85	-124	-163	-203	-244	-286	-328	-371	-414
				C.C. U5	-92	-130	-169	-209	-249	-290	-331	-374	-417
				C.C. U6	-92	-130	-169	-209	-249	-290	-331	-374	-417
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	223	168	113	57	1	-55	-110	-165	-220
				C.C.2	223	168	113	57	1	-55	-110	-165	-220
				C.C.3	223	168	113	57	1	-55	-110	-166	-221
				C.C.4	223	168	113	57	1	-54	-110	-165	-220
				C.C. U1	201	152	102	52	2	-48	-98	-148	-197
				C.C. U2	202	152	102	52	1	-49	-99	-149	-199
				C.C. U3	199	150	101	51	1	-49	-99	-148	-197
				C.C. U4	203	153	103	52	1	-50	-100	-151	-200
				C.C. U5	200	151	101	51	1	-49	-99	-149	-198
				C.C. U6	200	151	101	51	1	-49	-99	-149	-198
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	418	370	323	276	230	185	141	96	53
				C.C.2	418	370	323	276	230	185	141	96	53
				C.C.3	421	373	325	279	233	188	143	99	55
				C.C.4	416	368	321	274	228	183	138	94	51
				C.C. U1	426	383	341	300	259	219	180	141	103
				C.C. U2	424	381	339	297	256	216	177	138	99
				C.C. U3	426	383	341	300	260	220	181	143	105
				C.C. U4	420	376	334	292	250	210	170	131	92
				C.C. U5	422	379	337	296	255	215	176	138	100
				C.C. U6	422	379	337	296	255	215	176	138	100
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	870	652	435	217	0	-218	-435	-653	-870
				C.C.2	870	652	435	217	0	-218	-435	-653	-870
				C.C.3	870	652	435	217	0	-218	-435	-653	-870
				C.C.4	870	652	435	217	0	-218	-435	-653	-870
				C.C. U1	953	714	476	237	-1	-240	-478	-717	-955
				C.C. U2	955	716	478	239	1	-238	-476	-715	-953
				C.C. U3	954	715	477	238	0	-239	-477	-716	-955
				C.C. U4	954	715	477	238	0	-239	-477	-716	-955
				C.C. U5	963	722	481	240	0	-241	-482	-723	-964
				C.C. U6	963	722	481	240	0	-241	-482	-723	-964
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	715	453	191	-72	-334	-596	-859	-1121	-1383
				C.C.2	715	453	191	-72	-334	-596	-859	-1121	-1383
				C.C.3	718	456	194	-69	-331	-594	-856	-1118	-1381
				C.C.4	713	450	188	-74	-337	-599	-861	-1124	-1386

				C.C. U1	783	494	206	-83	-371	-660	-948	-1237	-1525
				C.C. U2	784	496	207	-81	-370	-658	-947	-1235	-1524
				C.C. U3	775	487	198	-90	-379	-667	-956	-1244	-1532
				C.C. U4	787	499	210	-78	-366	-655	-943	-1232	-1520
				C.C. U5	792	501	211	-80	-370	-660	-951	-1241	-1532
				C.C. U6	792	501	211	-80	-370	-660	-951	-1241	-1532
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.2	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.3	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.4	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C. U1	0	-51	-102	-153	-204	-256	-307	-358	-409
				C.C. U2	0	-51	-102	-153	-204	-256	-307	-358	-409
				C.C. U3	0	-51	-102	-153	-204	-256	-307	-358	-409
				C.C. U4	0	-51	-102	-153	-204	-256	-307	-358	-409
				C.C. U5	0	-52	-103	-155	-206	-258	-310	-361	-413
				C.C. U6	0	-52	-103	-155	-206	-258	-310	-361	-413
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	106	93	80	66	53	40	27	13	0
				C.C.2	106	93	80	66	53	40	27	13	0
				C.C.3	106	93	80	66	53	40	27	13	0
				C.C.4	106	93	80	66	53	40	27	13	0
				C.C. U1	113	99	85	71	57	43	28	14	0
				C.C. U2	113	99	85	71	57	43	28	14	0
				C.C. U3	113	99	85	71	57	43	28	14	0
				C.C. U4	113	99	85	71	57	43	28	14	0
				C.C. U5	113	99	85	71	57	43	28	14	0
				C.C. U6	113	99	85	71	57	43	28	14	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	710	448	186	-77	-339	-601	-864	-1126	-1388
				C.C.2	710	448	186	-77	-339	-601	-864	-1126	-1388
				C.C.3	713	451	189	-74	-336	-599	-861	-1123	-1386
				C.C.4	708	445	183	-79	-342	-604	-866	-1129	-1391
				C.C. U1	777	488	200	-89	-377	-666	-954	-1243	-1531
				C.C. U2	781	492	204	-85	-373	-662	-950	-1239	-1527
				C.C. U3	770	481	193	-96	-384	-673	-961	-1250	-1538
				C.C. U4	782	494	205	-83	-372	-660	-949	-1237	-1526
				C.C. U5	786	496	205	-85	-375	-666	-956	-1247	-1537
				C.C. U6	786	496	205	-85	-375	-666	-956	-1247	-1537
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	373	326	280	233	186	140	93	47	0
				C.C.2	373	326	280	233	186	140	93	47	0
				C.C.3	373	326	280	233	186	140	93	47	0
				C.C.4	373	326	280	233	186	140	93	47	0
				C.C. U1	409	358	307	256	204	153	102	51	0
				C.C. U2	409	358	307	256	204	153	102	51	0
				C.C. U3	409	358	307	256	204	153	102	51	0
				C.C. U4	409	358	307	256	204	153	102	51	0
				C.C. U5	413	361	310	258	206	155	103	52	0
				C.C. U6	413	361	310	258	206	155	103	52	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	106	93	80	66	53	40	27	13	0
				C.C.2	106	93	80	66	53	40	27	13	0
				C.C.3	106	93	80	66	53	40	27	13	0
				C.C.4	106	93	80	66	53	40	27	13	0
				C.C. U1	113	99	85	71	57	43	28	14	0
				C.C. U2	113	99	85	71	57	43	28	14	0
				C.C. U3	113	99	85	71	57	43	28	14	0
				C.C. U4	113	99	85	71	57	43	28	14	0
				C.C. U5	113	99	85	71	57	43	28	14	0
				C.C. U6	113	99	85	71	57	43	28	14	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	77	-61	-199	-337	-475	-613	-751	-890	-1028
				C.C.2	77	-61	-199	-337	-475	-613	-751	-890	-1028
				C.C.3	77	-61	-199	-337	-475	-613	-751	-889	-1027
				C.C.4	77	-61	-200	-338	-476	-614	-752	-890	-1028
				C.C. U1	40	-112	-264	-415	-567	-719	-871	-1022	-1174
				C.C. U2	46	-106	-258	-410	-562	-713	-865	-1017	-1169
				C.C. U3	33	-119	-271	-423	-574	-726	-878	-1030	-1181
				C.C. U4	66	-86	-237	-389	-541	-693	-844	-996	-1148
				C.C. U5	66	-87	-240	-392	-545	-698	-851	-1004	-1156

				C.C. U6	66	-87	-240	-392	-545	-698	-851	-1004	-1156
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.2	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.3	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.4	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C. U1	55	-97	-248	-400	-552	-704	-855	-1007	-1159
				C.C. U2	63	-89	-241	-392	-544	-696	-848	-999	-1151
				C.C. U3	53	-98	-250	-402	-554	-706	-857	-1009	-1161
				C.C. U4	87	-65	-217	-369	-520	-672	-824	-976	-1128
				C.C. U5	87	-66	-219	-372	-525	-677	-830	-983	-1136
				C.C. U6	87	-66	-219	-372	-525	-677	-830	-983	-1136
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.2	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.3	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.4	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C. U1	1574	1182	789	396	3	-390	-783	-1176	-1569
				C.C. U2	1576	1184	791	398	5	-388	-781	-1174	-1567
				C.C. U3	1573	1180	787	395	2	-391	-784	-1177	-1570
				C.C. U4	1573	1180	787	395	2	-391	-784	-1177	-1570
				C.C. U5	1600	1201	801	401	2	-398	-798	-1197	-1597
				C.C. U6	1600	1201	801	401	2	-398	-798	-1197	-1597
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.2	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.3	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.4	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C. U1	0	-114	-229	-343	-458	-572	-687	-801	-915
				C.C. U2	0	-114	-229	-343	-458	-572	-687	-801	-915
				C.C. U3	0	-114	-229	-343	-458	-572	-687	-801	-915
				C.C. U4	0	-114	-229	-343	-458	-572	-687	-801	-915
				C.C. U5	0	-116	-233	-349	-466	-582	-698	-815	-931
				C.C. U6	0	-116	-233	-349	-466	-582	-698	-815	-931
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	812	710	609	507	406	304	203	101	0
				C.C.2	812	710	609	507	406	304	203	101	0
				C.C.3	812	710	609	507	406	304	203	101	0
				C.C.4	812	710	609	507	406	304	203	101	0
				C.C. U1	915	801	687	572	458	343	229	114	0
				C.C. U2	915	801	687	572	458	343	229	114	0
				C.C. U3	915	801	687	572	458	343	229	114	0
				C.C. U4	915	801	687	572	458	343	229	114	0
				C.C. U5	931	815	698	582	466	349	233	116	0
				C.C. U6	931	815	698	582	466	349	233	116	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	45	45	45	45	45	-	-	-	-
				C.C.2	45	45	45	45	45	-	-	-	-
				C.C.3	42	42	42	42	42	-	-	-	-
				C.C.4	49	49	49	49	49	-	-	-	-
				C.C. U1	52	52	52	52	52	-	-	-	-
				C.C. U2	51	51	51	51	51	-	-	-	-
				C.C. U3	57	57	57	57	57	-	-	-	-
				C.C. U4	56	51	45	39	33	-	-	-	-
				C.C. U5	49	49	49	49	49	-	-	-	-
				C.C. U6	49	49	49	49	49	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	46	46	46	46	46	-	-	-	-
				C.C.2	46	46	46	46	46	-	-	-	-
				C.C.3	43	43	43	43	43	-	-	-	-
				C.C.4	50	50	50	50	50	-	-	-	-
				C.C. U1	51	54	57	60	64	-	-	-	-
				C.C. U2	52	52	52	52	52	-	-	-	-
				C.C. U3	59	59	59	59	59	-	-	-	-
				C.C. U4	57	52	46	40	34	-	-	-	-
				C.C. U5	50	50	50	50	50	-	-	-	-
				C.C. U6	50	50	50	50	50	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	58	58	58	58	58	-	-	-	-

				C.C.2	58	58	58	58	58	-	-	-	-
				C.C.3	58	58	58	58	58	-	-	-	-
				C.C.4	59	59	59	59	59	-	-	-	-
				C.C. U1	68	68	68	68	68	-	-	-	-
				C.C. U2	67	67	67	67	67	-	-	-	-
				C.C. U3	70	71	73	75	77	-	-	-	-
				C.C. U4	61	61	61	61	61	-	-	-	-
				C.C. U5	66	66	66	66	66	-	-	-	-
				C.C. U6	66	66	66	66	66	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	58	58	58	58	58	-	-	-	-
				C.C.2	58	58	58	58	58	-	-	-	-
				C.C.3	57	57	57	57	57	-	-	-	-
				C.C.4	58	58	58	58	58	-	-	-	-
				C.C. U1	62	66	71	76	82	-	-	-	-
				C.C. U2	66	66	66	66	66	-	-	-	-
				C.C. U3	69	71	73	75	77	-	-	-	-
				C.C. U4	61	61	61	61	61	-	-	-	-
				C.C. U5	65	65	65	65	65	-	-	-	-
				C.C. U6	65	65	65	65	65	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-101	-101	-101	-101	-101	-	-	-	-
				C.C.2	-101	-101	-101	-101	-101	-	-	-	-
				C.C.3	-95	-95	-95	-95	-95	-	-	-	-
				C.C.4	-107	-107	-107	-107	-107	-	-	-	-
				C.C. U1	-111	-111	-111	-111	-111	-	-	-	-
				C.C. U2	-113	-112	-111	-110	-109	-	-	-	-
				C.C. U3	-116	-110	-104	-98	-90	-	-	-	-
				C.C. U4	-122	-122	-122	-122	-122	-	-	-	-
				C.C. U5	-111	-111	-111	-111	-111	-	-	-	-
				C.C. U6	-111	-111	-111	-111	-111	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-104	-104	-104	-104	-104	-	-	-	-
				C.C.2	-104	-104	-104	-104	-104	-	-	-	-
				C.C.3	-99	-99	-99	-99	-99	-	-	-	-
				C.C.4	-110	-110	-110	-110	-110	-	-	-	-
				C.C. U1	-115	-114	-112	-111	-109	-	-	-	-
				C.C. U2	-121	-121	-121	-121	-121	-	-	-	-
				C.C. U3	-120	-114	-108	-101	-94	-	-	-	-
				C.C. U4	-125	-125	-125	-125	-125	-	-	-	-
				C.C. U5	-115	-115	-115	-115	-115	-	-	-	-
				C.C. U6	-115	-115	-115	-115	-115	-	-	-	-

#### 4.3.20 Taglio X-Z - Combinazioni SLE Quasi Permanenti.

I prospetti seguenti riportano i valori del taglio (Txz) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 72.I

Taglio (Txz) [daN] - Combinazioni SLE Quasi Permanenti													
Asta	Imp.	Fili	L [cm]	Comb.	Txz <sub>1</sub>	Txz <sub>2</sub>	Txz <sub>3</sub>	Txz <sub>4</sub>	Txz <sub>5</sub>	Txz <sub>6</sub>	Txz <sub>7</sub>	Txz <sub>8</sub>	Txz <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-89	-124	-160	-197	-233	-270	-308	-346	-385
				C.C.2	-89	-124	-160	-197	-233	-270	-308	-346	-385
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	132	83	34	-15	-65	-115	-165	-216	-267
				C.C.2	132	83	34	-15	-65	-115	-165	-216	-267
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	252	202	151	100	50	0	-50	-99	-147
				C.C.2	252	202	151	100	50	0	-50	-99	-147
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	454	415	377	339	302	265	229	193	158
				C.C.2	454	415	377	339	302	265	229	193	158
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-66	-98	-129	-161	-194	-226	-259	-291	-324
				C.C.2	-66	-98	-129	-161	-194	-226	-259	-291	-324

6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	93	61	28	-5	-38	-70	-103	-135	-167
				C.C.2	93	61	28	-5	-38	-70	-103	-135	-167
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-123	-155	-187	-219	-251	-284	-317	-349	-382
				C.C.2	-123	-155	-187	-219	-251	-284	-317	-349	-382
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	107	74	41	9	-24	-57	-89	-122	-154
				C.C.2	107	74	41	9	-24	-57	-89	-122	-154
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	241	210	179	148	117	87	57	27	-3
				C.C.2	241	210	179	148	117	87	57	27	-3
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	310	278	247	217	186	156	126	96	67
				C.C.2	310	278	247	217	186	156	126	96	67
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-46	-90	-134	-179	-225	-271	-318	-365	-414
				C.C.2	-46	-90	-134	-179	-225	-271	-318	-365	-414
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	223	168	113	57	1	-55	-110	-165	-220
				C.C.2	223	168	113	57	1	-55	-110	-165	-220
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	418	370	323	276	230	185	141	96	53
				C.C.2	418	370	323	276	230	185	141	96	53
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	870	652	435	217	0	-218	-435	-653	-870
				C.C.2	870	652	435	217	0	-218	-435	-653	-870
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	715	453	191	-72	-334	-596	-859	-1121	-1383
				C.C.2	715	453	191	-72	-334	-596	-859	-1121	-1383
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	-47	-93	-140	-186	-233	-280	-326	-373
				C.C.2	0	-47	-93	-140	-186	-233	-280	-326	-373
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	106	93	80	66	53	40	27	13	0
				C.C.2	106	93	80	66	53	40	27	13	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	710	448	186	-77	-339	-601	-864	-1126	-1388
				C.C.2	710	448	186	-77	-339	-601	-864	-1126	-1388
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	373	326	280	233	186	140	93	47	0
				C.C.2	373	326	280	233	186	140	93	47	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	106	93	80	66	53	40	27	13	0
				C.C.2	106	93	80	66	53	40	27	13	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	77	-61	-199	-337	-475	-613	-751	-890	-1028
				C.C.2	77	-61	-199	-337	-475	-613	-751	-890	-1028
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	96	-42	-180	-318	-456	-594	-732	-870	-1008
				C.C.2	96	-42	-180	-318	-456	-594	-732	-870	-1008
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	1395	1047	698	350	2	-347	-695	-1044	-1392
				C.C.2	1395	1047	698	350	2	-347	-695	-1044	-1392
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-101	-203	-304	-406	-507	-609	-710	-812
				C.C.2	0	-101	-203	-304	-406	-507	-609	-710	-812
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	812	710	609	507	406	304	203	101	0
				C.C.2	812	710	609	507	406	304	203	101	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	45	45	45	45	45	-	-	-	-
				C.C.2	45	45	45	45	45	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	46	46	46	46	46	-	-	-	-
				C.C.2	46	46	46	46	46	-	-	-	-
28	piano 1	3	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-



			0										
				C.C.1	58	58	58	58	58	-	-	-	-
				C.C.2	58	58	58	58	58	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	58	58	58	58	58	-	-	-	-
				C.C.2	58	58	58	58	58	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-101	-101	-101	-101	-101	-	-	-	-
				C.C.2	-101	-101	-101	-101	-101	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-104	-104	-104	-104	-104	-	-	-	-
				C.C.2	-104	-104	-104	-104	-104	-	-	-	-

#### 4.3.21 Momento Flettente X-Y - Combinazioni SLV.

I prospetti seguenti riportano i valori del momento flettente (Mxy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 73.1

Momento Flettente (Mxy) [daNm] - Combinazioni SLV													
Asta	Imp.	Fili	L [cm]	Comb.	Mxy <sub>1</sub>	Mxy <sub>2</sub>	Mxy <sub>3</sub>	Mxy <sub>4</sub>	Mxy <sub>5</sub>	Mxy <sub>6</sub>	Mxy <sub>7</sub>	Mxy <sub>8</sub>	Mxy <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	-1
				C.C.2	20	18	14	11	7	2	-3	-9	-15
				C.C.3	-19	-17	-14	-11	-7	-2	3	8	14
				C.C.4	33	29	24	18	11	3	-5	-15	-25
				C.C.5	-33	-29	-24	-18	-11	-4	5	14	24
				C.C.6	-4	-2	18	11	6	2	3	4	4
				C.C.7	-26	-21	2	-1	-3	-3	1	6	10
				C.C.8	-11	-6	16	12	7	4	4	3	1
				C.C.9	-33	-25	1	-1	-2	-1	2	4	7
				C.C.10	34	25	-1	1	2	1	-3	-5	-7
				C.C.11	12	6	-16	-12	-7	-4	-4	-3	-2
				C.C.12	26	21	-2	1	3	3	-2	-7	-11
				C.C.13	4	2	-18	-11	-6	-3	-3	-5	-5
				C.C.14	24	18	18	11	5	2	0	3	2
				C.C.15	-10	-12	-7	-9	-9	-7	-3	6	11
				C.C.16	36	26	12	7	4	1	-2	0	-1
				C.C.17	1	-4	-13	-12	-10	-7	-4	3	8
				C.C.18	0	4	13	12	10	7	4	-3	-8
				C.C.19	-35	-26	-12	-7	-4	-1	1	0	1
				C.C.20	11	12	7	9	8	6	2	-6	-12
				C.C.21	-24	-17	-17	-11	-5	-2	0	-3	-3
				C.C. U1	3	2	2	1	1	0	0	-1	-1
				C.C. U2	3	2	2	1	1	0	0	-1	-1
				C.C. U3	4	4	3	2	1	1	0	-1	-1
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	1	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	1	0	0	0	0	0	0	0	0
				C.C. U10	0	0	-1	-1	-1	0	0	0	1
				C.C. U11	0	-1	-1	-1	-1	0	0	0	1
				C.C. U12	-1	-1	-1	-1	-1	-1	0	1	2
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-1	0	0	0	0	0	0	0	0
				C.C.2	-15	-11	-8	-6	-5	-4	-4	-5	-7
				C.C.3	14	10	7	5	4	3	4	5	7
				C.C.4	-25	-18	-13	-10	-7	-6	-7	-9	-12
				C.C.5	24	18	13	9	7	6	7	8	12
				C.C.6	-8	-7	-4	-6	-1	1	3	6	9
				C.C.7	-1	-1	1	-3	2	3	4	6	8
				C.C.8	-11	-5	0	-1	4	5	5	4	2

				C.C.9	-4	1	5	2	7	7	6	4	2
				C.C.10	3	-1	-5	-3	-7	-7	-6	-4	-2
				C.C.11	10	5	0	1	-4	-5	-5	-4	-3
				C.C.12	0	0	-1	2	-2	-3	-4	-6	-9
				C.C.13	7	6	3	6	1	-1	-3	-6	-9
				C.C.14	-2	-8	-10	-12	-10	-7	-3	5	13
				C.C.15	9	1	-2	-6	-6	-4	-1	5	12
				C.C.16	1	-7	-10	-11	-12	-10	-5	2	10
				C.C.17	12	2	-3	-5	-7	-6	-4	2	9
				C.C.18	-13	-3	2	5	7	6	3	-2	-9
				C.C.19	-2	6	10	11	11	9	5	-2	-10
				C.C.20	-9	-1	2	6	5	4	1	-5	-13
				C.C.21	2	8	9	12	10	7	2	-5	-14
				C.C. U1	-1	-1	-1	-1	-1	-1	0	0	0
				C.C. U2	-1	-1	-1	-1	-1	-1	0	0	0
				C.C. U3	-2	-2	-2	-1	-1	-1	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	-1	-1	-1	-1	0	0	0
				C.C. U8	0	0	-1	-1	-1	-1	0	0	0
				C.C. U9	0	0	-1	-1	-1	-1	0	0	0
				C.C. U10	1	0	0	0	-1	0	0	0	1
				C.C. U11	1	0	0	0	-1	0	0	0	1
				C.C. U12	2	1	0	-1	-1	-1	0	0	1
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-7	-5	-4	-4	-4	-5	-8	-10	-14
				C.C.3	7	5	4	3	4	5	7	10	13
				C.C.4	-12	-9	-7	-6	-7	-9	-12	-17	-23
				C.C.5	12	8	6	6	6	8	12	17	23
				C.C.6	-3	-4	-5	-5	-4	-3	0	5	10
				C.C.7	-2	-4	-6	-7	-7	-6	-5	-1	3
				C.C.8	-9	-6	-3	-1	1	2	3	6	7
				C.C.9	-9	-6	-4	-3	-2	-2	-2	0	0
				C.C.10	9	6	4	3	2	1	1	-1	0
				C.C.11	9	6	3	1	-1	-3	-3	-7	-7
				C.C.12	2	4	6	7	7	6	5	1	-4
				C.C.13	2	4	5	5	4	2	0	-5	-11
				C.C.14	9	2	-3	-6	-7	-6	-2	3	13
				C.C.15	10	2	-5	-9	-12	-12	-10	-7	1
				C.C.16	12	5	-1	-4	-5	-5	-2	1	9
				C.C.17	14	5	-2	-7	-10	-11	-10	-8	-2
				C.C.18	-14	-5	2	7	10	10	9	8	1
				C.C.19	-13	-5	1	4	5	4	2	-1	-10
				C.C.20	-10	-2	5	9	11	12	10	6	-2
				C.C.21	-9	-2	3	6	7	6	2	-3	-13
				C.C. U1	0	0	0	0	0	0	0	0	1
				C.C. U2	0	0	0	0	0	0	0	0	1
				C.C. U3	0	0	0	0	0	0	0	1	1
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	-1
				C.C. U7	0	0	0	0	-1	-1	0	0	0
				C.C. U8	0	0	0	0	-1	-1	0	0	0
				C.C. U9	0	0	0	-1	-1	-1	-1	0	0
				C.C. U10	1	0	0	0	-1	0	0	0	1
				C.C. U11	1	0	0	0	0	0	0	0	1
				C.C. U12	1	0	0	-1	-1	-1	0	1	2
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-14	-9	-3	1	5	9	12	15	17
				C.C.3	14	8	3	-2	-6	-9	-12	-15	-17
				C.C.4	-24	-14	-5	2	9	15	20	25	28
				C.C.5	23	14	5	-3	-10	-16	-21	-25	-28
				C.C.6	-2	-3	-4	-4	-8	0	3	7	13
				C.C.7	-8	-5	-3	1	1	12	18	26	34
				C.C.8	-5	-5	-3	-2	-6	0	2	3	5

				C.C.9	-11	-7	-2	3	2	12	17	22	27
				C.C.10	11	7	1	-3	-2	-12	-17	-22	-27
				C.C.11	5	4	3	2	6	0	-2	-4	-6
				C.C.12	7	5	2	-1	-1	-12	-19	-26	-35
				C.C.13	2	3	4	4	7	0	-3	-7	-13
				C.C.14	8	3	-4	-7	-10	-8	-7	-4	1
				C.C.15	-1	0	-2	1	4	11	17	26	35
				C.C.16	12	6	-2	-6	-8	-12	-13	-13	-11
				C.C.17	3	2	0	2	5	7	11	17	23
				C.C.18	-3	-3	0	-2	-6	-7	-12	-17	-24
				C.C.19	-12	-6	2	6	8	12	13	12	11
				C.C.20	1	0	1	-2	-4	-11	-18	-26	-36
				C.C.21	-8	-3	4	7	10	8	7	4	-1
				C.C. U1	0	0	-1	-1	-1	-1	-2	-2	-2
				C.C. U2	0	0	-1	-1	-1	-2	-2	-2	-2
				C.C. U3	1	0	-1	-1	-2	-2	-3	-3	-3
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	-1	0	0	0	0	0	0	1	1
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	-1	0	0	0	0
				C.C. U10	1	0	0	0	-1	-1	-1	-1	-1
				C.C. U11	1	0	0	0	-1	-1	-1	-1	-1
				C.C. U12	2	1	0	-1	-1	-1	-1	-1	-1
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-27	-27	-27	-26	-25	-23	-20	-17	-13
				C.C.3	26	27	26	26	24	22	20	17	13
				C.C.4	-44	-45	-44	-43	-41	-38	-34	-28	-22
				C.C.5	44	44	44	43	41	37	33	28	22
				C.C.6	-22	-15	-10	14	8	6	6	8	9
				C.C.7	-43	-34	-25	1	-2	-1	2	7	11
				C.C.8	-16	-10	-6	17	11	7	6	7	7
				C.C.9	-37	-29	-21	5	1	0	2	6	9
				C.C.10	37	29	21	-5	-1	0	-2	-6	-10
				C.C.11	16	10	5	-18	-11	-7	-6	-7	-7
				C.C.12	43	34	25	-2	1	1	-3	-7	-11
				C.C.13	22	15	9	-14	-8	-6	-7	-8	-9
				C.C.14	-2	0	1	8	5	4	5	4	4
				C.C.15	-36	-30	-24	-13	-10	-7	-1	3	7
				C.C.16	16	13	10	2	3	2	2	0	-2
				C.C.17	-18	-16	-15	-18	-13	-9	-4	-1	2
				C.C.18	17	16	14	18	13	9	4	1	-2
				C.C.19	-16	-13	-10	-2	-3	-3	-3	0	2
				C.C.20	35	29	24	12	10	7	1	-3	-7
				C.C.21	2	0	-1	-8	-6	-4	-5	-4	-4
				C.C. U1	2	2	1	1	1	1	0	0	0
				C.C. U2	2	2	1	1	1	1	0	0	0
				C.C. U3	3	3	3	2	2	1	1	0	0
				C.C. U4	0	0	0	0	0	0	-1	-1	-1
				C.C. U5	0	0	0	0	0	0	-1	-1	-1
				C.C. U6	0	0	0	0	0	-1	-1	-1	-2
				C.C. U7	-1	-1	-1	0	0	0	0	0	0
				C.C. U8	-1	-1	-1	0	0	0	0	0	0
				C.C. U9	-1	-1	-1	-1	-1	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-14	2	17	34	51	69	87	106	125
				C.C.3	14	-2	-18	-34	-51	-69	-87	-106	-126
				C.C.4	-23	3	29	57	85	115	145	176	209
				C.C.5	23	-3	-29	-57	-85	-115	-145	-177	-209
				C.C.6	7	6	8	8	8	8	7	6	-17
				C.C.7	10	10	12	13	14	14	14	14	-8
				C.C.8	5	5	7	8	8	8	8	8	-15

				C.C.9	8	9	11	13	14	15	16	16	-5
				C.C.10	-8	-9	-12	-14	-14	-15	-16	-16	5
				C.C.11	-5	-5	-7	-8	-8	-9	-8	-8	14
				C.C.12	-10	-10	-12	-13	-14	-14	-15	-14	8
				C.C.13	-7	-7	-8	-8	-8	-8	-7	-6	17
				C.C.14	2	1	1	-2	-2	-4	-5	-7	-15
				C.C.15	8	7	8	6	7	7	7	7	0
				C.C.16	-2	-4	-5	-8	-9	-10	-12	-13	-8
				C.C.17	3	3	2	0	0	0	0	0	6
				C.C.18	-3	-3	-2	0	-1	0	0	0	-7
				C.C.19	2	3	5	8	9	10	12	13	8
				C.C.20	-8	-7	-8	-7	-7	-7	-7	-7	0
				C.C.21	-2	-1	-1	2	2	3	5	6	15
				C.C. U1	0	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	-1	-1	-1	-1	-1	-1	-2	-2	-2
				C.C. U4	-1	-1	0	0	0	0	0	0	0
				C.C. U5	-1	-1	0	0	0	0	0	0	1
				C.C. U6	-2	-1	-1	0	0	1	1	1	1
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1	1	0	0	0	0	0	0	0
				C.C.2	25	25	26	26	25	24	22	19	16
				C.C.3	-23	-24	-25	-25	-24	-23	-21	-19	-16
				C.C.4	40	42	43	42	41	39	36	32	27
				C.C.5	-39	-41	-42	-42	-41	-39	-36	-32	-27
				C.C.6	-17	-11	-6	18	11	7	6	8	-12
				C.C.7	-38	-29	-21	5	1	0	2	7	-10
				C.C.8	-23	-16	-10	15	9	5	7	8	-11
				C.C.9	-44	-34	-25	2	-1	-2	3	7	-8
				C.C.10	44	35	26	-2	2	2	-2	-7	8
				C.C.11	24	17	10	-14	-8	-5	-6	-8	11
				C.C.12	39	30	22	-5	-1	1	-2	-7	10
				C.C.13	18	12	7	-17	-10	-6	-6	-8	12
				C.C.14	17	16	14	18	13	8	4	2	-7
				C.C.15	-16	-13	-10	-2	-3	-3	-2	1	-4
				C.C.16	35	29	24	12	10	7	1	-3	-1
				C.C.17	2	1	-1	-8	-5	-4	-5	-4	3
				C.C.18	-2	0	1	8	6	4	5	4	-3
				C.C.19	-35	-29	-23	-12	-10	-7	-1	3	1
				C.C.20	17	14	11	2	3	3	3	0	4
				C.C.21	-16	-15	-14	-18	-13	-8	-4	-2	7
				C.C. U1	3	3	3	2	2	1	1	0	0
				C.C. U2	3	3	3	2	2	1	1	0	0
				C.C. U3	5	5	4	3	3	2	1	0	-1
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	1	1	1	1	1	0	0	0	0
				C.C. U8	1	1	1	1	1	0	0	0	0
				C.C. U9	1	1	1	1	1	0	0	0	0
				C.C. U10	1	1	0	0	0	0	0	0	0
				C.C. U11	1	0	0	0	0	0	0	0	0
				C.C. U12	1	1	0	0	0	0	0	0	0
				C.C. U13	1	1	0	0	0	0	0	0	0
				C.C. U14	1	0	0	0	0	0	0	0	0
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	17	1	-16	-33	-50	-69	-87	-107	-127
				C.C.3	-17	-1	16	33	50	69	88	107	127
				C.C.4	28	2	-26	-54	-84	-114	-146	-178	-212
				C.C.5	-28	-2	26	54	84	114	146	178	212
				C.C.6	6	6	6	8	8	9	9	10	-16
				C.C.7	9	10	11	13	14	16	17	18	-7
				C.C.8	7	7	7	7	8	8	8	8	-19

				C.C.9	11	11	12	13	13	15	15	16	-10
				C.C.10	-11	-11	-12	-13	-13	-15	-15	-16	10
				C.C.11	-7	-7	-7	-7	-8	-8	-8	-8	19
				C.C.12	-9	-10	-11	-13	-14	-16	-17	-18	7
				C.C.13	-6	-6	-6	-8	-8	-9	-9	-10	16
				C.C.14	-3	-3	-2	0	-1	0	0	0	-7
				C.C.15	3	4	5	8	9	10	12	13	7
				C.C.16	-8	-7	-8	-6	-7	-7	-7	-7	1
				C.C.17	-2	-1	0	2	2	3	4	6	15
				C.C.18	2	1	0	-2	-2	-3	-4	-6	-15
				C.C.19	8	7	8	6	7	7	7	7	-1
				C.C.20	-3	-4	-5	-8	-9	-10	-12	-13	-7
				C.C.21	3	3	2	0	1	0	0	0	7
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-1	0	0	0	0	1	1	1	1
				C.C.2	108	70	32	-5	-41	-77	-113	-147	-181
				C.C.3	-109	-70	-32	5	42	78	114	149	184
				C.C.4	181	117	54	-8	-69	-129	-188	-246	-303
				C.C.5	-181	-117	-54	9	70	130	189	248	305
				C.C.6	-13	-10	-8	-5	0	0	2	4	-40
				C.C.7	-40	-29	-18	-7	7	15	25	35	0
				C.C.8	-11	-9	-7	-6	-1	-3	-1	0	-44
				C.C.9	-38	-28	-17	-7	6	12	22	31	-5
				C.C.10	38	27	17	8	-5	-12	-21	-31	6
				C.C.11	11	9	7	6	1	3	2	1	46
				C.C.12	40	28	18	7	-7	-14	-24	-34	1
				C.C.13	13	10	8	5	0	1	-1	-3	41
				C.C.14	10	7	3	1	-2	-6	-10	-13	-31
				C.C.15	-32	-22	-13	-2	9	17	27	37	33
				C.C.16	26	18	11	4	-4	-10	-17	-24	-17
				C.C.17	-17	-11	-5	2	7	14	20	27	46
				C.C.18	16	11	5	-2	-7	-13	-20	-26	-45
				C.C.19	-26	-19	-11	-4	4	10	17	25	18
				C.C.20	32	22	13	2	-8	-17	-26	-36	-32
				C.C.21	-11	-8	-3	-1	2	7	11	14	32
				C.C. U1	2	2	1	0	0	-1	-2	-2	-3
				C.C. U2	3	2	1	0	0	-1	-2	-3	-3
				C.C. U3	4	3	2	0	-1	-2	-3	-5	-6
				C.C. U4	0	0	0	0	1	1	1	1	1
				C.C. U5	0	0	0	1	1	1	1	1	1
				C.C. U6	0	0	0	1	1	1	1	1	2
				C.C. U7	-1	0	0	0	0	0	0	0	1
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	1	1	1
				C.C. U11	0	0	0	0	0	0	0	1	1
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	1	1	1	1
				C.C. U14	0	0	0	0	0	1	1	1	1
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	1	1	0	0	0	-1	-1	-2	-2
				C.C.2	-110	-71	-33	4	41	77	113	147	182
				C.C.3	112	72	34	-4	-42	-79	-115	-151	-186
				C.C.4	-184	-119	-56	7	68	129	189	247	305
				C.C.5	185	120	56	-7	-69	-130	-190	-249	-308
				C.C.6	-10	-8	-7	7	-1	-3	-3	-2	-45
				C.C.7	-37	-27	-17	5	5	11	21	30	-5
				C.C.8	-12	-9	-7	8	0	-2	0	1	-41

				C.C.9	-39	-28	-17	6	7	13	23	33	-1
				C.C.10	40	28	17	-6	-7	-14	-24	-34	-1
				C.C.11	13	10	7	-8	0	1	-1	-3	39
				C.C.12	38	28	18	-5	-6	-12	-22	-31	3
				C.C.13	11	9	7	-7	1	3	1	0	43
				C.C.14	17	11	4	2	-7	-14	-20	-26	-45
				C.C.15	-26	-19	-13	-1	4	10	17	24	18
				C.C.16	32	22	11	-2	-8	-17	-26	-36	-32
				C.C.17	-11	-8	-5	-5	2	7	11	14	31
				C.C.18	12	8	6	4	-2	-8	-12	-16	-33
				C.C.19	-31	-21	-11	1	8	16	25	34	30
				C.C.20	27	19	13	1	-4	-11	-18	-26	-20
				C.C.21	-16	-10	-3	-2	6	13	19	24	43
				C.C. U1	4	3	1	0	-1	-3	-4	-6	-7
				C.C. U2	4	3	1	0	-1	-3	-4	-5	-7
				C.C. U3	6	4	2	0	-2	-4	-6	-8	-10
				C.C. U4	1	0	0	0	0	-1	-1	-1	-1
				C.C. U5	1	0	0	0	0	-1	-1	-1	-1
				C.C. U6	0	0	0	0	0	0	-1	-1	-1
				C.C. U7	1	1	0	0	0	0	-1	-1	-1
				C.C. U8	1	1	0	0	0	0	-1	-1	-1
				C.C. U9	1	1	0	0	0	0	0	0	-1
				C.C. U10	1	1	0	0	0	-1	-1	-1	-2
				C.C. U11	1	1	0	0	0	-1	-1	-1	-1
				C.C. U12	1	1	0	0	0	0	-1	-1	-1
				C.C. U13	1	1	0	0	0	-1	-1	-2	-2
				C.C. U14	1	1	0	0	0	-1	-1	-1	-2
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-3	-2	-2	-1	-1	0	0	1	1
				C.C.2	31	19	8	-2	-12	-21	-29	-37	-44
				C.C.3	-36	-24	-12	0	10	20	30	39	47
				C.C.4	54	34	16	-2	-19	-34	-49	-62	-74
				C.C.5	-58	-37	-18	1	18	34	49	63	76
				C.C.6	-3	-2	0	-2	0	3	5	6	14
				C.C.7	-32	-26	-19	-15	-9	1	8	14	29
				C.C.8	-17	-10	-5	2	3	7	9	11	6
				C.C.9	-46	-34	-24	-12	-5	5	12	20	20
				C.C.10	44	32	22	11	5	-5	-11	-19	-19
				C.C.11	15	8	4	-3	-3	-7	-8	-10	-5
				C.C.12	29	24	17	14	8	-1	-7	-13	-27
				C.C.13	0	0	-2	1	0	-3	-5	-5	-13
				C.C.14	39	27	20	2	0	-3	-6	-11	8
				C.C.15	-7	-11	-10	-19	-13	-7	-1	2	31
				C.C.16	53	37	26	6	2	-6	-11	-19	-2
				C.C.17	7	-1	-4	-16	-11	-10	-6	-5	21
				C.C.18	-9	-1	2	15	11	10	7	6	-19
				C.C.19	-55	-39	-28	-7	-2	6	11	20	3
				C.C.20	5	9	9	18	12	7	2	-1	-29
				C.C.21	-41	-29	-21	-3	-1	3	6	12	-7
				C.C. U1	1	1	1	0	0	0	0	0	0
				C.C. U2	1	1	1	1	0	0	0	0	0
				C.C. U3	4	3	2	2	1	0	0	-1	-1
				C.C. U4	-4	-3	-2	-2	-1	0	0	1	2
				C.C. U5	-3	-3	-2	-1	-1	0	0	1	2
				C.C. U6	-4	-3	-2	-2	-1	0	0	1	2
				C.C. U7	-1	-1	0	0	0	0	0	0	-1
				C.C. U8	-1	0	0	0	0	0	0	-1	-1
				C.C. U9	0	1	1	1	1	0	0	-1	-3
				C.C. U10	-3	-2	-2	-1	0	0	1	1	1
				C.C. U11	-3	-2	-1	-1	0	0	1	1	1
				C.C. U12	-3	-2	-1	-1	0	0	1	1	1
				C.C. U13	-3	-2	-2	-1	-1	0	0	1	1
				C.C. U14	-2	-2	-1	-1	0	0	0	1	1
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	35	31	29	28	27	28	29	31	34
				C.C.3	-34	-31	-29	-27	-27	-27	-28	-30	-33
				C.C.4	57	52	48	46	45	46	48	51	56
				C.C.5	-57	-52	-48	-46	-45	-45	-47	-51	-56
				C.C.6	-10	-9	-9	-6	-3	1	5	12	18
				C.C.7	-6	-6	-7	-5	-3	0	4	9	14
				C.C.8	-17	-11	-5	0	4	7	9	10	11

				C.C.9	-13	-8	-3	1	4	6	7	7	7
				C.C.10	13	9	3	-1	-4	-6	-7	-6	-7
				C.C.11	17	12	5	0	-4	-7	-9	-9	-11
				C.C.12	6	6	7	6	3	1	-3	-9	-13
				C.C.13	10	9	9	7	3	0	-5	-12	-17
				C.C.14	5	-1	-9	-12	-12	-9	-3	10	19
				C.C.15	11	4	-6	-10	-12	-10	-6	5	12
				C.C.16	12	5	-6	-10	-12	-11	-7	4	11
				C.C.17	19	9	-3	-9	-12	-12	-10	-1	5
				C.C.18	-18	-9	3	9	12	12	10	1	-4
				C.C.19	-12	-4	6	11	12	11	7	-4	-11
				C.C.20	-11	-4	7	11	12	10	6	-5	-12
				C.C.21	-5	1	10	12	12	9	3	-9	-18
				C.C. U1	0	0	0	0	0	0	0	1	1
				C.C. U2	0	0	0	0	0	0	0	1	1
				C.C. U3	-1	-1	-1	0	0	0	1	1	2
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	-1	0	0	0	0	0	0	0	-1
				C.C. U8	-1	0	0	0	0	0	0	0	-1
				C.C. U9	-2	-1	0	0	1	0	0	-1	-2
				C.C. U10	0	0	0	1	1	1	1	0	0
				C.C. U11	0	0	0	1	1	1	1	0	0
				C.C. U12	0	0	1	1	1	1	1	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	2	1	1	0	-1	-1	-2	-3	-3
				C.C.2	-43	-36	-29	-20	-12	-2	8	18	30
				C.C.3	46	38	30	20	10	0	-12	-24	-36
				C.C.4	-73	-61	-48	-34	-19	-3	15	33	52
				C.C.5	76	63	49	34	18	1	-17	-37	-57
				C.C.6	-5	-10	-9	-8	-4	-3	3	7	14
				C.C.7	-19	-19	-11	-5	4	10	22	31	43
				C.C.8	-13	-5	-5	-4	-1	0	-3	-1	-1
				C.C.9	-27	-13	-8	-1	8	14	16	22	28
				C.C.10	29	15	8	1	-8	-15	-18	-25	-31
				C.C.11	15	6	5	4	0	-2	0	-1	-2
				C.C.12	21	20	12	5	-5	-11	-24	-34	-46
				C.C.13	6	12	9	8	3	2	-5	-10	-17
				C.C.14	21	-5	-6	-10	-11	-16	-3	-1	7
				C.C.15	-1	-19	-11	-6	2	5	27	37	53
				C.C.16	31	2	-1	-7	-13	-20	-10	-10	-6
				C.C.17	9	-11	-6	-3	0	2	20	28	39
				C.C.18	-7	13	6	3	-1	-3	-22	-30	-43
				C.C.19	-29	-1	2	7	12	18	8	8	3
				C.C.20	3	20	11	6	-2	-7	-29	-40	-56
				C.C.21	-19	7	7	10	11	15	1	-2	-11
				C.C. U1	3	2	1	-1	-2	-3	-4	-5	-6
				C.C. U2	3	2	1	-1	-2	-3	-4	-5	-6
				C.C. U3	4	2	1	-1	-2	-4	-5	-6	-7
				C.C. U4	2	1	1	0	-1	-1	-2	-2	-3
				C.C. U5	1	1	1	0	-1	-1	-2	-2	-3
				C.C. U6	1	1	1	0	0	-1	-1	-2	-2
				C.C. U7	-1	0	0	0	0	0	0	-1	-2
				C.C. U8	-1	0	0	0	0	0	0	-1	-1
				C.C. U9	-2	-1	0	0	1	1	1	0	0
				C.C. U10	2	1	1	0	0	-1	-2	-3	-4
				C.C. U11	2	1	1	0	0	-1	-2	-3	-3
				C.C. U12	2	1	1	0	0	-1	-2	-3	-4
				C.C. U13	2	1	1	0	-1	-1	-2	-3	-3
				C.C. U14	2	1	0	0	-1	-1	-2	-2	-3
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-3	-3	-3	-2	-2	-2	-1	-1	0
				C.C.2	-12	-12	-12	-11	-11	-11	-10	-10	-9
				C.C.3	5	6	6	7	7	7	8	8	9
				C.C.4	-18	-18	-17	-17	-17	-16	-16	-16	-15
				C.C.5	12	12	13	13	13	13	14	14	14
				C.C.6	1	0	0	-1	-1	-2	-2	-3	-3
				C.C.7	4	3	1	0	-1	-3	-4	-5	-6

				C.C.8	1	0	0	-1	-1	-2	-2	-3	-3
				C.C.9	4	3	1	0	-1	-3	-4	-5	-6
				C.C.10	-8	-6	-5	-3	-1	1	2	4	6
				C.C.11	-5	-4	-3	-2	-1	0	1	2	3
				C.C.12	-8	-6	-5	-3	-1	1	2	4	6
				C.C.13	-5	-4	-3	-2	-1	0	1	2	3
				C.C.14	-3	-3	-2	-2	-1	-1	0	0	1
				C.C.15	2	1	0	0	-1	-2	-3	-3	-4
				C.C.16	-6	-5	-4	-2	-1	0	1	2	3
				C.C.17	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.18	-3	-3	-2	-2	-1	-1	0	0	1
				C.C.19	2	1	0	0	-1	-2	-3	-3	-4
				C.C.20	-6	-5	-4	-2	-1	0	1	2	4
				C.C.21	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U1	-4	-4	-3	-3	-2	-2	-1	-1	0
				C.C. U2	-4	-4	-3	-3	-3	-2	-2	-1	-1
				C.C. U3	-4	-4	-3	-3	-2	-2	-1	-1	0
				C.C. U4	-4	-3	-3	-3	-2	-2	-2	-1	-1
				C.C. U5	-4	-4	-3	-3	-3	-2	-2	-1	-1
				C.C. U6	-4	-3	-3	-3	-2	-2	-2	-1	-1
				C.C. U7	-4	-3	-3	-3	-2	-2	-2	-1	-1
				C.C. U8	-4	-4	-3	-3	-3	-2	-2	-1	-1
				C.C. U9	-4	-3	-3	-3	-2	-2	-1	-1	-1
				C.C. U10	13	2	-5	-9	-10	-9	-4	4	16
				C.C. U11	12	2	-5	-10	-11	-9	-4	4	15
				C.C. U12	24	6	-6	-14	-16	-13	-5	8	26
				C.C. U13	-4	-3	-3	-3	-2	-2	-2	-1	-1
				C.C. U14	-4	-4	-3	-3	-3	-2	-2	-1	-1
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	6	5	4	3	2	2	1	0	-1
				C.C.2	15	13	10	8	6	4	2	-1	-3
				C.C.3	-4	-3	-2	-2	-1	0	0	1	2
				C.C.4	20	17	14	11	8	5	1	-2	-5
				C.C.5	-11	-9	-7	-6	-4	-3	-1	1	2
				C.C.6	275	207	138	70	1	-67	-136	-204	-273
				C.C.7	266	200	134	67	1	-65	-131	-197	-263
				C.C.8	289	217	145	73	1	-71	-143	-214	-286
				C.C.9	280	210	140	71	1	-68	-138	-207	-277
				C.C.10	-273	-204	-136	-67	1	70	138	207	276
				C.C.11	-282	-212	-141	-70	1	72	143	214	285
				C.C.12	-259	-194	-129	-64	1	66	132	197	262
				C.C.13	-269	-201	-134	-66	1	69	136	204	271
				C.C.14	70	53	36	19	1	-16	-33	-50	-68
				C.C.15	55	42	28	15	1	-12	-26	-39	-53
				C.C.16	-94	-70	-46	-23	1	25	49	73	97
				C.C.17	-109	-82	-54	-26	1	29	57	84	112
				C.C.18	116	87	59	30	1	-27	-56	-85	-113
				C.C.19	101	76	51	26	1	-24	-48	-73	-98
				C.C.20	-49	-36	-24	-11	1	14	26	39	51
				C.C.21	-64	-47	-31	-15	1	18	34	50	66
				C.C. U1	5	5	4	3	2	1	1	0	-1
				C.C. U2	6	5	4	3	2	1	0	-1	-2
				C.C. U3	5	4	3	3	2	1	1	0	-1
				C.C. U4	2	3	3	3	3	2	2	0	-1
				C.C. U5	2	3	3	3	2	2	1	-1	-2
				C.C. U6	-1	1	2	3	3	3	2	1	0
				C.C. U7	5	4	4	3	2	1	1	0	-1
				C.C. U8	6	5	4	3	2	1	0	-1	-2
				C.C. U9	5	4	3	3	2	1	1	0	-1
				C.C. U10	7	6	4	3	2	1	0	-1	-3
				C.C. U11	7	6	4	3	2	0	-1	-2	-4
				C.C. U12	7	6	4	3	2	1	-1	-2	-3
				C.C. U13	6	5	4	3	2	1	0	-1	-2
				C.C. U14	6	5	4	3	2	0	-1	-2	-3
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-200	-150	-100	-50	0	50	100	150	200



				C.C.7	-234	-175	-117	-58	0	58	117	175	234
				C.C.8	132	99	66	33	0	-33	-66	-99	-132
				C.C.9	98	74	49	25	0	-25	-49	-74	-98
				C.C.10	-98	-74	-49	-25	0	25	49	74	98
				C.C.11	-132	-99	-66	-33	0	33	66	99	132
				C.C.12	234	175	117	58	0	-58	-117	-175	-234
				C.C.13	200	150	100	50	0	-50	-100	-150	-200
				C.C.14	-543	-407	-271	-136	0	136	271	407	543
				C.C.15	-596	-447	-298	-149	0	149	298	447	596
				C.C.16	-512	-384	-256	-128	0	128	256	384	512
				C.C.17	-565	-424	-283	-141	0	141	283	424	565
				C.C.18	565	424	283	141	0	-141	-283	-424	-565
				C.C.19	512	384	256	128	0	-128	-256	-384	-512
				C.C.20	596	447	298	149	0	-149	-298	-447	-596
				C.C.21	543	407	271	136	0	-136	-271	-407	-543
				C.C. U1	-13	-10	-7	-3	0	3	7	10	13
				C.C. U2	-13	-10	-7	-3	0	3	7	10	13
				C.C. U3	-22	-16	-11	-5	0	5	11	16	22
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	-1	0	0	0	0	0	0	0	1
				C.C. U7	-39	-30	-20	-10	0	10	20	30	39
				C.C. U8	-39	-30	-20	-10	0	10	20	30	39
				C.C. U9	-66	-49	-33	-16	0	16	33	49	66
				C.C. U10	20	15	10	5	0	-5	-10	-15	-20
				C.C. U11	20	15	10	5	0	-5	-10	-15	-20
				C.C. U12	34	25	17	8	0	-8	-17	-25	-34
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	3309	2482	1655	827	0	-827	-1655	-2482	-3309
				C.C.7	3036	2277	1518	759	0	-759	-1518	-2277	-3036
				C.C.8	3373	2530	1686	843	0	-843	-1686	-2530	-3373
				C.C.9	3100	2325	1550	775	0	-775	-1550	-2325	-3100
				C.C.10	-3100	-2325	-1550	-775	0	775	1550	2325	3100
				C.C.11	-3373	-2530	-1686	-843	0	843	1686	2530	3373
				C.C.12	-3036	-2277	-1518	-759	0	759	1518	2277	3036
				C.C.13	-3309	-2482	-1655	-827	0	827	1655	2482	3309
				C.C.14	1072	804	536	268	0	-268	-536	-804	-1072
				C.C.15	639	479	320	160	0	-160	-320	-479	-639
				C.C.16	-851	-638	-425	-213	0	213	425	638	851
				C.C.17	-1284	-963	-642	-321	0	321	642	963	1284
				C.C.18	1284	963	642	321	0	-321	-642	-963	-1284
				C.C.19	851	638	425	213	0	-213	-425	-638	-851
				C.C.20	-639	-479	-320	-160	0	160	320	479	639
				C.C.21	-1072	-804	-536	-268	0	268	536	804	1072
				C.C. U1	12	9	6	3	0	-3	-6	-9	-12
				C.C. U2	12	9	6	3	0	-3	-6	-9	-12
				C.C. U3	21	16	10	5	0	-5	-10	-16	-21
				C.C. U4	-37	-28	-18	-9	0	9	18	28	37
				C.C. U5	-37	-28	-18	-9	0	9	18	28	37
				C.C. U6	-61	-46	-31	-15	0	15	31	46	61
				C.C. U7	-5	-4	-3	-1	0	1	3	4	5
				C.C. U8	-5	-4	-3	-1	0	1	3	4	5
				C.C. U9	-9	-7	-4	-2	0	2	4	7	9
				C.C. U10	5	4	2	1	0	-1	-2	-4	-5
				C.C. U11	5	4	2	1	0	-1	-2	-4	-5
				C.C. U12	8	6	4	2	0	-2	-4	-6	-8
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-3	-3	-3	-2	-2	-1	-1	0	0
				C.C.2	-13	-11	-9	-7	-5	-3	-1	1	3
				C.C.3	6	5	4	3	2	1	0	-1	-2
				C.C.4	-18	-15	-13	-10	-7	-4	-1	2	5
				C.C.5	12	11	9	7	5	3	1	-1	-3

				C.C.6	284	212	141	70	-1	-72	-143	-214	-285
				C.C.7	274	205	137	68	-1	-69	-138	-207	-276
				C.C.8	271	203	135	67	-1	-69	-136	-204	-272
				C.C.9	261	196	130	65	-1	-66	-132	-197	-263
				C.C.10	-265	-199	-133	-67	-1	65	131	197	264
				C.C.11	-275	-206	-138	-69	-1	68	136	205	273
				C.C.12	-278	-209	-139	-70	-1	69	138	207	277
				C.C.13	-288	-216	-144	-72	-1	71	143	214	286
				C.C.14	110	82	54	27	-1	-28	-56	-84	-111
				C.C.15	94	71	47	23	-1	-25	-48	-72	-96
				C.C.16	-55	-42	-28	-14	-1	13	26	40	54
				C.C.17	-70	-53	-35	-18	-1	17	34	51	69
				C.C.18	66	49	33	16	-1	-17	-34	-51	-68
				C.C.19	51	38	25	12	-1	-14	-27	-40	-53
				C.C.20	-99	-74	-50	-25	-1	24	48	73	97
				C.C.21	-114	-85	-57	-29	-1	27	56	84	112
				C.C. U1	-4	-3	-3	-2	-1	-1	0	1	1
				C.C. U2	-4	-3	-3	-2	-1	0	1	2	3
				C.C. U3	-4	-3	-2	-2	-1	0	0	1	2
				C.C. U4	-10	-8	-6	-3	-1	1	3	5	7
				C.C. U5	-10	-8	-5	-3	-1	2	4	6	9
				C.C. U6	-14	-10	-7	-4	-1	2	5	8	12
				C.C. U7	-3	-3	-2	-2	-1	-1	0	0	1
				C.C. U8	-4	-3	-2	-1	-1	0	1	1	2
				C.C. U9	-3	-2	-2	-1	-1	-1	0	0	0
				C.C. U10	-5	-4	-3	-2	-1	0	1	1	2
				C.C. U11	-5	-4	-3	-2	-1	0	1	2	4
				C.C. U12	-5	-4	-3	-2	-1	0	1	2	3
				C.C. U13	-4	-3	-3	-2	-1	-1	0	1	2
				C.C. U14	-4	-3	-3	-2	-1	0	1	2	3
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	134	100	67	33	0	-33	-67	-100	-134
				C.C.7	100	75	50	25	0	-25	-50	-75	-100
				C.C.8	-198	-149	-99	-50	0	50	99	149	198
				C.C.9	-232	-174	-116	-58	0	58	116	174	232
				C.C.10	232	174	116	58	0	-58	-116	-174	-232
				C.C.11	198	149	99	50	0	-50	-99	-149	-198
				C.C.12	-100	-75	-50	-25	0	25	50	75	100
				C.C.13	-134	-100	-67	-33	0	33	67	100	134
				C.C.14	565	424	283	141	0	-141	-283	-424	-565
				C.C.15	512	384	256	128	0	-128	-256	-384	-512
				C.C.16	595	446	297	149	0	-149	-297	-446	-595
				C.C.17	541	406	271	135	0	-135	-271	-406	-541
				C.C.18	-541	-406	-271	-135	0	135	271	406	541
				C.C.19	-595	-446	-297	-149	0	149	297	446	595
				C.C.20	-512	-384	-256	-128	0	128	256	384	512
				C.C.21	-565	-424	-283	-141	0	141	283	424	565
				C.C. U1	20	15	10	5	0	-5	-10	-15	-20
				C.C. U2	20	15	10	5	0	-5	-10	-15	-20
				C.C. U3	33	25	17	8	0	-8	-17	-25	-33
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	-1	-1	0	0	0	0	0	1	1
				C.C. U7	39	30	20	10	0	-10	-20	-30	-39
				C.C. U8	39	30	20	10	0	-10	-20	-30	-39
				C.C. U9	66	49	33	16	0	-16	-33	-49	-66
				C.C. U10	-20	-15	-10	-5	0	5	10	15	20
				C.C. U11	-20	-15	-10	-5	0	5	10	15	20
				C.C. U12	-34	-25	-17	-8	0	8	17	25	34
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0

				C.C.6	3371	2528	1685	843	0	-843	-1685	-2528	-3371
				C.C.7	3098	2323	1549	774	0	-774	-1549	-2323	-3098
				C.C.8	3315	2486	1657	829	0	-829	-1657	-2486	-3315
				C.C.9	3042	2281	1521	760	0	-760	-1521	-2281	-3042
				C.C.10	-3042	-2281	-1521	-760	0	760	1521	2281	3042
				C.C.11	-3315	-2486	-1657	-829	0	829	1657	2486	3315
				C.C.12	-3098	-2323	-1549	-774	0	774	1549	2323	3098
				C.C.13	-3371	-2528	-1685	-843	0	843	1685	2528	3371
				C.C.14	1272	954	636	318	0	-318	-636	-954	-1272
				C.C.15	839	629	419	210	0	-210	-419	-629	-839
				C.C.16	-652	-489	-326	-163	0	163	326	489	652
				C.C.17	-1085	-814	-542	-271	0	271	542	814	1085
				C.C.18	1085	814	542	271	0	-271	-542	-814	-1085
				C.C.19	652	489	326	163	0	-163	-326	-489	-652
				C.C.20	-839	-629	-419	-210	0	210	419	629	839
				C.C.21	-1272	-954	-636	-318	0	318	636	954	1272
				C.C. U1	18	13	9	4	0	-4	-9	-13	-18
				C.C. U2	18	13	9	4	0	-4	-9	-13	-18
				C.C. U3	29	22	15	7	0	-7	-15	-22	-29
				C.C. U4	-81	-61	-41	-20	0	20	41	61	81
				C.C. U5	-81	-61	-41	-20	0	20	41	61	81
				C.C. U6	-135	-101	-68	-34	0	34	68	101	135
				C.C. U7	5	4	3	1	0	-1	-3	-4	-5
				C.C. U8	5	4	3	1	0	-1	-3	-4	-5
				C.C. U9	9	7	4	2	0	-2	-4	-7	-9
				C.C. U10	-5	-4	-2	-1	0	1	2	4	5
				C.C. U11	-5	-4	-2	-1	0	1	2	4	5
				C.C. U12	-8	-6	-4	-2	0	2	4	6	8
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-4	-7	-9	-12	-14	-17	-19	-22	-24
				C.C.2	-11	-14	-17	-20	-23	-27	-30	-33	-36
				C.C.3	2	0	-2	-4	-5	-7	-9	-11	-13
				C.C.4	-14	-17	-20	-23	-25	-28	-31	-34	-37
				C.C.5	7	6	6	5	5	4	4	3	2
				C.C.6	-782	-588	-395	-201	-7	186	380	574	767
				C.C.7	-752	-566	-380	-194	-7	179	365	551	737
				C.C.8	-800	-602	-403	-205	-7	191	389	587	785
				C.C.9	-769	-579	-388	-198	-7	183	374	564	755
				C.C.10	764	571	378	186	-7	-200	-393	-586	-779
				C.C.11	794	594	394	193	-7	-208	-408	-609	-809
				C.C.12	747	558	370	181	-7	-196	-385	-573	-762
				C.C.13	777	581	385	189	-7	-204	-400	-596	-792
				C.C.14	-229	-174	-118	-63	-7	48	104	159	215
				C.C.15	-182	-138	-95	-51	-7	36	80	123	167
				C.C.16	235	174	114	53	-7	-68	-128	-189	-249
				C.C.17	282	210	137	65	-7	-80	-152	-225	-297
				C.C.18	-287	-217	-147	-77	-7	63	132	202	272
				C.C.19	-240	-182	-124	-65	-7	51	109	167	225
				C.C.20	177	131	85	39	-7	-53	-100	-146	-192
				C.C.21	224	166	108	51	-7	-65	-123	-181	-239
				C.C. U1	-4	-7	-9	-12	-14	-17	-20	-22	-25
				C.C. U2	-5	-7	-9	-11	-13	-15	-17	-19	-21
				C.C. U3	-4	-6	-8	-11	-13	-16	-18	-20	-23
				C.C. U4	-1	-4	-7	-11	-14	-18	-22	-25	-29
				C.C. U5	-1	-4	-7	-10	-13	-16	-19	-23	-26
				C.C. U6	3	-1	-5	-9	-13	-17	-21	-26	-30
				C.C. U7	-4	-7	-9	-12	-14	-17	-19	-22	-24
				C.C. U8	-5	-7	-9	-11	-13	-15	-17	-19	-21
				C.C. U9	-4	-6	-9	-11	-13	-16	-18	-20	-23
				C.C. U10	-6	-8	-10	-12	-14	-17	-19	-21	-23
				C.C. U11	-7	-9	-10	-12	-13	-15	-16	-18	-20
				C.C. U12	-7	-8	-10	-12	-13	-15	-17	-18	-20
				C.C. U13	-5	-8	-10	-12	-14	-17	-19	-21	-24
				C.C. U14	-6	-8	-10	-12	-13	-15	-17	-19	-21
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	3	5	8	10	13	15	18	20	23
				C.C.2	9	12	15	19	22	25	28	31	34
				C.C.3	-3	-2	0	2	4	5	7	9	11
				C.C.4	13	16	19	21	24	27	29	32	35
				C.C.5	-8	-7	-7	-7	-6	-6	-5	-5	-4

				C.C.6	-795	-595	-394	-194	6	207	407	608	808
				C.C.7	-765	-572	-379	-186	6	199	392	585	778
				C.C.8	-780	-583	-387	-190	6	203	399	596	792
				C.C.9	-749	-560	-372	-183	6	195	384	573	762
				C.C.10	753	566	380	193	6	-180	-367	-553	-740
				C.C.11	783	589	395	200	6	-188	-382	-576	-770
				C.C.12	768	578	387	197	6	-184	-375	-565	-756
				C.C.13	798	600	402	204	6	-192	-390	-588	-786
				C.C.14	-281	-209	-137	-65	6	78	150	222	293
				C.C.15	-233	-173	-113	-53	6	66	126	186	246
				C.C.16	184	139	95	51	6	-38	-82	-127	-171
				C.C.17	232	175	119	63	6	-50	-106	-162	-219
				C.C.18	-228	-170	-111	-52	6	65	124	182	241
				C.C.19	-181	-134	-87	-40	6	53	100	147	193
				C.C.20	236	179	121	64	6	-51	-108	-166	-223
				C.C.21	284	214	145	76	6	-63	-132	-202	-271
				C.C. U1	4	6	8	11	13	15	17	19	22
				C.C. U2	5	6	8	10	12	13	15	17	19
				C.C. U3	4	6	8	10	12	14	16	17	19
				C.C. U4	20	18	16	15	13	11	9	7	5
				C.C. U5	21	19	16	14	12	9	7	5	2
				C.C. U6	31	26	21	16	12	7	2	-3	-8
				C.C. U7	3	5	8	10	13	15	18	20	23
				C.C. U8	4	6	8	10	12	14	16	18	19
				C.C. U9	2	5	7	9	12	14	16	19	21
				C.C. U10	5	7	9	11	13	15	17	19	21
				C.C. U11	6	7	9	10	12	13	15	16	18
				C.C. U12	5	7	8	10	12	13	15	16	18
				C.C. U13	4	6	8	10	13	15	17	19	22
				C.C. U14	5	6	8	10	12	13	15	17	19
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	4	5	5	6	6	7	7	8	8
				C.C.2	-4	-4	-3	-3	-2	-1	-1	0	0
				C.C.3	12	13	13	14	14	15	15	16	16
				C.C.4	-11	-11	-10	-10	-10	-9	-9	-8	-8
				C.C.5	16	16	17	17	18	18	19	19	19
				C.C.6	-55	-40	-26	-12	3	17	32	46	61
				C.C.7	-42	-31	-20	-8	3	14	25	37	48
				C.C.8	-55	-41	-26	-12	3	17	32	46	61
				C.C.9	-42	-31	-20	-8	3	14	25	37	48
				C.C.10	46	35	24	14	3	-8	-19	-29	-40
				C.C.11	58	44	30	17	3	-11	-25	-39	-52
				C.C.12	45	35	24	13	3	-8	-18	-29	-40
				C.C.13	58	44	30	17	3	-11	-25	-39	-52
				C.C.14	-23	-17	-10	-4	3	9	16	22	29
				C.C.15	-3	-2	0	1	3	4	6	7	9
				C.C.16	7	6	5	4	3	2	1	0	-1
				C.C.17	27	21	15	9	3	-3	-9	-15	-21
				C.C.18	-24	-17	-10	-4	3	9	16	23	29
				C.C.19	-4	-2	0	1	3	4	6	8	9
				C.C.20	6	6	5	4	3	2	1	0	-1
				C.C.21	27	21	15	9	3	-3	-9	-15	-21
				C.C. U1	3	4	5	5	6	7	8	9	10
				C.C. U2	3	3	4	5	6	7	7	8	9
				C.C. U3	2	3	4	5	6	7	8	9	10
				C.C. U4	5	5	6	6	6	7	7	7	7
				C.C. U5	5	5	5	6	6	6	6	7	7
				C.C. U6	5	5	5	6	6	6	6	6	6
				C.C. U7	-8	1	7	11	12	12	9	4	-3
				C.C. U8	-8	0	6	10	12	11	8	3	-4
				C.C. U9	-16	-3	7	13	15	14	9	0	-12
				C.C. U10	4	5	5	6	6	7	7	8	8
				C.C. U11	4	4	5	5	6	6	7	7	8
				C.C. U12	4	4	5	5	6	6	7	7	8
				C.C. U13	4	5	5	6	6	7	7	8	8
				C.C. U14	4	4	5	5	6	6	7	7	8
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0

				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-24	-18	-12	-6	0	6	12	18	24
				C.C.7	-99	-74	-49	-25	0	25	49	74	99
				C.C.8	686	514	343	171	0	-171	-343	-514	-686
				C.C.9	611	458	306	153	0	-153	-306	-458	-611
				C.C.10	-611	-458	-306	-153	0	153	306	458	611
				C.C.11	-686	-514	-343	-171	0	171	343	514	686
				C.C.12	99	74	49	25	0	-25	-49	-74	-99
				C.C.13	24	18	12	6	0	-6	-12	-18	-24
				C.C.14	-1036	-777	-518	-259	0	259	518	777	1036
				C.C.15	-1154	-866	-577	-289	0	289	577	866	1154
				C.C.16	-1212	-909	-606	-303	0	303	606	909	1212
				C.C.17	-1331	-998	-665	-333	0	333	665	998	1331
				C.C.18	1331	998	665	333	0	-333	-665	-998	-1331
				C.C.19	1212	909	606	303	0	-303	-606	-909	-1212
				C.C.20	1154	866	577	289	0	-289	-577	-866	-1154
				C.C.21	1036	777	518	259	0	-259	-518	-777	-1036
				C.C. U1	-23	-17	-12	-6	0	6	12	17	23
				C.C. U2	-23	-17	-12	-6	0	6	12	17	23
				C.C. U3	-39	-29	-19	-10	0	10	19	29	39
				C.C. U4	-5	-4	-3	-1	0	1	3	4	5
				C.C. U5	-5	-4	-3	-1	0	1	3	4	5
				C.C. U6	-9	-6	-4	-2	0	2	4	6	9
				C.C. U7	-55	-42	-28	-14	0	14	28	42	55
				C.C. U8	-55	-42	-28	-14	0	14	28	42	55
				C.C. U9	-92	-69	-46	-23	0	23	46	69	92
				C.C. U10	51	39	26	13	0	-13	-26	-39	-51
				C.C. U11	51	39	26	13	0	-13	-26	-39	-51
				C.C. U12	86	64	43	21	0	-21	-43	-64	-86
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
<b>25</b>	<b>piano 1</b>	<b>6, 10</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	690	518	345	173	0	-173	-345	-518	-690
				C.C.7	616	462	308	154	0	-154	-308	-462	-616
				C.C.8	-19	-14	-9	-5	0	5	9	14	19
				C.C.9	-93	-70	-47	-23	0	23	47	70	93
				C.C.10	93	70	47	23	0	-23	-47	-70	-93
				C.C.11	19	14	9	5	0	-5	-9	-14	-19
				C.C.12	-616	-462	-308	-154	0	154	308	462	616
				C.C.13	-690	-518	-345	-173	0	173	345	518	690
				C.C.14	1330	998	665	333	0	-333	-665	-998	-1330
				C.C.15	1213	910	606	303	0	-303	-606	-910	-1213
				C.C.16	1151	863	576	288	0	-288	-576	-863	-1151
				C.C.17	1034	775	517	258	0	-258	-517	-775	-1034
				C.C.18	-1034	-775	-517	-258	0	258	517	775	1034
				C.C.19	-1151	-863	-576	-288	0	288	576	863	1151
				C.C.20	-1213	-910	-606	-303	0	303	606	910	1213
				C.C.21	-1330	-998	-665	-333	0	333	665	998	1330
				C.C. U1	37	28	18	9	0	-9	-18	-28	-37
				C.C. U2	37	28	18	9	0	-9	-18	-28	-37
				C.C. U3	61	46	31	15	0	-15	-31	-46	-61
				C.C. U4	-7	-5	-3	-2	0	2	3	5	7
				C.C. U5	-7	-5	-3	-2	0	2	3	5	7
				C.C. U6	-11	-8	-6	-3	0	3	6	8	11
				C.C. U7	55	42	28	14	0	-14	-28	-42	-55
				C.C. U8	55	42	28	14	0	-14	-28	-42	-55
				C.C. U9	92	69	46	23	0	-23	-46	-69	-92
				C.C. U10	-51	-39	-26	-13	0	13	26	39	51
				C.C. U11	-51	-39	-26	-13	0	13	26	39	51
				C.C. U12	-86	-64	-43	-21	0	21	43	64	86
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
<b>26</b>	<b>piano 1</b>	<b>1</b>	<b>400.00</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
				C.C.1	223	169	115	61	7	-	-	-	-
				C.C.2	227	169	111	54	-4	-	-	-	-
				C.C.3	218	168	118	68	18	-	-	-	-

				C.C.4	182	131	81	30	-20	-	-	-	-
				C.C.5	167	130	92	55	18	-	-	-	-
				C.C.6	-1553	-697	160	1016	1873	-	-	-	-
				C.C.7	-1360	-606	149	903	1658	-	-	-	-
				C.C.8	-1561	-695	171	1037	1902	-	-	-	-
				C.C.9	-1368	-604	160	923	1687	-	-	-	-
				C.C.10	1619	795	-30	-855	-1679	-	-	-	-
				C.C.11	1812	886	-41	-968	-1894	-	-	-	-
				C.C.12	1611	796	-19	-835	-1650	-	-	-	-
				C.C.13	1805	887	-30	-948	-1865	-	-	-	-
				C.C.14	-490	-203	84	371	659	-	-	-	-
				C.C.15	-184	-59	67	192	317	-	-	-	-
				C.C.16	461	244	27	-190	-407	-	-	-	-
				C.C.17	768	388	10	-369	-749	-	-	-	-
				C.C.18	-516	-198	120	438	756	-	-	-	-
				C.C.19	-210	-53	103	259	415	-	-	-	-
				C.C.20	435	250	63	-123	-309	-	-	-	-
				C.C.21	742	394	46	-303	-651	-	-	-	-
				C.C. U1	224	173	121	69	17	-	-	-	-
				C.C. U2	225	172	118	65	11	-	-	-	-
				C.C. U3	201	157	113	68	24	-	-	-	-
				C.C. U4	257	201	132	49	-50	-	-	-	-
				C.C. U5	258	200	129	44	-56	-	-	-	-
				C.C. U6	255	204	131	34	-88	-	-	-	-
				C.C. U7	239	179	120	60	0	-	-	-	-
				C.C. U8	240	178	117	55	-6	-	-	-	-
				C.C. U9	225	168	110	53	-4	-	-	-	-
				C.C. U10	237	179	122	64	6	-	-	-	-
				C.C. U11	238	178	119	59	0	-	-	-	-
				C.C. U12	222	168	114	60	5	-	-	-	-
				C.C. U13	238	179	121	62	3	-	-	-	-
				C.C. U14	239	178	118	58	-3	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-226	-170	-114	-58	-2	-	-	-	-
				C.C.2	-230	-170	-111	-51	9	-	-	-	-
				C.C.3	-221	-169	-117	-66	-14	-	-	-	-
				C.C.4	-184	-132	-80	-28	24	-	-	-	-
				C.C.5	-169	-131	-92	-53	-14	-	-	-	-
				C.C.6	-1813	-885	42	969	1897	-	-	-	-
				C.C.7	-1620	-794	31	856	1681	-	-	-	-
				C.C.8	-1809	-889	31	952	1872	-	-	-	-
				C.C.9	-1616	-798	20	838	1656	-	-	-	-
				C.C.10	1361	606	-149	-904	-1659	-	-	-	-
				C.C.11	1554	697	-160	-1017	-1874	-	-	-	-
				C.C.12	1365	602	-160	-922	-1684	-	-	-	-
				C.C.13	1558	693	-171	-1035	-1900	-	-	-	-
				C.C.14	-763	-385	-9	368	745	-	-	-	-
				C.C.15	-457	-241	-27	188	403	-	-	-	-
				C.C.16	189	62	-66	-194	-322	-	-	-	-
				C.C.17	496	206	-84	-374	-664	-	-	-	-
				C.C.18	-751	-398	-45	308	661	-	-	-	-
				C.C.19	-444	-254	-62	129	320	-	-	-	-
				C.C.20	202	49	-102	-254	-406	-	-	-	-
				C.C.21	508	194	-120	-433	-747	-	-	-	-
				C.C. U1	-255	-187	-119	-50	18	-	-	-	-
				C.C. U2	-256	-186	-116	-46	24	-	-	-	-
				C.C. U3	-250	-180	-109	-39	32	-	-	-	-
				C.C. U4	-209	-165	-122	-78	-35	-	-	-	-
				C.C. U5	-210	-164	-119	-74	-29	-	-	-	-
				C.C. U6	-173	-144	-115	-86	-57	-	-	-	-
				C.C. U7	-242	-180	-119	-57	4	-	-	-	-
				C.C. U8	-243	-179	-116	-53	10	-	-	-	-
				C.C. U9	-228	-169	-110	-50	9	-	-	-	-
				C.C. U10	-240	-181	-121	-61	-1	-	-	-	-
				C.C. U11	-241	-180	-118	-57	4	-	-	-	-
				C.C. U12	-225	-169	-113	-57	-1	-	-	-	-
				C.C. U13	-241	-180	-120	-59	1	-	-	-	-
				C.C. U14	-242	-179	-117	-55	7	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-19	8	34	61	88	-	-	-	-

				C.C.2	-20	6	31	57	82	-	-	-	-
				C.C.3	-18	10	38	65	93	-	-	-	-
				C.C.4	-7	7	21	36	50	-	-	-	-
				C.C.5	-4	14	32	50	67	-	-	-	-
				C.C.6	-929	-317	294	906	1518	-	-	-	-
				C.C.7	-905	-310	284	879	1474	-	-	-	-
				C.C.8	-865	-276	312	900	1488	-	-	-	-
				C.C.9	-841	-269	302	873	1444	-	-	-	-
				C.C.10	833	287	-260	-806	-1353	-	-	-	-
				C.C.11	857	294	-270	-833	-1397	-	-	-	-
				C.C.12	898	328	-242	-813	-1383	-	-	-	-
				C.C.13	922	335	-252	-840	-1427	-	-	-	-
				C.C.14	-394	-156	83	322	560	-	-	-	-
				C.C.15	-356	-145	67	279	490	-	-	-	-
				C.C.16	134	26	-83	-192	-301	-	-	-	-
				C.C.17	172	37	-99	-235	-371	-	-	-	-
				C.C.18	-180	-19	141	301	462	-	-	-	-
				C.C.19	-142	-8	125	258	392	-	-	-	-
				C.C.20	349	162	-25	-213	-399	-	-	-	-
				C.C.21	387	173	-41	-256	-469	-	-	-	-
				C.C. U1	-6	16	39	61	84	-	-	-	-
				C.C. U2	11	26	41	56	71	-	-	-	-
				C.C. U3	-3	16	36	55	74	-	-	-	-
				C.C. U4	-5	35	55	53	25	-	-	-	-
				C.C. U5	12	45	58	48	13	-	-	-	-
				C.C. U6	-1	48	64	41	-24	-	-	-	-
				C.C. U7	-10	14	39	63	87	-	-	-	-
				C.C. U8	8	24	41	58	75	-	-	-	-
				C.C. U9	-8	14	36	58	80	-	-	-	-
				C.C. U10	-2	19	40	61	82	-	-	-	-
				C.C. U11	16	29	43	57	70	-	-	-	-
				C.C. U12	5	22	39	56	72	-	-	-	-
				C.C. U13	-6	17	39	62	84	-	-	-	-
				C.C. U14	12	27	42	57	72	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	20	-8	-36	-63	-91	-	-	-	-
				C.C.2	21	-6	-33	-59	-86	-	-	-	-
				C.C.3	19	-10	-39	-68	-97	-	-	-	-
				C.C.4	8	-7	-22	-37	-52	-	-	-	-
				C.C.5	4	-14	-33	-51	-70	-	-	-	-
				C.C.6	-858	-294	270	834	1398	-	-	-	-
				C.C.7	-833	-287	260	806	1353	-	-	-	-
				C.C.8	-923	-335	253	842	1430	-	-	-	-
				C.C.9	-899	-328	243	814	1385	-	-	-	-
				C.C.10	908	311	-286	-884	-1480	-	-	-	-
				C.C.11	932	318	-297	-911	-1525	-	-	-	-
				C.C.12	842	269	-303	-876	-1448	-	-	-	-
				C.C.13	866	276	-313	-903	-1493	-	-	-	-
				C.C.14	-170	-36	98	231	366	-	-	-	-
				C.C.15	-132	-25	82	188	295	-	-	-	-
				C.C.16	360	145	-69	-284	-498	-	-	-	-
				C.C.17	398	156	-85	-327	-568	-	-	-	-
				C.C.18	-390	-174	42	258	473	-	-	-	-
				C.C.19	-351	-163	26	215	403	-	-	-	-
				C.C.20	140	7	-125	-257	-390	-	-	-	-
				C.C.21	178	19	-141	-300	-461	-	-	-	-
				C.C. U1	10	-16	-41	-66	-91	-	-	-	-
				C.C. U2	-8	-26	-43	-61	-79	-	-	-	-
				C.C. U3	7	-15	-38	-61	-84	-	-	-	-
				C.C. U4	22	-12	-46	-80	-115	-	-	-	-
				C.C. U5	5	-22	-49	-76	-102	-	-	-	-
				C.C. U6	29	-9	-47	-85	-124	-	-	-	-
				C.C. U7	11	-15	-40	-65	-90	-	-	-	-
				C.C. U8	-7	-25	-42	-60	-78	-	-	-	-
				C.C. U9	9	-14	-37	-60	-83	-	-	-	-
				C.C. U10	3	-19	-42	-64	-86	-	-	-	-
				C.C. U11	-14	-29	-44	-59	-74	-	-	-	-
				C.C. U12	-4	-22	-40	-58	-76	-	-	-	-
				C.C. U13	7	-17	-41	-64	-88	-	-	-	-
				C.C. U14	-11	-27	-43	-59	-76	-	-	-	-
30	piano 1	5	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	287	226	164	103	41	-	-	-	-
				C.C.2	289	225	161	97	33	-	-	-	-
				C.C.3	285	227	168	109	50	-	-	-	-
				C.C.4	200	152	105	58	11	-	-	-	-
				C.C.5	193	155	116	78	40	-	-	-	-
				C.C.6	-1935	-812	311	1434	2556	-	-	-	-
				C.C.7	-2053	-870	314	1497	2681	-	-	-	-
				C.C.8	-1382	-547	288	1124	1959	-	-	-	-
				C.C.9	-1501	-605	291	1187	2084	-	-	-	-
				C.C.10	1785	830	-125	-1080	-2035	-	-	-	-
				C.C.11	1666	772	-122	-1017	-1911	-	-	-	-
				C.C.12	2337	1095	-148	-1390	-2632	-	-	-	-
				C.C.13	2219	1037	-145	-1326	-2508	-	-	-	-
				C.C.14	-1243	-530	184	897	1610	-	-	-	-
				C.C.15	-1431	-622	188	998	1807	-	-	-	-
				C.C.16	-127	-37	53	142	232	-	-	-	-
				C.C.17	-315	-129	57	243	430	-	-	-	-
				C.C.18	599	354	109	-136	-381	-	-	-	-
				C.C.19	411	262	113	-35	-184	-	-	-	-
				C.C.20	1715	847	-22	-890	-1759	-	-	-	-
				C.C.21	1527	755	-17	-789	-1561	-	-	-	-
				C.C. U1	299	233	167	101	36	-	-	-	-
				C.C. U2	281	218	155	91	28	-	-	-	-
				C.C. U3	273	212	151	90	29	-	-	-	-
				C.C. U4	322	250	172	86	-7	-	-	-	-
				C.C. U5	304	235	159	76	-15	-	-	-	-
				C.C. U6	311	240	159	65	-43	-	-	-	-
				C.C. U7	277	209	157	121	103	-	-	-	-
				C.C. U8	259	194	144	111	96	-	-	-	-
				C.C. U9	236	172	133	122	141	-	-	-	-
				C.C. U10	327	247	166	86	6	-	-	-	-
				C.C. U11	310	232	154	76	-2	-	-	-	-
				C.C. U12	320	235	150	64	-21	-	-	-	-
				C.C. U13	297	232	168	103	39	-	-	-	-
				C.C. U14	279	217	155	93	31	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-292	-227	-163	-99	-34	-	-	-	-
				C.C.2	-294	-227	-160	-93	-26	-	-	-	-
				C.C.3	-290	-228	-166	-105	-43	-	-	-	-
				C.C.4	-203	-153	-104	-55	-6	-	-	-	-
				C.C.5	-196	-156	-115	-75	-34	-	-	-	-
				C.C.6	-1662	-770	121	1012	1903	-	-	-	-
				C.C.7	-1780	-828	124	1075	2027	-	-	-	-
				C.C.8	-2216	-1036	144	1324	2505	-	-	-	-
				C.C.9	-2334	-1094	147	1388	2628	-	-	-	-
				C.C.10	2046	867	-312	-1490	-2669	-	-	-	-
				C.C.11	1928	810	-309	-1427	-2545	-	-	-	-
				C.C.12	1491	601	-288	-1178	-2068	-	-	-	-
				C.C.13	1373	544	-285	-1115	-1944	-	-	-	-
				C.C.14	318	130	-59	-247	-435	-	-	-	-
				C.C.15	131	38	-54	-146	-239	-	-	-	-
				C.C.16	1430	621	-189	-998	-1807	-	-	-	-
				C.C.17	1243	530	-184	-897	-1611	-	-	-	-
				C.C.18	-1532	-756	19	794	1570	-	-	-	-
				C.C.19	-1719	-847	24	895	1766	-	-	-	-
				C.C.20	-419	-265	-110	44	198	-	-	-	-
				C.C.21	-606	-356	-106	144	395	-	-	-	-
				C.C. U1	-269	-216	-166	-121	-80	-	-	-	-
				C.C. U2	-251	-200	-154	-111	-73	-	-	-	-
				C.C. U3	-220	-182	-150	-125	-108	-	-	-	-
				C.C. U4	-274	-223	-171	-120	-68	-	-	-	-
				C.C. U5	-256	-207	-159	-110	-61	-	-	-	-
				C.C. U6	-228	-193	-158	-123	-88	-	-	-	-
				C.C. U7	-281	-211	-156	-117	-96	-	-	-	-
				C.C. U8	-263	-196	-143	-107	-89	-	-	-	-
				C.C. U9	-240	-174	-132	-119	-135	-	-	-	-
				C.C. U10	-331	-248	-165	-82	1	-	-	-	-
				C.C. U11	-313	-233	-153	-72	8	-	-	-	-
				C.C. U12	-324	-236	-148	-60	27	-	-	-	-
				C.C. U13	-301	-234	-166	-99	-32	-	-	-	-



				C.C. U14	-283	-219	-154	-89	-25	-	-	-	-
--	--	--	--	----------	------	------	------	-----	-----	---	---	---	---

#### 4.3.22 Momento Flettente X-Y - Combinazioni SLD.

I prospetti seguenti riportano i valori del momento flettente ( $M_{xy}$ ) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 74.I

Momento Flettente ( $M_{xy}$ ) [daNm] - Combinazioni SLD													
Asta	Imp.	Fili	L [cm]	Comb.	$M_{xy_1}$	$M_{xy_2}$	$M_{xy_3}$	$M_{xy_4}$	$M_{xy_5}$	$M_{xy_6}$	$M_{xy_7}$	$M_{xy_8}$	$M_{xy_9}$
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	14	12	10	7	4	1	-2	-6	-10
				C.C.3	-13	-11	-9	-7	-5	-2	2	5	9
				C.C.4	22	19	16	12	7	2	-3	-10	-17
				C.C.5	-22	-19	-16	-12	-7	-2	3	9	16
				C.C.6	3	3	2	2	1	1	0	1	0
				C.C.7	-10	-8	-7	-5	-4	-2	0	2	4
				C.C.8	0	1	1	2	2	2	1	0	-1
				C.C.9	-13	-10	-8	-5	-3	-1	0	1	2
				C.C.10	13	10	8	5	3	1	0	-1	-3
				C.C.11	1	0	-1	-2	-2	-2	-1	0	0
				C.C.12	10	9	7	6	4	2	0	-2	-4
				C.C.13	-3	-2	-2	-1	-1	-1	-1	-1	-1
				C.C.14	14	11	7	5	2	1	0	1	0
				C.C.15	-6	-7	-7	-6	-5	-4	-2	2	5
				C.C.16	18	13	9	6	3	1	-1	0	-1
				C.C.17	-3	-4	-5	-5	-5	-4	-2	2	4
				C.C.18	3	4	5	5	5	4	2	-2	-4
				C.C.19	-17	-13	-9	-6	-3	-1	0	0	1
				C.C.20	6	7	7	6	5	4	2	-3	-5
				C.C.21	-14	-10	-7	-5	-3	-1	0	-1	0
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-10	-7	-5	-4	-3	-3	-3	-4	-5
				C.C.3	9	7	5	3	3	2	3	3	5
				C.C.4	-16	-12	-9	-6	-5	-4	-5	-6	-8
				C.C.5	16	12	8	6	5	4	4	6	8
				C.C.6	-1	-2	-2	-2	-1	-1	0	1	3
				C.C.7	3	1	1	0	0	0	1	1	2
				C.C.8	-2	-1	0	1	1	1	1	0	0
				C.C.9	2	2	3	3	3	2	2	0	-1
				C.C.10	-2	-3	-3	-3	-3	-3	-2	-1	1
				C.C.11	2	1	0	-1	-1	-1	-1	-1	0
				C.C.12	-4	-2	-1	-1	-1	-1	-1	-2	-2
				C.C.13	0	2	2	1	1	1	0	-1	-3
				C.C.14	-1	-4	-5	-6	-5	-4	-2	1	5
				C.C.15	5	1	-1	-2	-3	-2	-1	2	5
				C.C.16	-2	-5	-6	-6	-6	-5	-2	1	5
				C.C.17	5	1	-1	-3	-3	-3	-1	1	4
				C.C.18	-5	-1	1	2	3	3	1	-1	-4
				C.C.19	1	4	5	6	5	4	2	-1	-5
				C.C.20	-6	-1	1	2	2	2	1	-2	-5
				C.C.21	1	4	5	5	5	4	2	-2	-6
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-5	-3	-3	-2	-3	-4	-5	-7	-9
				C.C.3	5	3	2	2	2	3	5	7	9
				C.C.4	-8	-6	-4	-4	-4	-6	-8	-11	-16
				C.C.5	8	6	4	4	4	6	8	11	15
				C.C.6	0	-1	-1	-1	-1	-1	0	1	2
				C.C.7	0	-1	-2	-2	-3	-3	-3	-3	-2
				C.C.8	-3	-1	0	1	1	1	2	1	0
				C.C.9	-3	-2	-1	-1	-1	-1	-1	-2	-4
				C.C.10	2	1	1	0	0	0	1	2	3
				C.C.11	3	1	0	-1	-1	-2	-2	-2	-1
				C.C.12	-1	1	2	2	3	3	3	2	2
				C.C.13	0	0	1	1	1	1	0	-1	-2
				C.C.14	4	1	-1	-3	-3	-3	-1	1	5

				C.C.15	5	1	-2	-4	-6	-6	-5	-4	-1
				C.C.16	5	2	-1	-2	-3	-2	-1	1	5
				C.C.17	6	1	-2	-4	-5	-6	-5	-4	-1
				C.C.18	-6	-2	2	4	5	5	5	4	1
				C.C.19	-5	-2	1	2	2	2	0	-2	-6
				C.C.20	-5	-1	2	4	5	6	5	4	1
				C.C.21	-4	-1	1	3	3	2	1	-1	-5
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-10	-6	-2	1	4	6	8	10	11
				C.C.3	9	5	2	-1	-4	-6	-8	-10	-11
				C.C.4	-16	-9	-4	2	6	10	14	16	19
				C.C.5	15	9	3	-2	-6	-10	-14	-17	-19
				C.C.6	0	0	-1	-2	-2	-2	-1	-1	1
				C.C.7	-3	-2	-1	1	3	5	8	10	13
				C.C.8	-1	-1	-1	-1	-1	-2	-2	-2	-3
				C.C.9	-4	-2	0	2	4	5	7	8	10
				C.C.10	4	2	0	-2	-4	-6	-7	-8	-10
				C.C.11	1	1	0	1	1	1	2	2	3
				C.C.12	3	1	0	-2	-3	-5	-8	-10	-13
				C.C.13	-1	0	1	1	2	1	1	0	-1
				C.C.14	4	2	-2	-4	-5	-5	-5	-4	-3
				C.C.15	-1	0	-1	1	3	6	9	13	17
				C.C.16	5	2	-2	-4	-5	-6	-7	-7	-6
				C.C.17	0	0	0	1	2	5	7	10	14
				C.C.18	0	-1	0	-1	-3	-5	-7	-11	-14
				C.C.19	-5	-3	1	4	5	6	7	6	6
				C.C.20	1	0	0	-1	-3	-6	-9	-13	-17
				C.C.21	-4	-2	2	3	5	5	5	4	3
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-18	-18	-18	-17	-16	-15	-13	-11	-9
				C.C.3	17	18	18	17	16	15	13	11	9
				C.C.4	-29	-30	-30	-29	-27	-25	-22	-19	-15
				C.C.5	29	30	29	29	27	25	22	19	15
				C.C.6	-10	-6	-3	-1	1	2	3	3	3
				C.C.7	-22	-17	-12	-8	-5	-2	1	3	4
				C.C.8	-7	-4	-1	1	2	3	3	3	2
				C.C.9	-19	-14	-10	-6	-3	-1	1	3	4
				C.C.10	19	14	10	6	3	1	-1	-3	-4
				C.C.11	7	3	1	-1	-2	-3	-4	-3	-2
				C.C.12	22	17	12	8	5	1	-1	-3	-5
				C.C.13	10	6	3	1	-1	-3	-3	-4	-3
				C.C.14	0	1	1	2	2	2	2	2	1
				C.C.15	-19	-16	-13	-10	-7	-4	-2	1	3
				C.C.16	8	7	5	4	3	2	1	0	-1
				C.C.17	-11	-10	-9	-8	-6	-5	-3	-1	1
				C.C.18	10	10	9	7	6	5	3	1	-1
				C.C.19	-9	-7	-6	-4	-3	-2	-1	0	1
				C.C.20	19	16	13	10	7	4	1	-1	-4
				C.C.21	0	-1	-2	-2	-2	-2	-2	-2	-1
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-9	1	12	23	34	46	58	71	83
				C.C.3	9	-1	-12	-23	-34	-46	-58	-71	-84
				C.C.4	-15	2	19	38	57	76	97	118	139
				C.C.5	15	-2	-19	-38	-57	-76	-97	-118	-139
				C.C.6	3	3	4	4	4	3	2	0	-2
				C.C.7	5	6	7	7	8	7	7	5	4
				C.C.8	2	3	4	4	4	4	3	1	-1
				C.C.9	4	5	6	7	8	8	7	6	5
				C.C.10	-4	-5	-6	-7	-8	-8	-7	-6	-5
				C.C.11	-3	-3	-4	-4	-4	-4	-3	-1	1
				C.C.12	-5	-6	-7	-8	-8	-7	-7	-5	-4
				C.C.13	-3	-4	-4	-5	-4	-4	-2	-1	2
				C.C.14	1	0	0	0	-1	-2	-3	-4	-6
				C.C.15	4	4	4	4	4	4	4	3	3
				C.C.16	-1	-2	-3	-4	-5	-6	-6	-6	-7
				C.C.17	2	1	1	1	1	1	1	1	2
				C.C.18	-2	-1	-1	-1	-1	-1	-1	-1	-2
				C.C.19	1	2	3	4	5	5	6	6	7
				C.C.20	-4	-4	-4	-5	-4	-4	-4	-3	-3

				C.C.21	-1	-1	0	0	1	2	3	4	6
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	16	17	17	17	17	16	14	13	11
				C.C.3	-15	-16	-17	-17	-16	-15	-14	-13	-11
				C.C.4	27	28	28	28	28	26	24	21	18
				C.C.5	-26	-27	-28	-28	-27	-26	-24	-21	-18
				C.C.6	-6	-3	-1	1	2	3	3	3	2
				C.C.7	-18	-14	-10	-6	-3	-1	1	2	3
				C.C.8	-9	-6	-3	0	1	2	3	3	3
				C.C.9	-21	-16	-12	-8	-4	-1	1	3	4
				C.C.10	22	17	12	8	5	2	-1	-3	-4
				C.C.11	10	6	3	1	-1	-2	-3	-3	-3
				C.C.12	19	14	10	7	4	1	-1	-2	-3
				C.C.13	7	4	1	-1	-2	-3	-3	-3	-2
				C.C.14	11	10	9	8	6	5	3	1	-1
				C.C.15	-8	-7	-5	-4	-3	-2	-1	0	1
				C.C.16	19	16	13	10	7	4	2	-1	-3
				C.C.17	0	-1	-1	-2	-2	-2	-2	-2	-1
				C.C.18	1	1	2	2	2	2	2	2	1
				C.C.19	-18	-15	-12	-9	-7	-4	-1	1	3
				C.C.20	9	7	6	4	3	2	1	0	-1
				C.C.21	-10	-9	-8	-7	-6	-4	-3	-1	1
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	11	1	-10	-22	-34	-46	-58	-71	-85
				C.C.3	-11	-1	10	22	34	46	58	71	85
				C.C.4	19	1	-17	-36	-56	-76	-97	-119	-141
				C.C.5	-19	-1	17	36	56	76	97	119	141
				C.C.6	2	2	3	4	4	4	3	2	0
				C.C.7	4	5	6	7	8	8	8	7	5
				C.C.8	3	3	4	4	4	4	3	1	-1
				C.C.9	5	5	6	7	8	8	7	6	4
				C.C.10	-5	-5	-6	-7	-8	-8	-7	-6	-4
				C.C.11	-3	-3	-4	-4	-4	-4	-3	-1	1
				C.C.12	-4	-5	-6	-7	-8	-8	-8	-7	-5
				C.C.13	-2	-2	-3	-4	-4	-4	-3	-2	0
				C.C.14	-2	-2	-1	-1	-1	-1	-1	-1	-2
				C.C.15	1	2	3	4	5	6	6	6	7
				C.C.16	-4	-4	-4	-5	-4	-4	-4	-4	-3
				C.C.17	-1	0	0	0	1	2	3	4	5
				C.C.18	1	0	0	0	-1	-2	-3	-4	-5
				C.C.19	4	4	4	5	4	4	4	4	3
				C.C.20	-1	-2	-3	-4	-5	-5	-6	-6	-7
				C.C.21	2	2	1	1	1	1	1	1	2
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	1	1	1
				C.C.2	72	46	21	-3	-28	-51	-75	-98	-121
				C.C.3	-73	-47	-22	3	28	52	76	99	123
				C.C.4	120	78	36	-6	-46	-86	-125	-164	-202
				C.C.5	-121	-78	-36	6	47	87	126	165	203
				C.C.6	-6	-4	-2	-1	0	0	0	-1	-2
				C.C.7	-22	-15	-8	-2	4	9	13	17	21
				C.C.8	-5	-3	-2	-1	-1	-1	-1	-3	-4
				C.C.9	-21	-14	-8	-2	3	8	12	16	19
				C.C.10	20	14	8	3	-3	-7	-11	-15	-18
				C.C.11	5	3	2	1	1	1	2	4	5
				C.C.12	21	14	8	2	-4	-8	-13	-16	-20
				C.C.13	6	4	2	1	0	0	1	2	3
				C.C.14	7	5	3	1	-1	-4	-6	-9	-12
				C.C.15	-18	-12	-7	-1	5	10	15	20	25
				C.C.16	15	10	6	2	-2	-6	-10	-13	-16
				C.C.17	-10	-7	-4	0	4	8	12	16	20
				C.C.18	10	7	4	0	-3	-7	-11	-15	-19
				C.C.19	-15	-10	-6	-2	3	6	10	14	17
				C.C.20	18	12	7	1	-4	-9	-14	-19	-23
				C.C.21	-7	-5	-3	-1	2	4	7	10	13
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	1	0	0	0	0	-1	-1	-1	-1
				C.C.2	-73	-47	-22	3	27	51	75	98	121
				C.C.3	74	48	23	-3	-28	-52	-77	-100	-124
				C.C.4	-122	-79	-37	5	46	86	126	165	203

				C.C.5	124	80	37	-5	-46	-87	-127	-166	-205
				C.C.6	-4	-3	-2	-1	-1	-2	-3	-4	-6
				C.C.7	-20	-13	-7	-2	3	7	11	14	17
				C.C.8	-5	-3	-2	-1	0	-1	-2	-3	-5
				C.C.9	-20	-14	-8	-2	3	8	12	15	18
				C.C.10	21	14	8	2	-4	-9	-13	-17	-20
				C.C.11	6	4	2	1	0	0	0	1	3
				C.C.12	21	14	8	2	-3	-8	-12	-16	-19
				C.C.13	5	3	2	1	0	1	1	3	4
				C.C.14	10	7	4	0	-4	-7	-11	-15	-20
				C.C.15	-15	-10	-6	-2	2	6	10	13	17
				C.C.16	18	12	7	1	-4	-10	-14	-19	-24
				C.C.17	-7	-5	-3	-1	1	4	7	9	12
				C.C.18	8	6	3	1	-2	-5	-8	-11	-14
				C.C.19	-17	-11	-6	-1	4	9	13	18	22
				C.C.20	16	11	6	2	-3	-7	-11	-15	-19
				C.C.21	-9	-6	-4	0	3	7	10	14	18
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-2	-1	-1	-1	0	0	0	1	1
				C.C.2	21	13	6	-1	-8	-14	-19	-24	-29
				C.C.3	-24	-16	-8	0	7	14	20	26	31
				C.C.4	36	23	10	-1	-12	-23	-32	-41	-50
				C.C.5	-39	-25	-12	0	12	23	33	42	51
				C.C.6	-1	-1	0	-1	1	1	2	3	7
				C.C.7	-18	-14	-11	-9	-4	0	4	8	15
				C.C.8	-8	-5	-3	1	2	3	4	5	3
				C.C.9	-25	-19	-13	-7	-3	2	6	10	11
				C.C.10	22	17	12	6	2	-2	-5	-9	-10
				C.C.11	5	3	1	-2	-2	-3	-4	-4	-2
				C.C.12	15	12	9	7	4	0	-4	-7	-13
				C.C.13	-2	-2	-2	0	-1	-1	-2	-2	-5
				C.C.14	21	15	11	2	1	-1	-3	-6	3
				C.C.15	-6	-8	-7	-10	-7	-4	0	2	16
				C.C.16	28	20	14	4	1	-2	-5	-10	-2
				C.C.17	1	-2	-3	-8	-6	-5	-3	-2	11
				C.C.18	-3	0	2	7	6	5	3	3	-9
				C.C.19	-30	-22	-16	-5	-2	2	6	11	4
				C.C.20	4	5	5	9	6	4	1	-1	-14
				C.C.21	-23	-17	-12	-3	-1	1	4	7	-1
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	23	21	20	19	18	18	19	21	23
				C.C.3	-23	-21	-19	-18	-18	-18	-19	-20	-22
				C.C.4	38	35	32	31	30	31	32	34	37
				C.C.5	-38	-35	-32	-30	-30	-30	-31	-34	-37
				C.C.6	-4	-3	-3	-3	-1	0	2	5	7
				C.C.7	-2	-2	-2	-2	-1	0	1	3	5
				C.C.8	-7	-5	-2	0	2	3	4	4	4
				C.C.9	-5	-3	0	1	2	3	3	2	2
				C.C.10	5	3	1	-1	-2	-2	-2	-2	-2
				C.C.11	7	5	2	0	-2	-3	-4	-3	-4
				C.C.12	2	2	3	2	2	1	-1	-3	-5
				C.C.13	4	4	4	3	2	0	-2	-5	-7
				C.C.14	2	0	-5	-6	-6	-4	-2	4	8
				C.C.15	5	2	-3	-5	-6	-5	-3	2	5
				C.C.16	4	2	-3	-5	-6	-5	-3	2	5
				C.C.17	8	4	-2	-4	-6	-6	-5	0	2
				C.C.18	-8	-4	2	4	6	6	5	1	-1
				C.C.19	-4	-1	4	5	6	5	3	-2	-5
				C.C.20	-5	-2	3	5	6	5	4	-1	-4
				C.C.21	-2	1	5	6	6	5	2	-4	-8
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	1	1	0	0	0	-1	-1	-2	-2
				C.C.2	-28	-24	-19	-14	-8	-2	5	12	20
				C.C.3	31	26	20	14	7	0	-8	-16	-24
				C.C.4	-49	-41	-32	-23	-13	-2	10	22	35
				C.C.5	50	42	33	23	12	0	-12	-25	-38
				C.C.6	-2	-4	-4	-3	-3	-2	1	2	5
				C.C.7	-10	-9	-6	-2	2	6	12	16	22
				C.C.8	-5	-2	-2	-2	-1	-1	-2	-2	-3
				C.C.9	-13	-7	-4	0	3	7	9	12	14
				C.C.10	15	8	4	0	-4	-9	-11	-14	-18

				C.C.11	7	3	2	2	1	-1	0	-1	-1
				C.C.12	12	11	6	2	-3	-7	-14	-19	-25
				C.C.13	3	6	4	3	2	1	-3	-5	-8
				C.C.14	11	-2	-3	-5	-6	-9	-3	-2	1
				C.C.15	-2	-9	-5	-2	1	4	14	20	28
				C.C.16	16	2	0	-4	-6	-11	-7	-7	-6
				C.C.17	3	-6	-3	-1	1	2	11	15	21
				C.C.18	-1	7	4	1	-2	-3	-13	-18	-24
				C.C.19	-14	-1	1	4	6	9	5	4	2
				C.C.20	4	11	6	2	-2	-5	-16	-23	-31
				C.C.21	-9	3	3	5	5	7	1	-1	-5
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-2	-2	-2	-2	-1	-1	-1	-1	0
				C.C.2	-8	-8	-8	-8	-7	-7	-7	-6	-6
				C.C.3	4	4	4	4	5	5	5	5	6
				C.C.4	-12	-12	-12	-11	-11	-11	-11	-10	-10
				C.C.5	8	8	8	9	9	9	9	9	10
				C.C.6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.7	1	1	0	-1	-1	-2	-2	-3	-4
				C.C.8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.9	1	1	0	-1	-1	-2	-2	-3	-4
				C.C.10	-5	-4	-3	-2	-1	0	1	2	3
				C.C.11	-3	-3	-2	-2	-1	-1	0	0	1
				C.C.12	-5	-4	-3	-2	-1	0	1	2	3
				C.C.13	-3	-3	-2	-2	-1	-1	0	0	1
				C.C.14	-3	-3	-2	-2	-1	-1	0	0	1
				C.C.15	0	0	0	-1	-1	-2	-2	-2	-3
				C.C.16	-5	-4	-3	-2	-1	0	0	1	2
				C.C.17	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.18	-3	-3	-2	-2	-1	-1	0	0	1
				C.C.19	0	0	0	-1	-1	-2	-2	-2	-3
				C.C.20	-5	-4	-3	-2	-1	0	0	1	2
				C.C.21	-1	-1	-1	-1	-1	-1	-1	-1	-1
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	4	3	3	2	2	1	1	0	0
				C.C.2	10	9	7	6	4	3	1	0	-2
				C.C.3	-2	-2	-1	-1	-1	0	0	1	1
				C.C.4	14	11	9	7	5	3	1	-1	-3
				C.C.5	-7	-6	-5	-4	-3	-2	0	1	2
				C.C.6	182	137	92	47	1	-44	-89	-134	-180
				C.C.7	176	133	89	45	1	-42	-86	-130	-174
				C.C.8	191	144	96	49	1	-46	-94	-141	-189
				C.C.9	185	139	93	47	1	-45	-91	-137	-183
				C.C.10	-179	-134	-89	-44	1	46	91	136	181
				C.C.11	-185	-138	-92	-45	1	48	94	141	187
				C.C.12	-170	-127	-84	-41	1	44	87	130	172
				C.C.13	-176	-132	-87	-43	1	46	90	134	178
				C.C.14	47	36	24	13	1	-10	-22	-33	-45
				C.C.15	38	29	20	10	1	-8	-17	-26	-35
				C.C.16	-61	-45	-30	-14	1	17	32	48	64
				C.C.17	-71	-53	-35	-17	1	19	37	55	73
				C.C.18	77	58	39	20	1	-18	-37	-55	-74
				C.C.19	68	51	34	18	1	-15	-32	-48	-65
				C.C.20	-31	-23	-15	-7	1	9	18	26	34
				C.C.21	-41	-30	-20	-9	1	12	22	33	43
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-181	-136	-91	-45	0	45	91	136	181
				C.C.7	-206	-155	-103	-52	0	52	103	155	206
				C.C.8	148	111	74	37	0	-37	-74	-111	-148
				C.C.9	123	92	61	31	0	-31	-61	-92	-123
				C.C.10	-123	-92	-61	-31	0	31	61	92	123
				C.C.11	-148	-111	-74	-37	0	37	74	111	148
				C.C.12	206	155	103	52	0	-52	-103	-155	-206
				C.C.13	181	136	91	45	0	-45	-91	-136	-181
				C.C.14	-538	-403	-269	-134	0	134	269	403	538

				C.C.15	-577	-433	-289	-144	0	144	289	433	577
				C.C.16	-520	-390	-260	-130	0	130	260	390	520
				C.C.17	-560	-420	-280	-140	0	140	280	420	560
				C.C.18	560	420	280	140	0	-140	-280	-420	-560
				C.C.19	520	390	260	130	0	-130	-260	-390	-520
				C.C.20	577	433	289	144	0	-144	-289	-433	-577
				C.C.21	538	403	269	134	0	-134	-269	-403	-538
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	2367	1775	1183	592	0	-592	-1183	-1775	-2367
				C.C.7	2192	1644	1096	548	0	-548	-1096	-1644	-2192
				C.C.8	2433	1825	1217	608	0	-608	-1217	-1825	-2433
				C.C.9	2259	1694	1129	565	0	-565	-1129	-1694	-2259
				C.C.10	-2259	-1694	-1129	-565	0	565	1129	1694	2259
				C.C.11	-2433	-1825	-1217	-608	0	608	1217	1825	2433
				C.C.12	-2192	-1644	-1096	-548	0	548	1096	1644	2192
				C.C.13	-2367	-1775	-1183	-592	0	592	1183	1775	2367
				C.C.14	722	541	361	180	0	-180	-361	-541	-722
				C.C.15	445	334	222	111	0	-111	-222	-334	-445
				C.C.16	-666	-499	-333	-166	0	166	333	499	666
				C.C.17	-943	-707	-471	-236	0	236	471	707	943
				C.C.18	943	707	471	236	0	-236	-471	-707	-943
				C.C.19	666	499	333	166	0	-166	-333	-499	-666
				C.C.20	-445	-334	-222	-111	0	111	222	334	445
				C.C.21	-722	-541	-361	-180	0	180	361	541	722
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-2	-2	-2	-1	-1	-1	-1	0	0
				C.C.2	-9	-7	-6	-5	-3	-2	-1	0	2
				C.C.3	4	3	2	2	1	1	0	-1	-1
				C.C.4	-12	-10	-8	-7	-5	-3	-1	1	3
				C.C.5	8	7	6	4	3	2	1	-1	-2
				C.C.6	185	139	92	46	-1	-47	-94	-140	-187
				C.C.7	179	134	89	44	-1	-46	-91	-136	-181
				C.C.8	179	134	89	44	-1	-46	-91	-135	-180
				C.C.9	173	129	86	43	-1	-44	-88	-131	-174
				C.C.10	-177	-133	-89	-45	-1	43	87	131	175
				C.C.11	-183	-137	-92	-46	-1	45	90	136	181
				C.C.12	-183	-138	-92	-46	-1	45	90	136	182
				C.C.13	-189	-142	-95	-48	-1	46	93	141	188
				C.C.14	68	51	33	16	-1	-18	-35	-52	-69
				C.C.15	58	43	29	14	-1	-16	-30	-45	-60
				C.C.16	-41	-31	-21	-11	-1	9	19	29	39
				C.C.17	-50	-38	-26	-13	-1	12	24	36	49
				C.C.18	46	35	23	11	-1	-13	-24	-36	-48
				C.C.19	37	27	18	9	-1	-10	-20	-29	-38
				C.C.20	-62	-47	-32	-16	-1	15	30	45	61
				C.C.21	-72	-54	-36	-19	-1	17	35	52	70
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	160	120	80	40	0	-40	-80	-120	-160
				C.C.7	136	102	68	34	0	-34	-68	-102	-136
				C.C.8	-169	-127	-84	-42	0	42	84	127	169
				C.C.9	-194	-145	-97	-48	0	48	97	145	194
				C.C.10	194	145	97	48	0	-48	-97	-145	-194
				C.C.11	169	127	84	42	0	-42	-84	-127	-169
				C.C.12	-136	-102	-68	-34	0	34	68	102	136
				C.C.13	-160	-120	-80	-40	0	40	80	120	160
				C.C.14	563	422	282	141	0	-141	-282	-422	-563
				C.C.15	524	393	262	131	0	-131	-262	-393	-524
				C.C.16	573	430	287	143	0	-143	-287	-430	-573
				C.C.17	534	401	267	134	0	-134	-267	-401	-534
				C.C.18	-534	-401	-267	-134	0	134	267	401	534
				C.C.19	-573	-430	-287	-143	0	143	287	430	573

				C.C.20	-524	-393	-262	-131	0	131	262	393	524
				C.C.21	-563	-422	-282	-141	0	141	282	422	563
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	2421	1816	1211	605	0	-605	-1211	-1816	-2421
				C.C.7	2246	1685	1123	562	0	-562	-1123	-1685	-2246
				C.C.8	2387	1790	1193	597	0	-597	-1193	-1790	-2387
				C.C.9	2212	1659	1106	553	0	-553	-1106	-1659	-2212
				C.C.10	-2212	-1659	-1106	-553	0	553	1106	1659	2212
				C.C.11	-2387	-1790	-1193	-597	0	597	1193	1790	2387
				C.C.12	-2246	-1685	-1123	-562	0	562	1123	1685	2246
				C.C.13	-2421	-1816	-1211	-605	0	605	1211	1816	2421
				C.C.14	891	668	445	223	0	-223	-445	-668	-891
				C.C.15	614	460	307	153	0	-153	-307	-460	-614
				C.C.16	-499	-374	-250	-125	0	125	250	374	499
				C.C.17	-776	-582	-388	-194	0	194	388	582	776
				C.C.18	776	582	388	194	0	-194	-388	-582	-776
				C.C.19	499	374	250	125	0	-125	-250	-374	-499
				C.C.20	-614	-460	-307	-153	0	153	307	460	614
				C.C.21	-891	-668	-445	-223	0	223	445	668	891
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-3	-5	-7	-8	-10	-12	-14	-16	-17
				C.C.2	-7	-9	-12	-14	-16	-18	-21	-23	-25
				C.C.3	1	0	-1	-3	-4	-5	-7	-8	-10
				C.C.4	-10	-12	-14	-15	-17	-19	-21	-23	-25
				C.C.5	5	4	4	3	3	2	2	1	1
				C.C.6	-502	-378	-255	-131	-7	116	240	364	487
				C.C.7	-483	-364	-245	-126	-7	112	231	350	468
				C.C.8	-515	-388	-261	-134	-7	119	246	373	500
				C.C.9	-496	-374	-252	-130	-7	115	237	359	481
				C.C.10	491	367	242	117	-7	-132	-257	-381	-506
				C.C.11	510	381	251	122	-7	-137	-266	-396	-525
				C.C.12	478	357	235	114	-7	-129	-250	-372	-493
				C.C.13	497	371	245	119	-7	-134	-260	-386	-512
				C.C.14	-145	-110	-76	-42	-7	27	61	96	130
				C.C.15	-115	-88	-61	-34	-7	19	46	73	100
				C.C.16	153	113	73	33	-7	-48	-88	-128	-168
				C.C.17	183	135	88	40	-7	-55	-103	-150	-198
				C.C.18	-188	-143	-98	-53	-7	38	83	128	173
				C.C.19	-158	-121	-83	-45	-7	30	68	106	143
				C.C.20	110	81	51	22	-7	-37	-66	-95	-125
				C.C.21	140	103	66	29	-7	-44	-81	-118	-155
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	2	4	5	7	9	11	12	14	16
				C.C.2	6	8	10	13	15	17	19	22	24
				C.C.3	-2	-1	0	2	3	4	6	7	8
				C.C.4	9	11	13	14	16	18	20	22	24
				C.C.5	-5	-5	-5	-4	-4	-3	-3	-2	-2
				C.C.6	-509	-380	-251	-122	6	135	264	393	521
				C.C.7	-490	-366	-242	-118	6	130	254	379	503
				C.C.8	-502	-375	-248	-121	6	134	261	388	515
				C.C.9	-484	-361	-239	-116	6	129	251	374	496
				C.C.10	487	367	247	127	6	-114	-234	-354	-474
				C.C.11	506	381	256	131	6	-118	-243	-368	-493
				C.C.12	493	371	250	128	6	-115	-237	-359	-480
				C.C.13	512	385	259	133	6	-120	-246	-373	-499
				C.C.14	-173	-128	-83	-38	6	51	96	141	186
				C.C.15	-143	-106	-68	-31	6	44	81	118	156
				C.C.16	126	96	66	36	6	-23	-53	-83	-113
				C.C.17	156	118	81	44	6	-31	-68	-106	-143
				C.C.18	-152	-113	-73	-33	6	46	86	125	165
				C.C.19	-122	-90	-58	-26	6	39	71	103	135
				C.C.20	146	111	76	41	6	-29	-64	-99	-134
				C.C.21	176	134	91	49	6	-36	-78	-121	-163
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	3	3	3	4	4	5	5	5	6
				C.C.2	-3	-2	-2	-2	-1	-1	0	0	0

				C.C.3	8	9	9	9	10	10	10	11	11
				C.C.4	-8	-7	-7	-7	-6	-6	-6	-5	-5
				C.C.5	11	11	11	12	12	12	13	13	13
				C.C.6	-29	-21	-13	-5	3	11	19	27	35
				C.C.7	-22	-15	-9	-3	3	9	15	21	27
				C.C.8	-30	-21	-13	-5	3	11	19	27	35
				C.C.9	-22	-16	-9	-3	3	9	15	21	27
				C.C.10	25	19	14	8	3	-3	-8	-14	-19
				C.C.11	33	25	18	10	3	-5	-12	-20	-27
				C.C.12	25	19	14	8	3	-3	-8	-14	-19
				C.C.13	32	25	18	10	3	-5	-12	-19	-27
				C.C.14	-12	-9	-5	-1	3	7	10	14	18
				C.C.15	0	1	1	2	3	4	4	5	6
				C.C.16	4	4	3	3	3	3	2	2	2
				C.C.17	16	13	10	6	3	-1	-4	-7	-11
				C.C.18	-13	-9	-5	-1	3	7	11	15	19
				C.C.19	-1	0	1	2	3	4	5	6	6
				C.C.20	3	3	3	3	3	3	3	3	3
				C.C.21	15	12	9	6	3	0	-3	-7	-10
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-103	-77	-52	-26	0	26	52	77	103
				C.C.7	-149	-112	-75	-37	0	37	75	112	149
				C.C.8	448	336	224	112	0	-112	-224	-336	-448
				C.C.9	402	301	201	100	0	-100	-201	-301	-402
				C.C.10	-402	-301	-201	-100	0	100	201	301	402
				C.C.11	-448	-336	-224	-112	0	112	224	336	448
				C.C.12	149	112	75	37	0	-37	-75	-112	-149
				C.C.13	103	77	52	26	0	-26	-52	-77	-103
				C.C.14	-837	-628	-418	-209	0	209	418	628	837
				C.C.15	-910	-682	-455	-227	0	227	455	682	910
				C.C.16	-926	-695	-463	-232	0	232	463	695	926
				C.C.17	-999	-749	-500	-250	0	250	500	749	999
				C.C.18	999	749	500	250	0	-250	-500	-749	-999
				C.C.19	926	695	463	232	0	-232	-463	-695	-926
				C.C.20	910	682	455	227	0	-227	-455	-682	-910
				C.C.21	837	628	418	209	0	-209	-418	-628	-837
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	468	351	234	117	0	-117	-234	-351	-468
				C.C.7	422	317	211	106	0	-106	-211	-317	-422
				C.C.8	-81	-60	-40	-20	0	20	40	60	81
				C.C.9	-126	-95	-63	-32	0	32	63	95	126
				C.C.10	126	95	63	32	0	-32	-63	-95	-126
				C.C.11	81	60	40	20	0	-20	-40	-60	-81
				C.C.12	-422	-317	-211	-106	0	106	211	317	422
				C.C.13	-468	-351	-234	-117	0	117	234	351	468
				C.C.14	1001	751	501	250	0	-250	-501	-751	-1001
				C.C.15	929	697	464	232	0	-232	-464	-697	-929
				C.C.16	899	674	449	225	0	-225	-449	-674	-899
				C.C.17	826	620	413	207	0	-207	-413	-620	-826
				C.C.18	-826	-620	-413	-207	0	207	413	620	826
				C.C.19	-899	-674	-449	-225	0	225	449	674	899
				C.C.20	-929	-697	-464	-232	0	232	464	697	929
				C.C.21	-1001	-751	-501	-250	0	250	501	751	1001
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	158	121	84	47	9	-	-	-	-
				C.C.2	161	121	81	42	2	-	-	-	-
				C.C.3	155	120	86	51	17	-	-	-	-
				C.C.4	131	96	61	26	-9	-	-	-	-
				C.C.5	121	95	69	43	17	-	-	-	-
				C.C.6	-854	-375	104	583	1062	-	-	-	-
				C.C.7	-744	-323	98	519	939	-	-	-	-



				C.C.8	-869	-377	115	606	1098	-	-	-	-
				C.C.9	-758	-325	109	542	975	-	-	-	-
				C.C.10	1009	515	21	-473	-967	-	-	-	-
				C.C.11	1120	568	15	-537	-1090	-	-	-	-
				C.C.12	995	513	31	-450	-931	-	-	-	-
				C.C.13	1106	566	26	-514	-1054	-	-	-	-
				C.C.14	-217	-77	64	205	345	-	-	-	-
				C.C.15	-42	7	55	103	151	-	-	-	-
				C.C.16	342	190	39	-112	-264	-	-	-	-
				C.C.17	518	274	30	-214	-458	-	-	-	-
				C.C.18	-266	-83	100	283	466	-	-	-	-
				C.C.19	-90	0	91	181	271	-	-	-	-
				C.C.20	293	184	75	-34	-143	-	-	-	-
				C.C.21	469	267	66	-136	-337	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-160	-122	-83	-45	-6	-	-	-	-
				C.C.2	-163	-122	-81	-40	1	-	-	-	-
				C.C.3	-157	-121	-85	-50	-14	-	-	-	-
				C.C.4	-132	-96	-61	-25	11	-	-	-	-
				C.C.5	-122	-95	-68	-41	-14	-	-	-	-
				C.C.6	-1115	-565	-14	537	1088	-	-	-	-
				C.C.7	-1004	-513	-20	473	966	-	-	-	-
				C.C.8	-1117	-570	-24	521	1067	-	-	-	-
				C.C.9	-1006	-517	-30	457	944	-	-	-	-
				C.C.10	751	326	-99	-523	-947	-	-	-	-
				C.C.11	862	378	-105	-587	-1069	-	-	-	-
				C.C.12	749	321	-109	-539	-968	-	-	-	-
				C.C.13	860	373	-115	-603	-1091	-	-	-	-
				C.C.14	-493	-263	-30	204	437	-	-	-	-
				C.C.15	-317	-180	-39	102	243	-	-	-	-
				C.C.16	67	4	-55	-114	-173	-	-	-	-
				C.C.17	243	87	-65	-216	-367	-	-	-	-
				C.C.18	-498	-279	-64	150	365	-	-	-	-
				C.C.19	-322	-196	-73	49	170	-	-	-	-
				C.C.20	62	-12	-90	-168	-246	-	-	-	-
				C.C.21	238	71	-99	-269	-440	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-13	7	26	46	65	-	-	-	-
				C.C.2	-13	5	24	43	61	-	-	-	-
				C.C.3	-12	8	28	48	68	-	-	-	-
				C.C.4	-5	6	17	29	40	-	-	-	-
				C.C.5	-2	11	24	38	51	-	-	-	-
				C.C.6	-520	-173	174	521	868	-	-	-	-
				C.C.7	-506	-169	168	506	843	-	-	-	-
				C.C.8	-486	-151	185	520	856	-	-	-	-
				C.C.9	-472	-146	179	505	831	-	-	-	-
				C.C.10	465	164	-137	-438	-740	-	-	-	-
				C.C.11	479	168	-143	-454	-765	-	-	-	-
				C.C.12	499	186	-126	-439	-752	-	-	-	-
				C.C.13	513	191	-132	-454	-777	-	-	-	-
				C.C.14	-220	-83	53	190	326	-	-	-	-
				C.C.15	-197	-76	45	166	287	-	-	-	-
				C.C.16	76	18	-40	-98	-156	-	-	-	-
				C.C.17	98	25	-48	-122	-195	-	-	-	-
				C.C.18	-106	-8	90	188	286	-	-	-	-
				C.C.19	-83	-1	82	164	247	-	-	-	-
				C.C.20	190	93	-3	-100	-196	-	-	-	-
				C.C.21	212	101	-11	-124	-235	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	13	-7	-27	-47	-68	-	-	-	-
				C.C.2	14	-5	-25	-45	-64	-	-	-	-
				C.C.3	13	-8	-29	-50	-71	-	-	-	-
				C.C.4	5	-6	-18	-30	-42	-	-	-	-
				C.C.5	3	-11	-25	-39	-53	-	-	-	-
				C.C.6	-476	-166	143	452	761	-	-	-	-
				C.C.7	-461	-162	137	436	736	-	-	-	-
				C.C.8	-516	-191	134	459	784	-	-	-	-
				C.C.9	-502	-187	128	444	759	-	-	-	-
				C.C.10	510	169	-172	-513	-854	-	-	-	-
				C.C.11	525	174	-177	-528	-879	-	-	-	-

				C.C.12	470	144	-181	-505	-831	-	-	-	-
				C.C.13	484	149	-186	-521	-856	-	-	-	-
				C.C.14	-87	-21	45	110	176	-	-	-	-
				C.C.15	-64	-14	36	86	136	-	-	-	-
				C.C.16	209	79	-50	-180	-309	-	-	-	-
				C.C.17	231	87	-58	-204	-348	-	-	-	-
				C.C.18	-223	-104	15	135	253	-	-	-	-
				C.C.19	-200	-97	6	110	213	-	-	-	-
				C.C.20	73	-3	-79	-155	-231	-	-	-	-
				C.C.21	95	4	-88	-179	-271	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	203	161	119	77	35	-	-	-	-
				C.C.2	204	160	117	73	29	-	-	-	-
				C.C.3	201	161	121	81	40	-	-	-	-
				C.C.4	144	112	79	47	15	-	-	-	-
				C.C.5	140	113	87	60	34	-	-	-	-
				C.C.6	-954	-366	222	810	1398	-	-	-	-
				C.C.7	-1017	-397	224	844	1465	-	-	-	-
				C.C.8	-649	-220	209	638	1066	-	-	-	-
				C.C.9	-712	-251	211	672	1133	-	-	-	-
				C.C.10	996	476	-44	-564	-1085	-	-	-	-
				C.C.11	933	445	-43	-530	-1018	-	-	-	-
				C.C.12	1301	622	-58	-737	-1416	-	-	-	-
				C.C.13	1238	591	-56	-703	-1350	-	-	-	-
				C.C.14	-609	-233	144	520	897	-	-	-	-
				C.C.15	-710	-282	146	575	1003	-	-	-	-
				C.C.16	-24	20	64	108	152	-	-	-	-
				C.C.17	-125	-29	66	162	258	-	-	-	-
				C.C.18	409	254	100	-55	-209	-	-	-	-
				C.C.19	308	205	102	-1	-104	-	-	-	-
				C.C.20	994	507	20	-467	-954	-	-	-	-
				C.C.21	893	458	22	-413	-849	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-206	-162	-118	-74	-30	-	-	-	-
				C.C.2	-207	-161	-116	-70	-24	-	-	-	-
				C.C.3	-205	-162	-120	-78	-35	-	-	-	-
				C.C.4	-146	-113	-79	-45	-11	-	-	-	-
				C.C.5	-142	-114	-86	-58	-30	-	-	-	-
				C.C.6	-914	-437	40	517	994	-	-	-	-
				C.C.7	-977	-468	42	551	1060	-	-	-	-
				C.C.8	-1232	-588	56	699	1343	-	-	-	-
				C.C.9	-1295	-619	57	733	1409	-	-	-	-
				C.C.10	1006	392	-222	-836	-1450	-	-	-	-
				C.C.11	943	361	-220	-802	-1384	-	-	-	-
				C.C.12	689	241	-206	-654	-1101	-	-	-	-
				C.C.13	626	210	-205	-620	-1035	-	-	-	-
				C.C.14	147	38	-70	-179	-288	-	-	-	-
				C.C.15	47	-10	-68	-125	-183	-	-	-	-
				C.C.16	723	287	-149	-585	-1021	-	-	-	-
				C.C.17	623	238	-146	-531	-916	-	-	-	-
				C.C.18	-912	-465	-18	429	875	-	-	-	-
				C.C.19	-1012	-514	-16	482	980	-	-	-	-
				C.C.20	-336	-216	-97	23	142	-	-	-	-
				C.C.21	-436	-265	-94	76	247	-	-	-	-

#### 4.3.23 Momento Flettente X-Y - Combinazioni SLE Caratteristiche.

I prospetti seguenti riportano i valori del momento flettente ( $M_{xy}$ ) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 75.I

Momento Flettente ( $M_{xy}$ ) [daNm] - Combinazioni SLE Caratteristiche													
Asta	Imp.	Fili	L [cm]	Comb.	$M_{xy1}$	$M_{xy2}$	$M_{xy3}$	$M_{xy4}$	$M_{xy5}$	$M_{xy6}$	$M_{xy7}$	$M_{xy8}$	$M_{xy9}$
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	22	18	15	11	7	2	-3	-8	-14
				C.C.2	-21	-18	-14	-11	-7	-2	3	8	13
				C.C.3	36	30	24	18	11	3	-5	-14	-23

				C.C.4	-35	-30	-24	-18	-11	-3	5	13	23
				C.C. U1	23	20	16	12	7	2	-3	-9	-14
				C.C. U2	37	32	26	19	11	4	-5	-14	-24
				C.C. U3	24	21	17	12	8	2	-3	-9	-15
				C.C. U4	23	20	16	12	7	2	-3	-8	-14
				C.C. U5	21	18	14	11	6	2	-3	-8	-14
				C.C. U6	35	30	24	18	11	3	-5	-14	-23
				C.C. U7	21	18	14	10	6	2	-3	-8	-14
				C.C. U8	21	18	14	11	6	2	-3	-8	-14
				C.C. U9	22	18	15	11	6	2	-3	-8	-14
				C.C. U10	36	30	24	18	11	3	-5	-14	-23
				C.C. U11	22	18	15	11	6	2	-3	-8	-14
				C.C. U12	22	18	15	11	6	2	-3	-8	-14
				C.C. U13	21	18	14	10	6	2	-3	-8	-13
				C.C. U14	35	30	24	17	11	3	-5	-13	-22
				C.C. U15	21	18	14	10	6	2	-3	-8	-13
				C.C. U16	21	18	14	10	6	2	-3	-8	-13
				C.C. U17	-19	-17	-13	-10	-6	-2	3	8	13
				C.C. U18	-34	-29	-23	-17	-10	-3	5	13	22
				C.C. U19	-18	-16	-13	-9	-6	-2	3	8	13
				C.C. U20	-19	-17	-13	-10	-6	-2	3	8	13
				C.C. U21	-21	-18	-15	-11	-7	-2	3	8	13
				C.C. U22	-35	-30	-24	-18	-11	-4	5	13	23
				C.C. U23	-22	-18	-15	-11	-7	-2	3	8	14
				C.C. U24	-21	-18	-15	-11	-7	-2	3	8	13
				C.C. U25	-21	-18	-15	-11	-7	-2	3	8	13
				C.C. U26	-35	-30	-24	-18	-11	-4	5	13	23
				C.C. U27	-21	-18	-15	-11	-7	-2	3	8	14
				C.C. U28	-21	-18	-15	-11	-7	-2	3	8	14
				C.C. U29	-21	-18	-15	-11	-7	-2	3	8	14
				C.C. U30	-35	-30	-25	-18	-11	-4	5	14	23
				C.C. U31	-22	-19	-15	-11	-7	-2	3	9	15
				C.C. U32	-21	-18	-15	-11	-7	-2	3	8	14
				C.C. U33	21	18	15	11	7	2	-3	-8	-14
				C.C. U34	36	30	24	18	11	3	-5	-14	-23
				C.C. U35	21	18	15	11	6	2	-3	-8	-14
				C.C. U36	-21	-18	-14	-11	-7	-2	3	8	13
				C.C. U37	-35	-30	-24	-18	-11	-3	5	13	23
				C.C. U38	-21	-18	-15	-11	-7	-2	3	8	13
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-14	-11	-8	-7	-5	-5	-4	-5	-6
				C.C.2	13	10	8	6	5	4	4	4	5
				C.C.3	-23	-18	-14	-11	-9	-7	-7	-8	-9
				C.C.4	22	17	13	10	8	7	7	7	9
				C.C. U1	-14	-11	-9	-7	-6	-5	-4	-5	-5
				C.C. U2	-23	-18	-14	-11	-9	-8	-7	-8	-9
				C.C. U3	-15	-12	-9	-7	-6	-5	-5	-5	-5
				C.C. U4	-14	-11	-9	-7	-6	-5	-4	-5	-5
				C.C. U5	-14	-11	-8	-7	-5	-5	-4	-5	-6
				C.C. U6	-23	-18	-14	-11	-9	-7	-7	-8	-9
				C.C. U7	-14	-11	-8	-7	-5	-4	-4	-5	-6
				C.C. U8	-14	-11	-8	-7	-5	-4	-4	-5	-6
				C.C. U9	-14	-11	-9	-7	-6	-5	-4	-5	-5
				C.C. U10	-23	-18	-14	-11	-9	-8	-7	-8	-9
				C.C. U11	-14	-11	-9	-7	-6	-5	-4	-5	-5
				C.C. U12	-14	-11	-9	-7	-5	-5	-4	-5	-5
				C.C. U13	-13	-10	-8	-7	-5	-5	-4	-4	-5
				C.C. U14	-22	-17	-14	-11	-9	-8	-7	-7	-9
				C.C. U15	-12	-10	-8	-7	-6	-5	-4	-4	-5
				C.C. U16	-13	-10	-8	-7	-5	-5	-4	-4	-5
				C.C. U17	13	10	7	6	5	4	4	4	6
				C.C. U18	22	17	13	10	8	7	7	7	9
				C.C. U19	12	9	7	5	4	4	4	4	6
				C.C. U20	13	10	7	6	5	4	4	4	6
				C.C. U21	13	10	8	6	5	4	4	4	5
				C.C. U22	22	17	13	10	8	7	7	7	9
				C.C. U23	13	10	8	6	5	4	4	4	5
				C.C. U24	13	10	8	6	5	4	4	4	5
				C.C. U25	13	10	8	6	5	4	4	4	6
				C.C. U26	22	17	13	10	8	7	7	7	9
				C.C. U27	13	10	8	6	5	4	4	4	6
				C.C. U28	13	10	8	6	5	4	4	4	6

				C.C. U29	14	11	8	6	5	4	4	5	6
				C.C. U30	23	18	14	10	8	7	7	8	10
				C.C. U31	15	11	8	6	5	4	4	5	6
				C.C. U32	14	11	8	6	5	4	4	5	6
				C.C. U33	-14	-11	-8	-7	-5	-5	-4	-5	-6
				C.C. U34	-23	-18	-14	-11	-9	-7	-7	-8	-9
				C.C. U35	-14	-11	-8	-7	-5	-5	-4	-5	-6
				C.C. U36	13	10	8	6	5	4	4	4	5
				C.C. U37	22	17	13	10	8	7	7	7	9
				C.C. U38	13	10	8	6	5	4	4	4	5
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-6	-5	-4	-4	-5	-6	-8	-10	-13
				C.C.2	5	4	4	4	5	6	7	10	13
				C.C.3	-9	-8	-7	-7	-8	-10	-13	-17	-22
				C.C.4	9	7	7	7	8	10	13	16	21
				C.C. U1	-6	-5	-4	-4	-5	-6	-8	-10	-12
				C.C. U2	-9	-8	-7	-7	-8	-10	-13	-16	-21
				C.C. U3	-6	-5	-4	-4	-5	-6	-7	-10	-12
				C.C. U4	-6	-5	-4	-4	-5	-6	-8	-10	-12
				C.C. U5	-6	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U6	-9	-8	-7	-7	-8	-10	-13	-17	-22
				C.C. U7	-6	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U8	-6	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U9	-5	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U10	-9	-8	-7	-7	-8	-10	-13	-17	-21
				C.C. U11	-5	-5	-4	-5	-5	-6	-8	-10	-13
				C.C. U12	-5	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U13	-5	-4	-4	-4	-5	-6	-8	-10	-12
				C.C. U14	-9	-7	-7	-7	-8	-10	-13	-16	-21
				C.C. U15	-5	-4	-4	-5	-5	-6	-8	-10	-12
				C.C. U16	-5	-4	-4	-4	-5	-6	-8	-10	-12
				C.C. U17	5	4	4	4	5	6	8	10	13
				C.C. U18	9	7	7	7	8	10	13	17	22
				C.C. U19	5	4	4	4	5	6	8	10	14
				C.C. U20	5	4	4	4	5	6	8	10	13
				C.C. U21	5	4	4	4	5	6	7	10	12
				C.C. U22	9	7	7	7	8	10	13	16	21
				C.C. U23	5	4	4	4	5	6	7	10	12
				C.C. U24	5	4	4	4	5	6	7	10	13
				C.C. U25	6	4	4	4	4	6	7	10	13
				C.C. U26	9	7	6	7	8	10	13	16	21
				C.C. U27	6	4	4	4	4	5	7	10	13
				C.C. U28	6	4	4	4	4	6	7	10	13
				C.C. U29	6	5	4	4	4	6	8	10	13
				C.C. U30	10	8	7	7	8	10	13	17	22
				C.C. U31	6	5	4	4	4	6	8	10	14
				C.C. U32	6	5	4	4	4	6	8	10	13
				C.C. U33	-6	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U34	-9	-8	-7	-7	-8	-10	-13	-17	-22
				C.C. U35	-6	-5	-4	-4	-5	-6	-8	-10	-13
				C.C. U36	5	4	4	4	5	6	8	10	13
				C.C. U37	9	7	7	7	8	10	13	16	21
				C.C. U38	5	4	4	4	5	6	8	10	13
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-13	-8	-3	1	5	9	12	16	18
				C.C.2	13	8	3	-1	-6	-9	-13	-16	-18
				C.C.3	-22	-13	-5	2	9	15	21	26	30
				C.C.4	22	13	5	-2	-9	-15	-21	-26	-31
				C.C. U1	-13	-8	-4	1	5	8	11	14	17
				C.C. U2	-22	-13	-6	2	8	14	20	25	29
				C.C. U3	-13	-8	-4	0	4	8	11	14	16
				C.C. U4	-13	-8	-3	1	5	8	11	14	17
				C.C. U5	-13	-8	-3	1	5	9	13	16	19
				C.C. U6	-22	-13	-5	2	9	15	21	26	31
				C.C. U7	-13	-8	-3	1	6	9	13	16	19
				C.C. U8	-13	-8	-3	1	5	9	13	16	19
				C.C. U9	-13	-8	-3	1	5	9	12	16	18
				C.C. U10	-22	-13	-5	2	9	15	21	26	31
				C.C. U11	-13	-8	-3	1	5	9	12	16	19
				C.C. U12	-13	-8	-3	1	5	9	12	16	18
				C.C. U13	-12	-8	-3	1	5	9	12	15	18
				C.C. U14	-21	-13	-5	2	9	15	20	26	30

				C.C. U15	-12	-7	-3	1	5	8	12	15	18
				C.C. U16	-12	-8	-3	1	5	9	12	15	18
				C.C. U17	13	8	3	-2	-6	-10	-14	-17	-20
				C.C. U18	22	13	5	-3	-10	-16	-22	-27	-32
				C.C. U19	13	8	3	-2	-7	-11	-14	-18	-21
				C.C. U20	13	8	3	-2	-6	-10	-14	-17	-20
				C.C. U21	13	8	3	-1	-5	-9	-12	-15	-18
				C.C. U22	21	13	5	-2	-9	-15	-21	-26	-30
				C.C. U23	13	8	3	-1	-5	-9	-12	-15	-18
				C.C. U24	13	8	3	-1	-5	-9	-12	-15	-18
				C.C. U25	13	8	3	-2	-6	-9	-13	-16	-18
				C.C. U26	22	13	5	-2	-9	-16	-21	-26	-30
				C.C. U27	13	8	3	-2	-6	-9	-13	-16	-18
				C.C. U28	13	8	3	-2	-6	-9	-13	-16	-18
				C.C. U29	14	8	3	-2	-6	-10	-13	-16	-19
				C.C. U30	22	13	5	-3	-10	-16	-22	-27	-31
				C.C. U31	14	8	3	-2	-6	-10	-13	-16	-19
				C.C. U32	14	8	3	-2	-6	-10	-13	-16	-19
				C.C. U33	-13	-8	-3	1	5	9	12	16	18
				C.C. U34	-22	-13	-5	2	9	15	21	26	30
				C.C. U35	-13	-8	-3	1	5	9	12	15	18
				C.C. U36	13	8	3	-2	-6	-9	-13	-16	-18
				C.C. U37	22	13	5	-2	-9	-15	-21	-26	-31
				C.C. U38	13	8	3	-1	-6	-9	-13	-16	-18
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-28	-27	-27	-26	-24	-22	-20	-17	-14
				C.C.2	27	27	26	25	24	22	20	17	14
				C.C.3	-46	-46	-44	-43	-40	-37	-33	-29	-24
				C.C.4	46	45	44	42	40	37	33	29	24
				C.C. U1	-26	-26	-26	-25	-23	-22	-20	-17	-14
				C.C. U2	-45	-44	-43	-42	-39	-36	-33	-29	-24
				C.C. U3	-25	-25	-25	-24	-23	-21	-19	-17	-15
				C.C. U4	-26	-26	-26	-25	-23	-22	-20	-17	-14
				C.C. U5	-28	-27	-27	-26	-24	-22	-20	-18	-15
				C.C. U6	-46	-46	-44	-43	-40	-37	-34	-29	-24
				C.C. U7	-28	-27	-27	-26	-24	-23	-20	-18	-15
				C.C. U8	-28	-27	-27	-26	-24	-22	-20	-18	-15
				C.C. U9	-28	-28	-27	-26	-24	-22	-20	-17	-14
				C.C. U10	-47	-46	-45	-43	-40	-37	-33	-29	-24
				C.C. U11	-28	-28	-27	-26	-24	-22	-20	-17	-14
				C.C. U12	-28	-28	-27	-26	-24	-22	-20	-17	-14
				C.C. U13	-28	-27	-27	-26	-24	-22	-20	-17	-14
				C.C. U14	-46	-46	-44	-43	-40	-37	-33	-29	-24
				C.C. U15	-28	-27	-27	-26	-24	-22	-20	-17	-14
				C.C. U16	-28	-27	-27	-26	-24	-22	-20	-17	-14
				C.C. U17	29	28	28	26	25	23	20	17	14
				C.C. U18	47	47	45	43	41	37	33	29	24
				C.C. U19	30	29	28	27	25	23	20	17	14
				C.C. U20	29	28	28	26	25	23	20	17	14
				C.C. U21	28	27	26	25	24	22	19	17	14
				C.C. U22	46	45	44	42	40	37	33	28	23
				C.C. U23	28	27	27	25	24	22	19	16	13
				C.C. U24	28	27	26	25	24	22	19	17	13
				C.C. U25	27	27	26	25	24	22	20	17	14
				C.C. U26	46	45	44	42	40	37	33	29	24
				C.C. U27	27	27	26	25	24	22	20	17	14
				C.C. U28	27	27	26	25	24	22	20	17	14
				C.C. U29	27	27	26	25	24	22	20	17	14
				C.C. U30	46	45	44	42	40	37	33	29	24
				C.C. U31	28	27	26	25	24	22	20	17	14
				C.C. U32	28	27	26	25	24	22	20	17	14
				C.C. U33	-28	-27	-27	-26	-24	-22	-20	-17	-14
				C.C. U34	-46	-46	-44	-43	-40	-37	-33	-29	-24
				C.C. U35	-28	-27	-27	-26	-24	-22	-20	-17	-14
				C.C. U36	27	27	26	25	24	22	20	17	14
				C.C. U37	46	45	44	42	40	37	33	29	24
				C.C. U38	28	27	26	25	24	22	20	17	14
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-15	1	18	35	52	69	88	106	125
				C.C.2	15	-1	-18	-35	-52	-70	-88	-106	-125
				C.C.3	-24	2	30	58	87	116	146	177	208
				C.C.4	24	-2	-30	-58	-87	-116	-146	-177	-208

				C.C. U1	-15	1	17	34	51	69	87	105	124
				C.C. U2	-25	2	29	57	86	115	145	176	207
				C.C. U3	-15	1	17	34	51	69	87	105	124
				C.C. U4	-15	1	17	34	51	69	87	105	124
				C.C. U5	-15	1	18	35	52	70	88	106	125
				C.C. U6	-25	2	30	58	87	116	146	177	208
				C.C. U7	-16	1	17	35	52	70	88	107	125
				C.C. U8	-15	1	18	35	52	70	88	106	125
				C.C. U9	-15	1	18	35	52	70	88	106	125
				C.C. U10	-24	2	30	58	87	116	146	177	208
				C.C. U11	-15	1	18	35	52	70	88	106	125
				C.C. U12	-15	1	18	35	52	70	88	106	125
				C.C. U13	-15	1	18	35	52	70	88	106	125
				C.C. U14	-24	2	30	58	87	116	146	177	208
				C.C. U15	-15	1	18	35	52	70	88	106	125
				C.C. U16	-15	1	18	35	52	70	88	106	125
				C.C. U17	14	-2	-18	-35	-52	-70	-88	-107	-126
				C.C. U18	24	-3	-30	-58	-87	-117	-147	-177	-209
				C.C. U19	14	-2	-19	-35	-53	-71	-89	-107	-126
				C.C. U20	14	-2	-18	-35	-53	-70	-88	-107	-126
				C.C. U21	14	-2	-18	-35	-52	-69	-87	-106	-125
				C.C. U22	24	-3	-30	-58	-87	-116	-146	-176	-208
				C.C. U23	13	-2	-18	-35	-52	-69	-87	-105	-124
				C.C. U24	14	-2	-18	-35	-52	-69	-87	-106	-125
				C.C. U25	15	-1	-18	-35	-52	-70	-88	-106	-125
				C.C. U26	24	-2	-30	-58	-87	-116	-146	-177	-208
				C.C. U27	15	-1	-18	-35	-52	-70	-88	-106	-125
				C.C. U28	15	-1	-18	-35	-52	-70	-88	-106	-125
				C.C. U29	15	-2	-18	-35	-52	-70	-88	-106	-125
				C.C. U30	24	-2	-30	-58	-87	-116	-146	-177	-208
				C.C. U31	15	-2	-18	-35	-52	-70	-88	-106	-125
				C.C. U32	15	-2	-18	-35	-52	-70	-88	-106	-125
				C.C. U33	-15	1	18	35	52	69	88	106	125
				C.C. U34	-24	2	30	58	87	116	146	177	208
				C.C. U35	-15	1	18	35	52	69	88	106	125
				C.C. U36	15	-1	-18	-35	-52	-70	-88	-106	-125
				C.C. U37	24	-2	-30	-58	-87	-116	-146	-177	-208
				C.C. U38	15	-2	-18	-35	-52	-70	-88	-106	-125
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	26	26	26	25	24	23	22	20	17
				C.C.2	-25	-25	-25	-25	-24	-23	-21	-19	-17
				C.C.3	42	43	43	42	40	38	36	33	29
				C.C.4	-42	-42	-42	-41	-40	-38	-36	-32	-29
				C.C. U1	27	27	27	26	25	24	22	20	17
				C.C. U2	44	44	44	43	41	39	36	33	28
				C.C. U3	29	29	28	27	26	24	22	20	17
				C.C. U4	27	27	27	26	25	24	22	20	17
				C.C. U5	25	26	26	25	24	23	21	20	17
				C.C. U6	42	43	42	42	40	38	36	33	29
				C.C. U7	25	26	25	25	24	23	21	19	17
				C.C. U8	25	26	26	25	24	23	21	20	17
				C.C. U9	26	26	26	25	25	23	22	20	17
				C.C. U10	43	43	43	42	41	39	36	33	29
				C.C. U11	26	26	26	26	25	23	22	20	17
				C.C. U12	26	26	26	25	25	23	22	20	17
				C.C. U13	26	26	26	25	24	23	22	20	17
				C.C. U14	42	43	43	42	41	39	36	33	29
				C.C. U15	26	26	26	25	24	23	22	20	17
				C.C. U16	26	26	26	25	24	23	22	20	17
				C.C. U17	-23	-23	-24	-24	-23	-22	-21	-19	-17
				C.C. U18	-40	-40	-41	-40	-39	-38	-35	-32	-29
				C.C. U19	-22	-22	-23	-23	-22	-22	-21	-19	-18
				C.C. U20	-23	-23	-24	-24	-23	-22	-21	-19	-17
				C.C. U21	-25	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U22	-42	-42	-42	-42	-40	-38	-36	-32	-29
				C.C. U23	-25	-25	-25	-25	-24	-23	-22	-20	-17
				C.C. U24	-25	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U25	-24	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U26	-41	-42	-42	-41	-40	-38	-36	-32	-29
				C.C. U27	-24	-25	-25	-24	-24	-23	-21	-19	-17
				C.C. U28	-24	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U29	-25	-25	-25	-25	-24	-23	-21	-19	-17

				C.C. U30	-41	-42	-42	-41	-40	-38	-36	-32	-29
				C.C. U31	-25	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U32	-25	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U33	26	26	26	25	24	23	22	20	17
				C.C. U34	42	43	43	42	41	38	36	33	29
				C.C. U35	25	26	26	25	24	23	22	20	17
				C.C. U36	-25	-25	-25	-25	-24	-23	-21	-19	-17
				C.C. U37	-41	-42	-42	-41	-40	-38	-36	-32	-29
				C.C. U38	-25	-25	-25	-25	-24	-23	-21	-19	-17
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	18	1	-16	-33	-51	-69	-88	-107	-127
				C.C.2	-18	-1	16	33	51	70	88	107	127
				C.C.3	30	2	-27	-56	-85	-116	-147	-179	-211
				C.C.4	-30	-2	27	56	85	116	147	179	211
				C.C. U1	17	1	-16	-34	-52	-70	-89	-108	-127
				C.C. U2	29	1	-27	-56	-86	-116	-147	-179	-211
				C.C. U3	17	0	-17	-34	-52	-70	-89	-108	-127
				C.C. U4	17	1	-16	-34	-52	-70	-89	-108	-127
				C.C. U5	18	1	-16	-33	-51	-69	-88	-107	-126
				C.C. U6	30	2	-27	-56	-85	-116	-147	-179	-211
				C.C. U7	18	1	-16	-33	-51	-70	-88	-107	-126
				C.C. U8	18	1	-16	-33	-51	-69	-88	-107	-126
				C.C. U9	18	1	-16	-33	-51	-69	-88	-107	-127
				C.C. U10	30	2	-27	-56	-85	-116	-147	-179	-211
				C.C. U11	18	1	-16	-33	-51	-70	-88	-107	-127
				C.C. U12	18	1	-16	-33	-51	-69	-88	-107	-127
				C.C. U13	18	1	-16	-33	-51	-70	-88	-107	-127
				C.C. U14	30	2	-27	-56	-85	-116	-147	-179	-211
				C.C. U15	18	1	-16	-33	-51	-70	-88	-107	-127
				C.C. U16	18	1	-16	-33	-51	-69	-88	-107	-127
				C.C. U17	-18	-2	16	33	51	69	88	107	126
				C.C. U18	-30	-2	26	55	85	115	146	178	211
				C.C. U19	-19	-2	15	33	51	69	87	106	126
				C.C. U20	-18	-2	16	33	51	69	88	107	126
				C.C. U21	-18	-1	16	33	51	69	88	107	127
				C.C. U22	-30	-2	27	56	85	116	147	179	211
				C.C. U23	-18	-1	16	33	51	69	88	107	127
				C.C. U24	-18	-1	16	33	51	69	88	107	127
				C.C. U25	-18	-1	16	33	51	69	88	107	127
				C.C. U26	-30	-2	27	56	85	116	147	179	211
				C.C. U27	-18	-1	16	33	51	69	88	107	127
				C.C. U28	-18	-1	16	33	51	69	88	107	127
				C.C. U29	-18	-1	16	33	51	69	88	107	127
				C.C. U30	-30	-2	27	56	85	116	147	179	211
				C.C. U31	-18	-1	16	33	51	69	88	107	126
				C.C. U32	-18	-1	16	33	51	69	88	107	127
				C.C. U33	18	1	-16	-33	-51	-69	-88	-107	-127
				C.C. U34	30	2	-27	-56	-85	-116	-147	-179	-211
				C.C. U35	18	1	-16	-33	-51	-69	-88	-107	-127
				C.C. U36	-18	-1	16	33	51	70	88	107	127
				C.C. U37	-30	-2	27	56	85	116	147	179	211
				C.C. U38	-18	-1	16	33	51	70	88	107	127
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	108	70	33	-4	-41	-77	-113	-148	-183
				C.C.2	-108	-70	-33	5	41	78	114	150	185
				C.C.3	180	117	54	-7	-69	-129	-189	-248	-306
				C.C.4	-180	-117	-54	8	69	129	189	249	307
				C.C. U1	110	71	33	-4	-41	-78	-115	-151	-186
				C.C. U2	182	118	55	-7	-69	-130	-190	-250	-309
				C.C. U3	111	72	34	-4	-42	-79	-116	-152	-188
				C.C. U4	110	71	33	-4	-41	-78	-115	-151	-186
				C.C. U5	108	70	33	-4	-41	-77	-113	-148	-183
				C.C. U6	180	117	54	-7	-68	-129	-188	-247	-306
				C.C. U7	108	70	33	-4	-41	-77	-112	-148	-183
				C.C. U8	108	70	33	-4	-41	-77	-113	-148	-183
				C.C. U9	108	70	32	-5	-41	-77	-113	-149	-184
				C.C. U10	180	117	54	-8	-69	-129	-189	-248	-306
				C.C. U11	108	70	32	-5	-41	-78	-113	-149	-184
				C.C. U12	108	70	32	-5	-41	-77	-113	-149	-184
				C.C. U13	108	70	33	-4	-41	-77	-113	-148	-184
				C.C. U14	180	117	54	-7	-69	-129	-189	-248	-306
				C.C. U15	108	70	32	-5	-41	-77	-113	-149	-184

				C.C. U16	108	70	33	-4	-41	-77	-113	-149	-184
				C.C. U17	-106	-69	-32	5	41	77	112	147	182
				C.C. U18	-178	-116	-54	8	68	128	188	247	305
				C.C. U19	-105	-68	-31	5	41	76	111	146	180
				C.C. U20	-106	-69	-32	5	41	77	112	147	182
				C.C. U21	-108	-70	-32	5	42	78	114	150	185
				C.C. U22	-180	-117	-54	8	69	130	190	249	308
				C.C. U23	-108	-70	-32	5	42	78	114	150	185
				C.C. U24	-108	-70	-32	5	42	78	114	150	185
				C.C. U25	-108	-70	-33	4	41	78	114	149	185
				C.C. U26	-180	-117	-54	7	69	129	189	248	307
				C.C. U27	-108	-70	-33	4	41	77	113	149	184
				C.C. U28	-108	-70	-33	4	41	78	114	149	184
				C.C. U29	-108	-70	-33	5	41	78	114	149	185
				C.C. U30	-180	-117	-54	8	69	129	189	249	307
				C.C. U31	-108	-70	-33	5	41	78	114	149	184
				C.C. U32	-108	-70	-33	5	41	78	114	149	185
				C.C. U33	108	70	33	-4	-41	-77	-113	-148	-183
				C.C. U34	180	117	54	-7	-68	-129	-189	-248	-306
				C.C. U35	108	70	33	-4	-41	-77	-113	-148	-183
				C.C. U36	-108	-70	-33	5	41	78	114	150	185
				C.C. U37	-180	-117	-54	8	69	130	189	249	308
				C.C. U38	-108	-70	-33	5	41	78	114	150	185
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-110	-71	-34	4	40	77	113	149	184
				C.C.2	111	72	34	-4	-41	-78	-115	-151	-187
				C.C.3	-183	-119	-56	6	68	129	189	249	308
				C.C.4	184	120	57	-6	-68	-130	-190	-250	-310
				C.C. U1	-107	-70	-33	4	40	76	111	146	181
				C.C. U2	-181	-118	-56	6	67	127	187	246	304
				C.C. U3	-106	-69	-33	4	39	75	110	144	179
				C.C. U4	-107	-70	-33	4	40	76	111	146	181
				C.C. U5	-110	-72	-34	4	40	77	113	149	185
				C.C. U6	-183	-119	-56	6	68	129	189	249	308
				C.C. U7	-110	-72	-34	3	41	77	113	149	185
				C.C. U8	-110	-72	-34	4	40	77	113	149	185
				C.C. U9	-110	-71	-34	4	41	77	113	149	185
				C.C. U10	-183	-119	-56	6	68	129	189	249	308
				C.C. U11	-110	-71	-34	4	41	77	114	149	185
				C.C. U12	-110	-71	-34	4	41	77	113	149	185
				C.C. U13	-110	-71	-34	4	41	77	113	149	184
				C.C. U14	-183	-119	-56	6	68	129	189	249	308
				C.C. U15	-110	-71	-34	4	41	77	113	149	185
				C.C. U16	-110	-71	-34	4	41	77	113	149	184
				C.C. U17	113	74	35	-4	-42	-79	-117	-154	-190
				C.C. U18	186	122	57	-6	-69	-131	-192	-253	-314
				C.C. U19	114	75	35	-4	-42	-80	-118	-155	-192
				C.C. U20	113	74	35	-4	-42	-79	-117	-153	-190
				C.C. U21	111	72	34	-4	-41	-78	-114	-151	-186
				C.C. U22	184	120	57	-6	-68	-130	-190	-250	-310
				C.C. U23	111	72	34	-4	-41	-78	-114	-150	-186
				C.C. U24	111	72	34	-4	-41	-78	-114	-150	-186
				C.C. U25	111	72	34	-4	-41	-78	-114	-150	-186
				C.C. U26	184	120	57	-6	-68	-129	-190	-250	-310
				C.C. U27	111	72	34	-3	-41	-78	-114	-150	-186
				C.C. U28	111	72	34	-4	-41	-78	-114	-150	-186
				C.C. U29	111	72	34	-4	-41	-78	-114	-151	-186
				C.C. U30	184	120	57	-6	-68	-130	-190	-250	-310
				C.C. U31	111	72	34	-4	-41	-78	-114	-150	-186
				C.C. U32	111	72	34	-4	-41	-78	-114	-151	-186
				C.C. U33	-110	-71	-34	4	40	77	113	149	184
				C.C. U34	-183	-119	-56	6	68	129	189	249	308
				C.C. U35	-110	-71	-34	4	40	77	113	149	184
				C.C. U36	111	72	34	-4	-41	-78	-115	-151	-187
				C.C. U37	184	120	57	-6	-68	-130	-190	-251	-310
				C.C. U38	111	72	34	-4	-41	-78	-115	-151	-187
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	30	19	9	-1	-11	-20	-29	-37	-45
				C.C.2	-34	-22	-11	0	10	20	30	39	47
				C.C.3	52	33	16	-2	-18	-34	-49	-63	-76
				C.C.4	-54	-35	-17	1	17	34	49	64	78
				C.C. U1	33	21	10	0	-10	-20	-29	-38	-46



				C.C. U2	54	35	17	-1	-17	-34	-49	-63	-77
				C.C. U3	34	23	11	0	-10	-20	-29	-39	-47
				C.C. U4	33	21	10	0	-10	-20	-29	-38	-46
				C.C. U5	29	19	8	-2	-11	-20	-29	-37	-45
				C.C. U6	51	33	15	-2	-18	-34	-49	-63	-76
				C.C. U7	29	18	8	-2	-11	-20	-29	-37	-45
				C.C. U8	30	19	8	-2	-11	-20	-29	-37	-45
				C.C. U9	31	20	10	-1	-10	-20	-29	-38	-47
				C.C. U10	53	34	16	-1	-18	-34	-49	-64	-78
				C.C. U11	32	21	10	0	-10	-20	-30	-39	-48
				C.C. U12	31	20	10	0	-10	-20	-29	-38	-47
				C.C. U13	30	19	9	-1	-11	-20	-29	-37	-45
				C.C. U14	51	33	15	-2	-18	-34	-48	-63	-76
				C.C. U15	30	19	9	-1	-11	-20	-29	-37	-45
				C.C. U16	30	19	9	-1	-11	-20	-29	-37	-45
				C.C. U17	-31	-20	-9	1	11	20	29	38	46
				C.C. U18	-52	-34	-16	1	18	34	49	63	77
				C.C. U19	-30	-19	-8	2	11	20	29	37	45
				C.C. U20	-31	-20	-9	1	11	20	29	38	46
				C.C. U21	-34	-23	-11	0	10	20	30	39	47
				C.C. U22	-55	-36	-18	0	17	33	49	64	78
				C.C. U23	-35	-23	-11	-1	10	20	30	39	48
				C.C. U24	-34	-22	-11	0	10	20	30	39	47
				C.C. U25	-33	-21	-10	1	11	20	29	38	46
				C.C. U26	-54	-35	-16	1	18	34	49	63	76
				C.C. U27	-32	-20	-9	1	11	20	29	37	45
				C.C. U28	-32	-21	-10	1	11	20	29	38	46
				C.C. U29	-34	-22	-11	0	10	20	30	39	47
				C.C. U30	-55	-36	-17	0	17	34	49	64	78
				C.C. U31	-34	-22	-11	0	10	20	30	39	47
				C.C. U32	-34	-22	-11	0	10	20	30	39	47
				C.C. U33	30	19	9	-1	-11	-20	-29	-37	-45
				C.C. U34	52	33	15	-2	-18	-34	-49	-63	-76
				C.C. U35	30	19	9	-1	-11	-20	-29	-37	-45
				C.C. U36	-34	-22	-11	0	10	20	30	39	47
				C.C. U37	-55	-36	-17	0	17	34	49	64	78
				C.C. U38	-33	-22	-11	0	10	20	30	39	47
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	33	31	30	29	28	28	29	30	32
				C.C.2	-33	-31	-29	-28	-28	-28	-29	-30	-32
				C.C.3	55	52	49	47	47	47	48	50	54
				C.C.4	-55	-51	-49	-47	-46	-47	-48	-50	-53
				C.C. U1	33	31	29	28	28	28	29	31	33
				C.C. U2	55	51	49	47	47	47	48	51	54
				C.C. U3	33	30	29	28	28	28	29	31	33
				C.C. U4	33	31	29	28	28	28	29	31	33
				C.C. U5	33	31	30	29	28	28	29	30	32
				C.C. U6	55	52	49	47	47	47	48	50	54
				C.C. U7	33	31	30	29	28	28	29	30	32
				C.C. U8	33	31	30	29	28	28	29	30	32
				C.C. U9	32	31	29	29	28	28	29	30	31
				C.C. U10	54	51	49	47	47	47	48	50	53
				C.C. U11	32	30	29	29	28	28	29	30	31
				C.C. U12	32	31	29	29	28	28	29	30	31
				C.C. U13	33	31	30	29	28	29	29	30	32
				C.C. U14	55	52	49	48	47	47	48	51	54
				C.C. U15	33	31	30	29	29	29	29	30	32
				C.C. U16	33	31	30	29	28	29	29	30	32
				C.C. U17	-33	-31	-29	-28	-28	-28	-29	-30	-31
				C.C. U18	-55	-52	-49	-47	-47	-47	-48	-50	-53
				C.C. U19	-33	-31	-30	-29	-28	-28	-28	-29	-31
				C.C. U20	-33	-31	-29	-28	-28	-28	-29	-30	-31
				C.C. U21	-33	-31	-29	-28	-28	-28	-29	-30	-32
				C.C. U22	-55	-51	-49	-47	-46	-47	-48	-50	-53
				C.C. U23	-33	-31	-29	-28	-28	-28	-29	-30	-32
				C.C. U24	-33	-31	-29	-28	-28	-28	-29	-30	-32
				C.C. U25	-34	-31	-29	-28	-28	-28	-29	-30	-33
				C.C. U26	-56	-52	-49	-47	-46	-47	-48	-51	-54
				C.C. U27	-34	-31	-29	-28	-28	-28	-29	-31	-33
				C.C. U28	-34	-31	-29	-28	-28	-28	-29	-30	-33
				C.C. U29	-33	-31	-29	-28	-27	-28	-28	-30	-32
				C.C. U30	-55	-51	-49	-47	-46	-46	-48	-50	-53

				C.C. U31	-33	-31	-29	-28	-27	-28	-28	-30	-32
				C.C. U32	-33	-31	-29	-28	-27	-28	-29	-30	-32
				C.C. U33	33	31	30	29	28	28	29	30	32
				C.C. U34	55	52	49	47	47	47	48	51	54
				C.C. U35	33	31	29	29	28	28	29	30	32
				C.C. U36	-33	-31	-29	-28	-28	-28	-29	-30	-32
				C.C. U37	-55	-51	-49	-47	-46	-47	-48	-50	-53
				C.C. U38	-33	-31	-29	-28	-28	-28	-29	-30	-32
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-44	-37	-29	-20	-11	-2	8	18	29
				C.C.2	47	38	29	20	10	0	-11	-22	-33
				C.C.3	-75	-62	-48	-33	-18	-2	15	32	50
				C.C.4	77	63	49	33	17	1	-17	-35	-54
				C.C. U1	-43	-36	-29	-20	-12	-3	7	17	27
				C.C. U2	-74	-61	-48	-34	-19	-3	13	30	48
				C.C. U3	-43	-36	-29	-21	-12	-3	6	16	26
				C.C. U4	-43	-36	-29	-20	-12	-3	7	17	27
				C.C. U5	-44	-37	-29	-20	-11	-2	8	18	29
				C.C. U6	-75	-62	-48	-33	-18	-2	14	32	50
				C.C. U7	-44	-37	-29	-20	-11	-2	8	19	29
				C.C. U8	-44	-37	-29	-20	-11	-2	8	19	29
				C.C. U9	-46	-38	-29	-20	-11	-1	9	19	30
				C.C. U10	-76	-63	-48	-33	-18	-1	15	33	51
				C.C. U11	-47	-38	-29	-20	-10	0	10	20	31
				C.C. U12	-46	-38	-29	-20	-11	-1	9	19	30
				C.C. U13	-44	-37	-28	-20	-11	-2	8	18	28
				C.C. U14	-75	-62	-48	-33	-18	-2	14	32	49
				C.C. U15	-44	-37	-28	-20	-11	-2	8	18	28
				C.C. U16	-44	-37	-28	-20	-11	-2	8	18	29
				C.C. U17	48	39	29	20	9	-1	-12	-23	-35
				C.C. U18	78	64	49	33	17	0	-18	-37	-56
				C.C. U19	48	39	29	19	9	-2	-13	-24	-36
				C.C. U20	48	39	29	20	9	-1	-12	-23	-35
				C.C. U21	47	38	29	20	10	0	-11	-22	-33
				C.C. U22	77	63	49	33	17	1	-17	-35	-54
				C.C. U23	47	38	29	20	10	0	-10	-21	-33
				C.C. U24	47	38	29	20	10	0	-10	-21	-33
				C.C. U25	45	37	29	20	11	1	-10	-21	-32
				C.C. U26	76	62	48	34	18	1	-16	-34	-53
				C.C. U27	44	37	29	20	11	1	-9	-20	-31
				C.C. U28	45	37	29	20	11	1	-10	-21	-32
				C.C. U29	47	38	30	20	10	0	-11	-22	-34
				C.C. U30	77	63	49	34	17	1	-17	-35	-54
				C.C. U31	47	38	30	20	10	0	-11	-22	-34
				C.C. U32	47	38	29	20	10	0	-11	-22	-34
				C.C. U33	-44	-37	-29	-20	-11	-2	8	18	29
				C.C. U34	-75	-62	-48	-33	-18	-2	14	32	50
				C.C. U35	-44	-37	-29	-20	-11	-2	8	18	29
				C.C. U36	47	38	29	20	10	0	-11	-22	-33
				C.C. U37	77	63	49	33	17	1	-17	-35	-54
				C.C. U38	47	38	29	20	10	0	-11	-22	-33
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-11	-11	-11	-11	-10	-10	-10	-9	-9
				C.C.2	7	7	7	7	8	8	8	8	9
				C.C.3	-17	-17	-17	-16	-16	-16	-16	-15	-15
				C.C.4	13	13	13	13	14	14	14	14	15
				C.C. U1	-12	-11	-11	-11	-10	-10	-10	-10	-9
				C.C. U2	-18	-17	-17	-17	-16	-16	-16	-15	-15
				C.C. U3	-12	-11	-11	-11	-10	-10	-10	-9	-9
				C.C. U4	-12	-12	-11	-11	-11	-10	-10	-10	-9
				C.C. U5	-12	-11	-11	-11	-10	-10	-10	-10	-9
				C.C. U6	-17	-17	-17	-17	-16	-16	-16	-16	-15
				C.C. U7	-11	-11	-11	-11	-10	-10	-10	-10	-9
				C.C. U8	-12	-11	-11	-11	-11	-10	-10	-10	-10
				C.C. U9	-12	-11	-11	-11	-10	-10	-10	-10	-9
				C.C. U10	-17	-17	-17	-17	-16	-16	-16	-16	-15
				C.C. U11	-11	-11	-11	-11	-10	-10	-10	-10	-9
				C.C. U12	-12	-11	-11	-11	-11	-10	-10	-10	-10
				C.C. U13	-1	-8	-12	-15	-16	-15	-11	-6	1
				C.C. U14	-7	-13	-18	-21	-22	-21	-17	-12	-5
				C.C. U15	7	-5	-13	-18	-20	-18	-12	-3	9

				C.C. U16	-1	-8	-13	-15	-16	-15	-12	-6	1
				C.C. U17	6	6	7	7	7	8	8	8	9
				C.C. U18	12	12	13	13	13	14	14	14	15
				C.C. U19	6	6	7	7	7	8	8	8	9
				C.C. U20	6	6	7	7	7	8	8	8	8
				C.C. U21	6	7	7	7	7	8	8	8	8
				C.C. U22	12	13	13	13	13	14	14	14	14
				C.C. U23	6	7	7	7	7	8	8	8	8
				C.C. U24	6	6	7	7	7	7	8	8	8
				C.C. U25	6	7	7	7	7	8	8	8	8
				C.C. U26	12	13	13	13	13	14	14	14	14
				C.C. U27	6	7	7	7	7	8	8	8	8
				C.C. U28	6	6	7	7	7	7	8	8	8
				C.C. U29	17	10	5	3	2	3	7	12	19
				C.C. U30	23	16	11	9	8	9	13	18	25
				C.C. U31	25	13	5	0	-2	0	6	14	27
				C.C. U32	17	10	5	2	2	3	6	12	19
				C.C. U33	-12	-11	-11	-11	-10	-10	-10	-10	-9
				C.C. U34	-17	-17	-17	-17	-16	-16	-16	-16	-15
				C.C. U35	-12	-11	-11	-11	-11	-10	-10	-10	-10
				C.C. U36	6	7	7	7	7	8	8	8	8
				C.C. U37	12	13	13	13	13	14	14	14	14
				C.C. U38	6	6	7	7	7	7	8	8	8
<b>15</b>	<b>piano 1</b>	<b>1, 3</b>	<b>120.00</b>		<b>(X=0)</b>	<b>(X=15)</b>	<b>(X=30)</b>	<b>(X=45)</b>	<b>(X=60)</b>	<b>(X=75)</b>	<b>(X=90)</b>	<b>(X=105)</b>	<b>(X=L)</b>
				C.C.1	13	11	9	7	5	3	1	0	-2
				C.C.2	-5	-5	-4	-3	-2	-1	0	1	2
				C.C.3	19	16	13	10	7	4	2	-1	-4
				C.C.4	-12	-10	-8	-6	-5	-3	-1	1	3
				C.C. U1	13	11	9	7	5	3	1	-1	-3
				C.C. U2	19	16	13	10	7	4	2	-1	-4
				C.C. U3	12	11	9	7	5	3	1	-1	-2
				C.C. U4	13	11	9	7	5	3	1	-1	-3
				C.C. U5	11	10	9	7	6	4	2	0	-3
				C.C. U6	17	15	13	10	8	5	2	-1	-4
				C.C. U7	9	9	8	7	6	4	2	0	-2
				C.C. U8	11	10	9	7	5	3	1	-1	-3
				C.C. U9	13	11	9	7	5	3	1	-1	-3
				C.C. U10	19	16	13	10	7	4	2	-1	-4
				C.C. U11	12	11	9	7	5	3	1	-1	-2
				C.C. U12	13	11	9	7	5	3	1	-1	-3
				C.C. U13	14	12	10	7	5	3	1	-1	-4
				C.C. U14	20	17	14	11	7	4	1	-2	-5
				C.C. U15	14	12	10	7	5	3	0	-2	-4
				C.C. U16	14	12	9	7	5	2	0	-2	-4
				C.C. U17	-6	-5	-4	-3	-2	-1	0	1	2
				C.C. U18	-12	-10	-8	-6	-4	-3	-1	1	3
				C.C. U19	-6	-5	-4	-3	-2	-1	0	1	2
				C.C. U20	-5	-5	-4	-3	-2	-2	-1	0	1
				C.C. U21	-8	-6	-4	-3	-1	0	1	1	2
				C.C. U22	-14	-11	-9	-6	-4	-2	0	2	3
				C.C. U23	-10	-7	-5	-3	-1	0	1	2	2
				C.C. U24	-7	-6	-4	-3	-2	-1	0	0	1
				C.C. U25	-6	-5	-4	-3	-2	-1	0	1	2
				C.C. U26	-12	-10	-8	-6	-4	-3	-1	1	3
				C.C. U27	-6	-5	-4	-3	-2	-1	0	1	2
				C.C. U28	-5	-5	-4	-3	-2	-2	-1	0	1
				C.C. U29	-5	-4	-3	-3	-2	-1	-1	0	1
				C.C. U30	-11	-9	-8	-6	-4	-3	-1	0	2
				C.C. U31	-4	-4	-3	-3	-2	-2	-1	0	0
				C.C. U32	-4	-4	-3	-3	-2	-2	-1	-1	0
				C.C. U33	13	11	9	7	5	3	1	-1	-3
				C.C. U34	19	16	13	10	7	4	1	-2	-5
				C.C. U35	14	11	9	7	5	3	0	-2	-4
				C.C. U36	-5	-4	-4	-3	-2	-1	0	0	1
				C.C. U37	-11	-10	-8	-6	-4	-3	-1	1	2
				C.C. U38	-5	-4	-4	-3	-2	-2	-1	0	0
<b>16</b>	<b>piano 1</b>	<b>7, 1</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0

				C.C. U1	-9	-7	-4	-2	0	2	4	7	9
				C.C. U2	-9	-7	-4	-2	0	2	4	7	9
				C.C. U3	-15	-11	-7	-4	0	4	7	11	15
				C.C. U4	-9	-7	-4	-2	0	2	4	7	9
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	-26	-20	-13	-7	0	7	13	20	26
				C.C. U10	-26	-20	-13	-7	0	7	13	20	26
				C.C. U11	-44	-33	-22	-11	0	11	22	33	44
				C.C. U12	-26	-20	-13	-7	0	7	13	20	26
				C.C. U13	14	10	7	3	0	-3	-7	-10	-14
				C.C. U14	14	10	7	3	0	-3	-7	-10	-14
				C.C. U15	23	17	11	6	0	-6	-11	-17	-23
				C.C. U16	14	10	7	3	0	-3	-7	-10	-14
				C.C. U17	-9	-7	-4	-2	0	2	4	7	9
				C.C. U18	-9	-7	-4	-2	0	2	4	7	9
				C.C. U19	-15	-11	-7	-4	0	4	7	11	15
				C.C. U20	-9	-7	-4	-2	0	2	4	7	9
				C.C. U21	0	0	0	0	0	0	0	0	0
				C.C. U22	0	0	0	0	0	0	0	0	0
				C.C. U23	0	0	0	0	0	0	0	0	0
				C.C. U24	0	0	0	0	0	0	0	0	0
				C.C. U25	-26	-20	-13	-7	0	7	13	20	26
				C.C. U26	-26	-20	-13	-7	0	7	13	20	26
				C.C. U27	-44	-33	-22	-11	0	11	22	33	44
				C.C. U28	-26	-20	-13	-7	0	7	13	20	26
				C.C. U29	14	10	7	3	0	-3	-7	-10	-14
				C.C. U30	14	10	7	3	0	-3	-7	-10	-14
				C.C. U31	23	17	11	6	0	-6	-11	-17	-23
				C.C. U32	14	10	7	3	0	-3	-7	-10	-14
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	8	6	4	2	0	-2	-4	-6	-8
				C.C. U2	8	6	4	2	0	-2	-4	-6	-8
				C.C. U3	14	10	7	3	0	-3	-7	-10	-14
				C.C. U4	8	6	4	2	0	-2	-4	-6	-8
				C.C. U5	-25	-18	-12	-6	0	6	12	18	25
				C.C. U6	-25	-18	-12	-6	0	6	12	18	25
				C.C. U7	-41	-31	-20	-10	0	10	20	31	41
				C.C. U8	-25	-18	-12	-6	0	6	12	18	25
				C.C. U9	-3	-3	-2	-1	0	1	2	3	3
				C.C. U10	-3	-3	-2	-1	0	1	2	3	3
				C.C. U11	-6	-4	-3	-1	0	1	3	4	6
				C.C. U12	-3	-3	-2	-1	0	1	2	3	3
				C.C. U13	3	2	2	1	0	-1	-2	-2	-3
				C.C. U14	3	2	2	1	0	-1	-2	-2	-3
				C.C. U15	5	4	3	1	0	-1	-3	-4	-5
				C.C. U16	3	2	2	1	0	-1	-2	-2	-3
				C.C. U17	8	6	4	2	0	-2	-4	-6	-8
				C.C. U18	8	6	4	2	0	-2	-4	-6	-8
				C.C. U19	14	10	7	3	0	-3	-7	-10	-14
				C.C. U20	8	6	4	2	0	-2	-4	-6	-8
				C.C. U21	-25	-18	-12	-6	0	6	12	18	25
				C.C. U22	-25	-18	-12	-6	0	6	12	18	25
				C.C. U23	-41	-31	-20	-10	0	10	20	31	41
				C.C. U24	-25	-18	-12	-6	0	6	12	18	25
				C.C. U25	-3	-3	-2	-1	0	1	2	3	3
				C.C. U26	-3	-3	-2	-1	0	1	2	3	3
				C.C. U27	-6	-4	-3	-1	0	1	3	4	6
				C.C. U28	-3	-3	-2	-1	0	1	2	3	3
				C.C. U29	3	2	2	1	0	-1	-2	-2	-3

				C.C. U30	3	2	2	1	0	-1	-2	-2	-3
				C.C. U31	5	4	3	1	0	-1	-3	-4	-5
				C.C. U32	3	2	2	1	0	-1	-2	-2	-3
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-12	-10	-8	-6	-5	-3	-1	1	2
				C.C.2	7	6	5	3	2	1	0	-1	-2
				C.C.3	-17	-15	-12	-9	-7	-4	-1	1	4
				C.C.4	13	11	9	7	5	3	1	-1	-3
				C.C. U1	-12	-10	-8	-6	-4	-3	-1	1	3
				C.C. U2	-18	-15	-12	-10	-7	-4	-1	2	5
				C.C. U3	-12	-10	-8	-6	-4	-3	-1	1	3
				C.C. U4	-12	-10	-8	-6	-4	-2	0	2	4
				C.C. U5	-16	-13	-10	-7	-4	-2	1	4	7
				C.C. U6	-22	-18	-14	-11	-7	-3	1	5	8
				C.C. U7	-18	-15	-11	-8	-4	-1	3	6	10
				C.C. U8	-16	-13	-10	-7	-4	-1	2	5	8
				C.C. U9	-11	-10	-8	-6	-4	-3	-1	1	2
				C.C. U10	-17	-15	-12	-9	-7	-4	-1	1	4
				C.C. U11	-11	-9	-8	-6	-4	-3	-1	1	2
				C.C. U12	-12	-10	-8	-6	-4	-2	0	1	3
				C.C. U13	-12	-10	-8	-6	-4	-2	-1	1	3
				C.C. U14	-18	-16	-13	-10	-7	-4	-1	2	5
				C.C. U15	-13	-11	-9	-6	-4	-2	0	2	4
				C.C. U16	-13	-11	-8	-6	-4	-2	0	2	4
				C.C. U17	7	6	5	4	3	2	1	0	-1
				C.C. U18	13	11	9	7	5	3	1	-1	-3
				C.C. U19	7	6	5	4	3	2	1	0	-1
				C.C. U20	6	5	5	4	3	2	1	0	-1
				C.C. U21	3	3	3	3	3	3	3	3	3
				C.C. U22	9	8	7	6	5	4	3	2	1
				C.C. U23	0	1	1	2	3	3	4	5	5
				C.C. U24	2	3	3	3	3	3	3	3	3
				C.C. U25	7	6	5	4	3	1	0	-1	-2
				C.C. U26	13	11	9	7	5	3	1	-1	-3
				C.C. U27	7	6	5	4	3	2	0	-1	-2
				C.C. U28	7	6	5	4	3	2	1	0	-1
				C.C. U29	6	5	4	3	3	2	1	0	-1
				C.C. U30	12	10	9	7	5	3	1	0	-2
				C.C. U31	6	5	4	3	3	2	1	0	0
				C.C. U32	6	5	4	4	3	2	1	1	0
				C.C. U33	-12	-10	-8	-6	-4	-3	-1	1	3
				C.C. U34	-18	-15	-12	-10	-7	-4	-1	2	5
				C.C. U35	-12	-10	-8	-6	-4	-2	0	2	4
				C.C. U36	7	6	5	4	3	2	1	0	-1
				C.C. U37	13	11	9	7	5	3	1	-1	-3
				C.C. U38	6	5	5	4	3	2	1	0	-1
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	13	10	7	3	0	-3	-7	-10	-13
				C.C. U2	13	10	7	3	0	-3	-7	-10	-13
				C.C. U3	22	17	11	6	0	-6	-11	-17	-22
				C.C. U4	13	10	7	3	0	-3	-7	-10	-13
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	26	20	13	7	0	-7	-13	-20	-26
				C.C. U10	26	20	13	7	0	-7	-13	-20	-26
				C.C. U11	44	33	22	11	0	-11	-22	-33	-44
				C.C. U12	26	20	13	7	0	-7	-13	-20	-26
				C.C. U13	-14	-10	-7	-3	0	3	7	10	14
				C.C. U14	-14	-10	-7	-3	0	3	7	10	14

				C.C. U15	-23	-17	-11	-6	0	6	11	17	23
				C.C. U16	-14	-10	-7	-3	0	3	7	10	14
				C.C. U17	13	10	7	3	0	-3	-7	-10	-13
				C.C. U18	13	10	7	3	0	-3	-7	-10	-13
				C.C. U19	22	17	11	6	0	-6	-11	-17	-22
				C.C. U20	13	10	7	3	0	-3	-7	-10	-13
				C.C. U21	0	0	0	0	0	0	0	0	0
				C.C. U22	0	0	0	0	0	0	0	0	0
				C.C. U23	0	0	0	0	0	0	0	0	0
				C.C. U24	0	0	0	0	0	0	0	0	0
				C.C. U25	26	20	13	7	0	-7	-13	-20	-26
				C.C. U26	26	20	13	7	0	-7	-13	-20	-26
				C.C. U27	44	33	22	11	0	-11	-22	-33	-44
				C.C. U28	26	20	13	7	0	-7	-13	-20	-26
				C.C. U29	-14	-10	-7	-3	0	3	7	10	14
				C.C. U30	-14	-10	-7	-3	0	3	7	10	14
				C.C. U31	-23	-17	-11	-6	0	6	11	17	23
				C.C. U32	-14	-10	-7	-3	0	3	7	10	14
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	12	9	6	3	0	-3	-6	-9	-12
				C.C. U2	12	9	6	3	0	-3	-6	-9	-12
				C.C. U3	20	15	10	5	0	-5	-10	-15	-20
				C.C. U4	12	9	6	3	0	-3	-6	-9	-12
				C.C. U5	-54	-41	-27	-14	0	14	27	41	54
				C.C. U6	-54	-41	-27	-14	0	14	27	41	54
				C.C. U7	-90	-68	-45	-23	0	23	45	68	90
				C.C. U8	-54	-41	-27	-14	0	14	27	41	54
				C.C. U9	4	3	2	1	0	-1	-2	-3	-4
				C.C. U10	4	3	2	1	0	-1	-2	-3	-4
				C.C. U11	6	4	3	1	0	-1	-3	-4	-6
				C.C. U12	4	3	2	1	0	-1	-2	-3	-4
				C.C. U13	-3	-2	-2	-1	0	1	2	2	3
				C.C. U14	-3	-2	-2	-1	0	1	2	2	3
				C.C. U15	-6	-4	-3	-1	0	1	3	4	6
				C.C. U16	-3	-2	-2	-1	0	1	2	2	3
				C.C. U17	12	9	6	3	0	-3	-6	-9	-12
				C.C. U18	12	9	6	3	0	-3	-6	-9	-12
				C.C. U19	20	15	10	5	0	-5	-10	-15	-20
				C.C. U20	12	9	6	3	0	-3	-6	-9	-12
				C.C. U21	-54	-41	-27	-14	0	14	27	41	54
				C.C. U22	-54	-41	-27	-14	0	14	27	41	54
				C.C. U23	-90	-68	-45	-23	0	23	45	68	90
				C.C. U24	-54	-41	-27	-14	0	14	27	41	54
				C.C. U25	4	3	2	1	0	-1	-2	-3	-4
				C.C. U26	4	3	2	1	0	-1	-2	-3	-4
				C.C. U27	6	4	3	1	0	-1	-3	-4	-6
				C.C. U28	4	3	2	1	0	-1	-2	-3	-4
				C.C. U29	-3	-2	-2	-1	0	1	2	2	3
				C.C. U30	-3	-2	-2	-1	0	1	2	2	3
				C.C. U31	-6	-4	-3	-1	0	1	3	4	6
				C.C. U32	-3	-2	-2	-1	0	1	2	2	3
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-9	-12	-14	-17	-19	-22	-24	-27	-29
				C.C.2	3	2	1	0	-1	-2	-3	-4	-6
				C.C.3	-13	-15	-18	-20	-22	-25	-27	-30	-32
				C.C.4	8	8	8	8	8	7	7	7	7

				C.C. U1	-9	-12	-14	-17	-19	-22	-24	-27	-29
				C.C. U2	-13	-16	-19	-22	-24	-27	-30	-33	-35
				C.C. U3	-9	-11	-14	-16	-18	-21	-23	-26	-28
				C.C. U4	-10	-12	-14	-16	-18	-21	-23	-25	-27
				C.C. U5	-7	-10	-13	-16	-19	-22	-25	-29	-32
				C.C. U6	-11	-14	-17	-21	-24	-28	-31	-35	-38
				C.C. U7	-4	-8	-11	-15	-18	-22	-25	-29	-33
				C.C. U8	-7	-10	-13	-15	-18	-21	-24	-27	-30
				C.C. U9	-9	-12	-14	-17	-19	-22	-24	-27	-29
				C.C. U10	-13	-16	-19	-22	-24	-27	-30	-33	-35
				C.C. U11	-9	-11	-14	-16	-18	-21	-23	-26	-28
				C.C. U12	-10	-12	-14	-16	-18	-21	-23	-25	-27
				C.C. U13	-10	-13	-15	-17	-19	-21	-24	-26	-28
				C.C. U14	-15	-17	-19	-22	-24	-27	-29	-32	-34
				C.C. U15	-11	-13	-15	-16	-18	-20	-22	-24	-26
				C.C. U16	-11	-13	-15	-17	-18	-20	-22	-24	-26
				C.C. U17	3	2	1	0	-1	-2	-3	-5	-6
				C.C. U18	8	7	7	6	6	5	5	4	4
				C.C. U19	4	3	2	1	0	-1	-2	-4	-5
				C.C. U20	3	2	1	0	0	-1	-2	-3	-4
				C.C. U21	6	4	2	1	-1	-3	-5	-7	-9
				C.C. U22	10	9	8	7	6	5	3	2	1
				C.C. U23	8	6	4	2	0	-2	-5	-7	-9
				C.C. U24	5	4	3	1	0	-2	-3	-5	-7
				C.C. U25	3	2	1	0	-1	-2	-3	-4	-6
				C.C. U26	8	7	7	6	6	5	5	4	4
				C.C. U27	4	3	2	1	0	-1	-2	-3	-4
				C.C. U28	3	2	1	0	0	-1	-2	-3	-4
				C.C. U29	2	1	1	0	-1	-2	-3	-4	-4
				C.C. U30	6	6	6	6	6	5	5	5	5
				C.C. U31	2	1	1	0	0	-1	-1	-2	-3
				C.C. U32	2	1	1	0	0	-1	-1	-2	-2
				C.C. U33	-10	-12	-14	-17	-19	-21	-24	-26	-28
				C.C. U34	-14	-17	-19	-22	-24	-27	-30	-32	-35
				C.C. U35	-10	-12	-14	-16	-18	-20	-22	-24	-26
				C.C. U36	3	2	1	0	-1	-2	-3	-4	-5
				C.C. U37	7	7	6	6	6	5	5	5	4
				C.C. U38	2	2	1	0	0	-1	-2	-2	-3
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	8	11	13	15	18	20	23	25	28
				C.C.2	-4	-3	-2	-1	0	1	2	3	4
				C.C.3	12	14	17	19	21	24	26	28	31
				C.C.4	-9	-9	-9	-9	-9	-9	-8	-8	-8
				C.C. U1	9	11	13	16	18	20	22	25	27
				C.C. U2	13	15	18	21	23	26	28	31	33
				C.C. U3	9	11	13	15	17	19	21	23	26
				C.C. U4	9	11	13	15	17	19	21	23	25
				C.C. U5	20	19	19	18	18	17	17	17	16
				C.C. U6	24	24	23	23	23	23	23	23	23
				C.C. U7	27	24	22	20	17	15	12	10	8
				C.C. U8	20	19	19	18	17	16	16	15	14
				C.C. U9	8	11	13	15	18	20	23	25	28
				C.C. U10	12	15	18	20	23	26	29	31	34
				C.C. U11	8	10	12	15	17	19	22	24	27
				C.C. U12	9	11	13	15	17	19	21	23	26
				C.C. U13	9	11	14	16	18	20	22	24	26
				C.C. U14	13	16	18	21	23	26	28	30	33
				C.C. U15	10	12	13	15	17	19	21	23	25
				C.C. U16	10	12	14	15	17	19	21	23	24
				C.C. U17	-4	-3	-2	-1	0	1	2	3	4
				C.C. U18	-8	-8	-7	-7	-7	-7	-6	-6	-6
				C.C. U19	-4	-3	-2	-2	-1	0	1	1	2
				C.C. U20	-3	-3	-2	-1	-1	0	0	1	2
				C.C. U21	7	5	3	2	0	-2	-4	-5	-7
				C.C. U22	3	0	-2	-4	-7	-9	-12	-14	-16
				C.C. U23	14	10	7	3	-1	-5	-8	-12	-16
				C.C. U24	8	5	3	1	-1	-3	-5	-7	-9
				C.C. U25	-4	-3	-2	-1	0	1	2	3	4
				C.C. U26	-9	-8	-8	-7	-7	-6	-6	-5	-5
				C.C. U27	-5	-4	-3	-2	-1	0	1	2	3
				C.C. U28	-4	-3	-2	-2	-1	0	1	1	2
				C.C. U29	-3	-2	-2	-1	0	1	1	2	3

				C.C. U30	-7	-7	-7	-7	-7	-7	-6	-6	-6
				C.C. U31	-3	-2	-2	-1	-1	0	0	1	1
				C.C. U32	-3	-2	-2	-1	-1	0	0	1	1
				C.C. U33	9	11	13	16	18	20	22	25	27
				C.C. U34	13	15	18	21	23	26	28	31	33
				C.C. U35	9	11	13	15	17	19	21	23	25
				C.C. U36	-4	-3	-2	-1	0	1	2	3	4
				C.C. U37	-8	-8	-7	-7	-7	-6	-6	-6	-6
				C.C. U38	-3	-3	-2	-1	-1	0	0	1	2
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-5	-5	-5	-4	-4	-4	-3	-3	-2
				C.C.2	11	11	12	12	12	13	13	14	14
				C.C.3	-12	-12	-11	-11	-11	-10	-10	-10	-10
				C.C.4	15	16	16	16	16	17	17	17	18
				C.C. U1	-6	-6	-5	-4	-4	-3	-3	-2	-2
				C.C. U2	-12	-11	-11	-10	-10	-9	-9	-8	-8
				C.C. U3	-7	-6	-6	-5	-4	-4	-3	-2	-2
				C.C. U4	-6	-6	-5	-5	-4	-4	-3	-3	-2
				C.C. U5	-5	-5	-4	-4	-4	-4	-3	-3	-3
				C.C. U6	-11	-10	-10	-10	-10	-10	-9	-9	-9
				C.C. U7	-5	-5	-4	-4	-4	-4	-4	-4	-4
				C.C. U8	-5	-5	-5	-4	-4	-4	-4	-4	-3
				C.C. U9	-13	-8	-4	-1	0	0	-2	-5	-10
				C.C. U10	-19	-14	-9	-7	-6	-6	-8	-11	-16
				C.C. U11	-19	-10	-3	1	2	1	-2	-8	-16
				C.C. U12	-14	-8	-4	-1	0	-1	-2	-6	-11
				C.C. U13	-5	-5	-5	-4	-4	-3	-3	-3	-2
				C.C. U14	-11	-11	-10	-10	-10	-9	-9	-9	-8
				C.C. U15	-6	-5	-5	-5	-4	-4	-4	-3	-3
				C.C. U16	-6	-5	-5	-5	-4	-4	-3	-3	-3
				C.C. U17	10	11	11	12	12	13	14	14	15
				C.C. U18	15	16	16	17	18	18	19	19	20
				C.C. U19	9	10	11	11	12	13	13	14	15
				C.C. U20	10	10	11	12	12	13	13	14	14
				C.C. U21	12	12	12	12	12	13	13	13	13
				C.C. U22	17	17	17	17	18	18	18	18	18
				C.C. U23	12	12	12	12	12	12	12	12	12
				C.C. U24	11	12	12	12	12	12	13	13	13
				C.C. U25	3	9	13	15	16	16	14	11	6
				C.C. U26	8	14	18	20	21	21	19	16	11
				C.C. U27	-2	6	13	17	19	18	14	9	0
				C.C. U28	3	8	12	15	16	16	14	11	6
				C.C. U29	11	11	12	12	12	13	13	14	14
				C.C. U30	16	16	17	17	18	18	18	19	19
				C.C. U31	11	11	11	12	12	12	13	13	14
				C.C. U32	11	11	11	12	12	13	13	13	14
				C.C. U33	-5	-5	-5	-4	-4	-3	-3	-3	-2
				C.C. U34	-11	-11	-10	-10	-10	-9	-9	-9	-8
				C.C. U35	-6	-5	-5	-5	-4	-4	-3	-3	-3
				C.C. U36	11	11	12	12	12	13	13	14	14
				C.C. U37	16	16	17	17	18	18	18	19	19
				C.C. U38	11	11	11	12	12	13	13	13	14
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-15	-12	-8	-4	0	4	8	12	15
				C.C. U2	-15	-12	-8	-4	0	4	8	12	15
				C.C. U3	-26	-19	-13	-6	0	6	13	19	26
				C.C. U4	-15	-12	-8	-4	0	4	8	12	15
				C.C. U5	-3	-3	-2	-1	0	1	2	3	3
				C.C. U6	-3	-3	-2	-1	0	1	2	3	3
				C.C. U7	-6	-4	-3	-1	0	1	3	4	6
				C.C. U8	-3	-3	-2	-1	0	1	2	3	3
				C.C. U9	-37	-28	-18	-9	0	9	18	28	37
				C.C. U10	-37	-28	-18	-9	0	9	18	28	37
				C.C. U11	-62	-46	-31	-15	0	15	31	46	62
				C.C. U12	-37	-28	-18	-9	0	9	18	28	37
				C.C. U13	34	26	17	9	0	-9	-17	-26	-34
				C.C. U14	34	26	17	9	0	-9	-17	-26	-34



				C.C. U15	57	43	29	14	0	-14	-29	-43	-57
				C.C. U16	34	26	17	9	0	-9	-17	-26	-34
				C.C. U17	-15	-12	-8	-4	0	4	8	12	15
				C.C. U18	-15	-12	-8	-4	0	4	8	12	15
				C.C. U19	-26	-19	-13	-6	0	6	13	19	26
				C.C. U20	-15	-12	-8	-4	0	4	8	12	15
				C.C. U21	-3	-3	-2	-1	0	1	2	3	3
				C.C. U22	-3	-3	-2	-1	0	1	2	3	3
				C.C. U23	-6	-4	-3	-1	0	1	3	4	6
				C.C. U24	-3	-3	-2	-1	0	1	2	3	3
				C.C. U25	-37	-28	-18	-9	0	9	18	28	37
				C.C. U26	-37	-28	-18	-9	0	9	18	28	37
				C.C. U27	-62	-46	-31	-15	0	15	31	46	62
				C.C. U28	-37	-28	-18	-9	0	9	18	28	37
				C.C. U29	34	26	17	9	0	-9	-17	-26	-34
				C.C. U30	34	26	17	9	0	-9	-17	-26	-34
				C.C. U31	57	43	29	14	0	-14	-29	-43	-57
				C.C. U32	34	26	17	9	0	-9	-17	-26	-34
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	24	18	12	6	0	-6	-12	-18	-24
				C.C. U2	24	18	12	6	0	-6	-12	-18	-24
				C.C. U3	41	31	20	10	0	-10	-20	-31	-41
				C.C. U4	24	18	12	6	0	-6	-12	-18	-24
				C.C. U5	-5	-3	-2	-1	0	1	2	3	5
				C.C. U6	-5	-3	-2	-1	0	1	2	3	5
				C.C. U7	-8	-6	-4	-2	0	2	4	6	8
				C.C. U8	-5	-3	-2	-1	0	1	2	3	5
				C.C. U9	37	28	18	9	0	-9	-18	-28	-37
				C.C. U10	37	28	18	9	0	-9	-18	-28	-37
				C.C. U11	62	46	31	15	0	-15	-31	-46	-62
				C.C. U12	37	28	18	9	0	-9	-18	-28	-37
				C.C. U13	-34	-26	-17	-9	0	9	17	26	34
				C.C. U14	-34	-26	-17	-9	0	9	17	26	34
				C.C. U15	-57	-43	-29	-14	0	14	29	43	57
				C.C. U16	-34	-26	-17	-9	0	9	17	26	34
				C.C. U17	24	18	12	6	0	-6	-12	-18	-24
				C.C. U18	24	18	12	6	0	-6	-12	-18	-24
				C.C. U19	41	31	20	10	0	-10	-20	-31	-41
				C.C. U20	24	18	12	6	0	-6	-12	-18	-24
				C.C. U21	-5	-3	-2	-1	0	1	2	3	5
				C.C. U22	-5	-3	-2	-1	0	1	2	3	5
				C.C. U23	-8	-6	-4	-2	0	2	4	6	8
				C.C. U24	-5	-3	-2	-1	0	1	2	3	5
				C.C. U25	37	28	18	9	0	-9	-18	-28	-37
				C.C. U26	37	28	18	9	0	-9	-18	-28	-37
				C.C. U27	62	46	31	15	0	-15	-31	-46	-62
				C.C. U28	37	28	18	9	0	-9	-18	-28	-37
				C.C. U29	-34	-26	-17	-9	0	9	17	26	34
				C.C. U30	-34	-26	-17	-9	0	9	17	26	34
				C.C. U31	-57	-43	-29	-14	0	14	29	43	57
				C.C. U32	-34	-26	-17	-9	0	9	17	26	34
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	162	121	80	40	-1	-	-	-	-
				C.C.2	153	120	87	54	20	-	-	-	-
				C.C.3	133	96	59	23	-14	-	-	-	-

				C.C.4	118	94	70	46	22	-	-	-	-
				C.C. U1	163	124	84	45	5	-	-	-	-
				C.C. U2	157	117	77	37	-3	-	-	-	-
				C.C. U3	148	113	79	44	10	-	-	-	-
				C.C. U4	164	123	83	42	1	-	-	-	-
				C.C. U5	185	143	92	31	-40	-	-	-	-
				C.C. U6	178	135	84	23	-48	-	-	-	-
				C.C. U7	184	145	91	22	-65	-	-	-	-
				C.C. U8	185	142	90	28	-44	-	-	-	-
				C.C. U9	173	128	84	39	-6	-	-	-	-
				C.C. U10	166	121	76	30	-15	-	-	-	-
				C.C. U11	164	121	77	34	-9	-	-	-	-
				C.C. U12	174	128	82	36	-10	-	-	-	-
				C.C. U13	172	128	85	41	-2	-	-	-	-
				C.C. U14	165	121	77	33	-11	-	-	-	-
				C.C. U15	162	121	80	39	-2	-	-	-	-
				C.C. U16	172	128	83	39	-6	-	-	-	-
				C.C. U17	155	123	91	59	27	-	-	-	-
				C.C. U18	142	115	87	60	33	-	-	-	-
				C.C. U19	139	112	85	59	32	-	-	-	-
				C.C. U20	155	122	89	56	23	-	-	-	-
				C.C. U21	176	141	98	46	-18	-	-	-	-
				C.C. U22	163	133	95	47	-12	-	-	-	-
				C.C. U23	175	143	98	36	-43	-	-	-	-
				C.C. U24	177	141	96	43	-22	-	-	-	-
				C.C. U25	164	127	90	53	16	-	-	-	-
				C.C. U26	152	119	86	54	21	-	-	-	-
				C.C. U27	155	119	84	48	13	-	-	-	-
				C.C. U28	165	126	88	50	12	-	-	-	-
				C.C. U29	163	127	91	56	20	-	-	-	-
				C.C. U30	150	119	88	57	25	-	-	-	-
				C.C. U31	153	120	86	53	19	-	-	-	-
				C.C. U32	164	127	90	53	16	-	-	-	-
				C.C. U33	172	128	84	40	-4	-	-	-	-
				C.C. U34	166	121	76	32	-13	-	-	-	-
				C.C. U35	173	128	83	37	-8	-	-	-	-
				C.C. U36	164	127	91	54	18	-	-	-	-
				C.C. U37	151	119	87	55	24	-	-	-	-
				C.C. U38	164	127	89	51	14	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-164	-122	-80	-38	5	-	-	-	-
				C.C.2	-156	-121	-86	-52	-17	-	-	-	-
				C.C.3	-135	-97	-59	-21	17	-	-	-	-
				C.C.4	-120	-95	-70	-45	-19	-	-	-	-
				C.C. U1	-184	-133	-83	-32	18	-	-	-	-
				C.C. U2	-177	-126	-75	-24	27	-	-	-	-
				C.C. U3	-181	-129	-77	-25	27	-	-	-	-
				C.C. U4	-185	-133	-81	-29	22	-	-	-	-
				C.C. U5	-153	-119	-85	-51	-17	-	-	-	-
				C.C. U6	-146	-112	-77	-43	-8	-	-	-	-
				C.C. U7	-129	-105	-80	-56	-32	-	-	-	-
				C.C. U8	-154	-119	-83	-48	-13	-	-	-	-
				C.C. U9	-175	-129	-83	-37	9	-	-	-	-
				C.C. U10	-168	-122	-75	-29	18	-	-	-	-
				C.C. U11	-166	-121	-77	-32	12	-	-	-	-
				C.C. U12	-176	-128	-81	-34	13	-	-	-	-
				C.C. U13	-174	-129	-84	-40	5	-	-	-	-
				C.C. U14	-167	-122	-77	-31	14	-	-	-	-
				C.C. U15	-164	-122	-79	-37	6	-	-	-	-
				C.C. U16	-175	-129	-83	-37	9	-	-	-	-
				C.C. U17	-175	-132	-89	-46	-3	-	-	-	-
				C.C. U18	-163	-124	-86	-47	-9	-	-	-	-
				C.C. U19	-172	-127	-83	-39	6	-	-	-	-
				C.C. U20	-176	-132	-88	-43	1	-	-	-	-
				C.C. U21	-144	-118	-92	-65	-39	-	-	-	-
				C.C. U22	-132	-110	-88	-66	-45	-	-	-	-
				C.C. U23	-120	-104	-87	-70	-53	-	-	-	-
				C.C. U24	-145	-117	-90	-62	-35	-	-	-	-
				C.C. U25	-166	-128	-89	-51	-13	-	-	-	-
				C.C. U26	-154	-120	-86	-52	-18	-	-	-	-
				C.C. U27	-157	-120	-83	-47	-10	-	-	-	-

				C.C. U28	-167	-127	-88	-48	-9	-	-	-	-
				C.C. U29	-165	-128	-91	-54	-16	-	-	-	-
				C.C. U30	-153	-120	-87	-55	-22	-	-	-	-
				C.C. U31	-155	-120	-86	-51	-16	-	-	-	-
				C.C. U32	-166	-127	-89	-51	-13	-	-	-	-
				C.C. U33	-175	-129	-84	-38	7	-	-	-	-
				C.C. U34	-168	-122	-76	-30	16	-	-	-	-
				C.C. U35	-175	-129	-82	-35	11	-	-	-	-
				C.C. U36	-166	-128	-90	-52	-15	-	-	-	-
				C.C. U37	-153	-120	-87	-54	-20	-	-	-	-
				C.C. U38	-166	-127	-88	-50	-11	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-14	5	23	42	60	-	-	-	-
				C.C.2	-12	9	29	49	70	-	-	-	-
				C.C.3	-5	5	16	27	37	-	-	-	-
				C.C.4	-2	12	26	40	54	-	-	-	-
				C.C. U1	-5	10	26	42	57	-	-	-	-
				C.C. U2	-3	9	22	35	48	-	-	-	-
				C.C. U3	-3	10	24	38	51	-	-	-	-
				C.C. U4	6	17	28	38	49	-	-	-	-
				C.C. U5	-5	23	37	36	18	-	-	-	-
				C.C. U6	-3	22	34	30	9	-	-	-	-
				C.C. U7	-2	32	43	28	-14	-	-	-	-
				C.C. U8	7	30	39	33	10	-	-	-	-
				C.C. U9	-8	9	26	43	59	-	-	-	-
				C.C. U10	-6	8	22	36	50	-	-	-	-
				C.C. U11	-7	9	24	39	55	-	-	-	-
				C.C. U12	4	16	28	39	51	-	-	-	-
				C.C. U13	-2	12	27	42	56	-	-	-	-
				C.C. U14	0	12	24	35	47	-	-	-	-
				C.C. U15	2	14	26	38	50	-	-	-	-
				C.C. U16	9	19	29	39	48	-	-	-	-
				C.C. U17	-3	14	32	50	67	-	-	-	-
				C.C. U18	0	16	32	49	65	-	-	-	-
				C.C. U19	-1	15	30	46	61	-	-	-	-
				C.C. U20	8	21	34	46	59	-	-	-	-
				C.C. U21	-3	27	43	44	28	-	-	-	-
				C.C. U22	1	29	44	43	25	-	-	-	-
				C.C. U23	0	36	49	36	-4	-	-	-	-
				C.C. U24	9	34	45	41	20	-	-	-	-
				C.C. U25	-5	13	32	51	69	-	-	-	-
				C.C. U26	-2	15	32	50	67	-	-	-	-
				C.C. U27	-5	13	30	47	65	-	-	-	-
				C.C. U28	6	20	34	47	61	-	-	-	-
				C.C. U29	0	16	33	50	66	-	-	-	-
				C.C. U30	3	18	34	49	64	-	-	-	-
				C.C. U31	4	18	32	46	60	-	-	-	-
				C.C. U32	11	23	35	47	58	-	-	-	-
				C.C. U33	-5	11	26	42	58	-	-	-	-
				C.C. U34	-3	10	23	36	49	-	-	-	-
				C.C. U35	7	17	28	39	50	-	-	-	-
				C.C. U36	-3	15	32	50	68	-	-	-	-
				C.C. U37	1	17	33	49	65	-	-	-	-
				C.C. U38	9	22	34	47	60	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	14	-5	-24	-43	-63	-	-	-	-
				C.C.2	12	-9	-30	-51	-73	-	-	-	-
				C.C.3	6	-5	-17	-28	-39	-	-	-	-
				C.C.4	2	-12	-27	-41	-56	-	-	-	-
				C.C. U1	8	-10	-27	-45	-62	-	-	-	-
				C.C. U2	5	-9	-24	-38	-53	-	-	-	-
				C.C. U3	6	-10	-26	-42	-58	-	-	-	-
				C.C. U4	-4	-17	-29	-42	-54	-	-	-	-
				C.C. U5	16	-8	-31	-55	-78	-	-	-	-
				C.C. U6	14	-7	-27	-48	-69	-	-	-	-
				C.C. U7	20	-6	-32	-58	-84	-	-	-	-
				C.C. U8	4	-14	-33	-51	-70	-	-	-	-
				C.C. U9	8	-9	-27	-44	-62	-	-	-	-
				C.C. U10	6	-9	-23	-38	-53	-	-	-	-
				C.C. U11	7	-9	-25	-41	-57	-	-	-	-

				C.C. U12	-3	-16	-29	-41	-54	-	-	-	-
				C.C. U13	3	-12	-28	-44	-59	-	-	-	-
				C.C. U14	1	-12	-24	-37	-50	-	-	-	-
				C.C. U15	-1	-14	-27	-40	-52	-	-	-	-
				C.C. U16	-8	-19	-30	-40	-51	-	-	-	-
				C.C. U17	5	-14	-33	-53	-72	-	-	-	-
				C.C. U18	2	-16	-34	-52	-70	-	-	-	-
				C.C. U19	4	-14	-32	-50	-68	-	-	-	-
				C.C. U20	-6	-21	-35	-50	-64	-	-	-	-
				C.C. U21	14	-12	-37	-63	-88	-	-	-	-
				C.C. U22	11	-13	-38	-62	-86	-	-	-	-
				C.C. U23	18	-10	-38	-66	-94	-	-	-	-
				C.C. U24	2	-18	-39	-59	-80	-	-	-	-
				C.C. U25	6	-13	-33	-52	-72	-	-	-	-
				C.C. U26	3	-15	-33	-51	-69	-	-	-	-
				C.C. U27	5	-13	-31	-49	-67	-	-	-	-
				C.C. U28	-5	-20	-35	-49	-64	-	-	-	-
				C.C. U29	1	-17	-34	-52	-69	-	-	-	-
				C.C. U30	-2	-18	-34	-51	-67	-	-	-	-
				C.C. U31	-3	-18	-33	-48	-62	-	-	-	-
				C.C. U32	-11	-23	-36	-48	-61	-	-	-	-
				C.C. U33	6	-11	-27	-44	-60	-	-	-	-
				C.C. U34	3	-10	-24	-37	-51	-	-	-	-
				C.C. U35	-6	-18	-29	-41	-52	-	-	-	-
				C.C. U36	4	-15	-33	-52	-70	-	-	-	-
				C.C. U37	0	-17	-34	-51	-68	-	-	-	-
				C.C. U38	-8	-22	-35	-49	-62	-	-	-	-
<b>30</b>	<b>piano 1</b>	<b>5</b>	<b>400.0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
			<b>0</b>	C.C.1	205	160	116	71	27	-	-	-	-
				C.C.2	201	161	122	82	43	-	-	-	-
				C.C.3	145	112	78	44	11	-	-	-	-
				C.C.4	139	113	88	63	38	-	-	-	-
				C.C. U1	213	165	118	70	23	-	-	-	-
				C.C. U2	196	150	105	60	14	-	-	-	-
				C.C. U3	195	151	107	63	18	-	-	-	-
				C.C. U4	201	155	109	64	18	-	-	-	-
				C.C. U5	228	177	121	60	-6	-	-	-	-
				C.C. U6	211	162	108	50	-14	-	-	-	-
				C.C. U7	221	170	112	46	-29	-	-	-	-
				C.C. U8	216	166	112	53	-11	-	-	-	-
				C.C. U9	198	149	111	83	68	-	-	-	-
				C.C. U10	181	134	98	73	59	-	-	-	-
				C.C. U11	171	124	95	84	93	-	-	-	-
				C.C. U12	186	139	102	77	63	-	-	-	-
				C.C. U13	231	174	117	60	3	-	-	-	-
				C.C. U14	214	159	104	49	-6	-	-	-	-
				C.C. U15	227	166	106	45	-15	-	-	-	-
				C.C. U16	220	164	109	53	-2	-	-	-	-
				C.C. U17	209	166	124	81	39	-	-	-	-
				C.C. U18	189	152	115	78	41	-	-	-	-
				C.C. U19	191	152	113	74	35	-	-	-	-
				C.C. U20	197	156	115	75	34	-	-	-	-
				C.C. U21	224	178	127	71	10	-	-	-	-
				C.C. U22	204	163	118	68	13	-	-	-	-
				C.C. U23	217	171	118	57	-13	-	-	-	-
				C.C. U24	212	167	118	65	5	-	-	-	-
				C.C. U25	194	150	117	94	84	-	-	-	-
				C.C. U26	174	136	108	91	86	-	-	-	-
				C.C. U27	167	125	101	95	109	-	-	-	-
				C.C. U28	182	140	108	88	79	-	-	-	-
				C.C. U29	227	175	123	71	19	-	-	-	-
				C.C. U30	208	161	115	68	21	-	-	-	-
				C.C. U31	223	167	112	57	1	-	-	-	-
				C.C. U32	216	165	115	64	14	-	-	-	-
				C.C. U33	211	165	118	71	25	-	-	-	-
				C.C. U34	194	150	105	61	16	-	-	-	-
				C.C. U35	199	154	110	65	20	-	-	-	-
				C.C. U36	207	166	124	83	41	-	-	-	-
				C.C. U37	188	152	115	79	43	-	-	-	-
				C.C. U38	195	156	116	76	36	-	-	-	-
<b>31</b>	<b>piano 1</b>	<b>6</b>	<b>400.0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-

			0										
				C.C.1	-208	-161	-115	-68	-22	-	-	-	-
				C.C.2	-204	-162	-121	-79	-38	-	-	-	-
				C.C.3	-148	-112	-77	-42	-7	-	-	-	-
				C.C.4	-141	-114	-87	-61	-34	-	-	-	-
				C.C. U1	-193	-154	-117	-83	-52	-	-	-	-
				C.C. U2	-176	-139	-104	-72	-44	-	-	-	-
				C.C. U3	-160	-131	-106	-86	-71	-	-	-	-
				C.C. U4	-181	-143	-109	-76	-47	-	-	-	-
				C.C. U5	-196	-158	-120	-82	-44	-	-	-	-
				C.C. U6	-179	-143	-107	-72	-36	-	-	-	-
				C.C. U7	-166	-139	-112	-85	-57	-	-	-	-
				C.C. U8	-184	-148	-112	-76	-39	-	-	-	-
				C.C. U9	-201	-150	-110	-80	-63	-	-	-	-
				C.C. U10	-184	-135	-97	-70	-55	-	-	-	-
				C.C. U11	-174	-126	-94	-81	-89	-	-	-	-
				C.C. U12	-189	-140	-101	-74	-58	-	-	-	-
				C.C. U13	-234	-175	-116	-57	2	-	-	-	-
				C.C. U14	-217	-160	-103	-47	10	-	-	-	-
				C.C. U15	-229	-167	-105	-43	19	-	-	-	-
				C.C. U16	-222	-165	-108	-51	7	-	-	-	-
				C.C. U17	-189	-155	-123	-94	-68	-	-	-	-
				C.C. U18	-169	-140	-114	-91	-71	-	-	-	-
				C.C. U19	-156	-132	-112	-97	-87	-	-	-	-
				C.C. U20	-177	-144	-115	-88	-64	-	-	-	-
				C.C. U21	-192	-159	-126	-93	-60	-	-	-	-
				C.C. U22	-172	-145	-118	-90	-63	-	-	-	-
				C.C. U23	-162	-140	-118	-96	-74	-	-	-	-
				C.C. U24	-180	-149	-118	-87	-56	-	-	-	-
				C.C. U25	-197	-151	-116	-91	-79	-	-	-	-
				C.C. U26	-177	-137	-107	-88	-81	-	-	-	-
				C.C. U27	-170	-127	-100	-93	-105	-	-	-	-
				C.C. U28	-185	-141	-108	-85	-74	-	-	-	-
				C.C. U29	-230	-176	-122	-68	-14	-	-	-	-
				C.C. U30	-211	-162	-114	-65	-17	-	-	-	-
				C.C. U31	-225	-168	-111	-54	3	-	-	-	-
				C.C. U32	-218	-166	-114	-62	-9	-	-	-	-
				C.C. U33	-214	-166	-117	-68	-20	-	-	-	-
				C.C. U34	-197	-151	-104	-58	-12	-	-	-	-
				C.C. U35	-202	-156	-109	-62	-15	-	-	-	-
				C.C. U36	-210	-167	-123	-80	-36	-	-	-	-
				C.C. U37	-191	-153	-115	-77	-39	-	-	-	-
				C.C. U38	-198	-157	-115	-73	-31	-	-	-	-

#### 4.3.24 Momento Flettente X-Y - Combinazioni SLE Frequenti.

I prospetti seguenti riportano i valori del momento flettente (Mxy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 76.I

Momento Flettente (Mxy) [daNm] - Combinazioni SLE Frequenti													
Asta	Imp.	Fili	L [cm]	Comb.	Mxy <sub>1</sub>	Mxy <sub>2</sub>	Mxy <sub>3</sub>	Mxy <sub>4</sub>	Mxy <sub>5</sub>	Mxy <sub>6</sub>	Mxy <sub>7</sub>	Mxy <sub>8</sub>	Mxy <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	18	15	12	9	5	2	-3	-7	-12
				C.C.4	-18	-15	-12	-9	-5	-2	2	7	11
				C.C. U1	1	1	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-11	-9	-7	-5	-4	-4	-4	-4	-5
				C.C.4	11	9	7	5	4	3	3	4	4
				C.C. U1	0	0	0	0	0	0	0	0	0

				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-5	-4	-3	-4	-4	-5	-7	-8	-11
				C.C.4	4	4	3	3	4	5	6	8	11
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-11	-7	-3	1	4	8	10	13	15
				C.C.4	11	6	2	-1	-5	-8	-11	-13	-15
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-23	-23	-22	-21	-20	-19	-17	-14	-12
				C.C.4	23	23	22	21	20	18	16	14	12
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-12	1	15	29	43	58	73	88	104
				C.C.4	12	-1	-15	-29	-43	-58	-73	-88	-104
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	21	22	21	21	20	19	18	16	14
				C.C.4	-21	-21	-21	-21	-20	-19	-18	-16	-14
				C.C. U1	1	1	1	1	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	15	1	-13	-28	-43	-58	-73	-89	-105
				C.C.4	-15	-1	13	28	43	58	73	89	105
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)

				C.C.1	0	0	0	0	0	0	0	0	1
				C.C.2	0	0	0	0	0	0	0	0	1
				C.C.3	90	58	27	-4	-34	-64	-94	-124	-153
				C.C.4	-90	-59	-27	4	35	65	95	125	154
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	1	1	1
				C.C. U3	0	0	0	0	0	0	0	0	1
				C.C. U4	0	0	0	0	0	0	0	0	1
				C.C. U5	0	0	0	0	0	0	0	1	1
				C.C. U6	0	0	0	0	0	0	0	1	1
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	1	0	0	0	0	0	-1	-1	-1
				C.C.2	1	0	0	0	0	0	-1	-1	-1
				C.C.3	-91	-60	-28	3	34	64	94	124	154
				C.C.4	92	60	28	-3	-34	-65	-95	-126	-155
				C.C. U1	1	1	0	0	0	-1	-1	-2	-2
				C.C. U2	1	0	0	0	0	0	-1	-1	-1
				C.C. U3	1	0	0	0	0	0	-1	-1	-1
				C.C. U4	1	0	0	0	0	0	-1	-1	-1
				C.C. U5	1	0	0	0	0	0	-1	-1	-1
				C.C. U6	1	0	0	0	0	0	-1	-1	-1
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-1	-1	-1	-1	0	0	0	0	1
				C.C.2	-1	-1	-1	-1	0	0	0	0	1
				C.C.3	25	16	7	-1	-9	-17	-24	-31	-38
				C.C.4	-28	-18	-9	0	9	17	25	32	39
				C.C. U1	-1	-1	0	0	0	0	0	0	0
				C.C. U2	-2	-1	-1	-1	0	0	0	1	1
				C.C. U3	-1	-1	-1	0	0	0	0	0	0
				C.C. U4	-2	-1	-1	-1	0	0	0	1	1
				C.C. U5	-1	-1	-1	-1	0	0	0	1	1
				C.C. U6	-1	-1	-1	-1	0	0	0	1	1
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	28	26	25	24	23	24	24	25	27
				C.C.4	-27	-26	-24	-23	-23	-23	-24	-25	-27
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	1	1	0	0	0	-1	-1	-1	-2
				C.C.2	1	1	0	0	0	-1	-1	-1	-2
				C.C.3	-37	-31	-24	-17	-9	-1	7	15	24
				C.C.4	39	32	24	17	9	0	-9	-18	-28
				C.C. U1	1	1	0	0	-1	-1	-2	-2	-2
				C.C. U2	1	1	0	0	0	-1	-1	-1	-2
				C.C. U3	1	0	0	0	0	0	-1	-1	-2
				C.C. U4	1	1	0	0	0	-1	-1	-2	-2
				C.C. U5	1	1	0	0	0	-1	-1	-1	-2
				C.C. U6	1	1	0	0	0	-1	-1	-1	-2
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-2	-2	-2	-1	-1	-1	-1	-1	0
				C.C.2	-2	-2	-2	-1	-1	-1	-1	-1	0
				C.C.3	-10	-9	-9	-9	-9	-8	-8	-8	-8
				C.C.4	5	6	6	6	6	7	7	7	7
				C.C. U1	-2	-2	-2	-1	-1	-1	-1	0	0
				C.C. U2	-2	-2	-2	-1	-1	-1	-1	-1	0
				C.C. U3	-2	-2	-2	-1	-1	-1	-1	-1	0
				C.C. U4	1	-1	-2	-3	-3	-2	-1	1	3
				C.C. U5	-2	-2	-2	-2	-1	-1	-1	-1	0
				C.C. U6	-2	-2	-2	-2	-1	-1	-1	-1	0
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	3	3	2	2	1	1	0	0	-1
				C.C.2	3	3	2	2	1	1	0	0	-1
				C.C.3	11	9	8	6	4	3	1	-1	-2
				C.C.4	-4	-4	-3	-2	-2	-1	0	0	1

				C.C. U1	3	3	2	2	1	1	1	0	0
				C.C. U2	3	2	2	2	2	1	1	0	0
				C.C. U3	3	3	2	2	1	1	1	0	0
				C.C. U4	4	3	3	2	1	1	0	0	-1
				C.C. U5	4	3	2	2	1	1	0	0	-1
				C.C. U6	4	3	2	2	1	1	0	0	-1
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-3	-2	-1	-1	0	1	1	2	3
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	-9	-7	-4	-2	0	2	4	7	9
				C.C. U4	5	3	2	1	0	-1	-2	-3	-5
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	3	2	1	1	0	-1	-1	-2	-3
				C.C. U2	-8	-6	-4	-2	0	2	4	6	8
				C.C. U3	-1	-1	-1	0	0	0	1	1	1
				C.C. U4	1	1	1	0	0	0	-1	-1	-1
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-2	-2	-1	-1	-1	0	0	0	0
				C.C.2	-2	-2	-1	-1	-1	0	0	0	0
				C.C.3	-10	-8	-7	-5	-4	-2	-1	1	2
				C.C.4	6	5	4	3	2	1	0	0	-1
				C.C. U1	-2	-2	-2	-1	-1	-1	0	0	0
				C.C. U2	-3	-3	-2	-2	-1	0	0	1	2
				C.C. U3	-2	-2	-1	-1	-1	-1	0	0	0
				C.C. U4	-2	-2	-2	-1	-1	-1	0	0	1
				C.C. U5	-2	-2	-2	-1	-1	0	0	0	1
				C.C. U6	-2	-2	-2	-1	-1	0	0	0	1
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	4	3	2	1	0	-1	-2	-3	-4
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	9	7	4	2	0	-2	-4	-7	-9
				C.C. U4	-5	-3	-2	-1	0	1	2	3	5
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	4	3	2	1	0	-1	-2	-3	-4
				C.C. U2	-18	-14	-9	-5	0	5	9	14	18
				C.C. U3	1	1	1	0	0	0	-1	-1	-1
				C.C. U4	-1	-1	-1	0	0	0	1	1	1
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-3	-4	-5	-6	-7	-9	-10	-11	-12
				C.C.2	-3	-4	-5	-6	-7	-9	-10	-11	-12
				C.C.3	-8	-10	-11	-13	-15	-17	-19	-20	-22
				C.C.4	3	2	1	1	0	-1	-1	-2	-3
				C.C. U1	-2	-4	-5	-7	-8	-10	-11	-13	-14
				C.C. U2	-2	-3	-5	-7	-8	-10	-12	-13	-15
				C.C. U3	-2	-4	-5	-7	-8	-10	-11	-13	-14
				C.C. U4	-3	-4	-6	-7	-8	-10	-11	-12	-14
				C.C. U5	-3	-4	-6	-7	-8	-10	-11	-12	-14



				C.C. U6	-3	-4	-6	-7	-8	-10	-11	-12	-14
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	2	3	4	5	6	8	9	10	11
				C.C.2	2	3	4	5	6	8	9	10	11
				C.C.3	7	9	10	12	14	16	17	19	21
				C.C.4	-4	-3	-2	-2	-1	0	0	1	1
				C.C. U1	2	3	4	6	7	8	10	11	13
				C.C. U2	5	6	6	7	7	8	8	9	9
				C.C. U3	1	3	4	6	7	9	10	11	13
				C.C. U4	2	3	5	6	7	8	10	11	12
				C.C. U5	2	3	5	6	7	8	10	11	12
				C.C. U6	2	3	5	6	7	8	10	11	12
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	2	2	2	3	3	3	3	4	4
				C.C.2	2	2	2	3	3	3	3	4	4
				C.C.3	-5	-5	-5	-4	-4	-4	-3	-3	-3
				C.C.4	8	9	9	9	10	10	10	11	11
				C.C. U1	2	2	2	3	3	4	4	4	5
				C.C. U2	2	2	3	3	3	4	4	4	4
				C.C. U3	-1	1	3	4	5	5	4	3	2
				C.C. U4	2	2	3	3	3	4	4	4	5
				C.C. U5	2	2	3	3	3	4	4	4	5
				C.C. U6	2	2	3	3	3	4	4	4	5
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-5	-4	-3	-1	0	1	3	4	5
				C.C. U2	-1	-1	-1	0	0	0	1	1	1
				C.C. U3	-12	-9	-6	-3	0	3	6	9	12
				C.C. U4	11	9	6	3	0	-3	-6	-9	-11
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	8	6	4	2	0	-2	-4	-6	-8
				C.C. U2	-2	-1	-1	0	0	0	1	1	2
				C.C. U3	12	9	6	3	0	-3	-6	-9	-12
				C.C. U4	-11	-9	-6	-3	0	3	6	9	11
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	126	95	65	34	4	-	-	-	-
				C.C.2	126	95	65	34	4	-	-	-	-
				C.C.3	129	96	62	28	-5	-	-	-	-
				C.C.4	122	95	67	40	13	-	-	-	-
				C.C. U1	132	101	70	40	9	-	-	-	-
				C.C. U2	139	108	73	35	-6	-	-	-	-
				C.C. U3	135	103	70	38	5	-	-	-	-
				C.C. U4	135	103	71	38	6	-	-	-	-
				C.C. U5	139	106	72	38	5	-	-	-	-
				C.C. U6	139	106	72	38	5	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-127	-96	-64	-33	-1	-	-	-	-
				C.C.2	-127	-96	-64	-33	-1	-	-	-	-
				C.C.3	-131	-96	-62	-27	8	-	-	-	-
				C.C.4	-124	-95	-67	-39	-10	-	-	-	-
				C.C. U1	-140	-105	-70	-34	1	-	-	-	-
				C.C. U2	-130	-100	-70	-41	-11	-	-	-	-
				C.C. U3	-137	-104	-70	-36	-2	-	-	-	-
				C.C. U4	-137	-104	-70	-37	-3	-	-	-	-
				C.C. U5	-141	-106	-72	-37	-2	-	-	-	-
				C.C. U6	-141	-106	-72	-37	-2	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-4	9	21	33	46	-	-	-	-

				C.C.2	-4	9	21	33	46	-	-	-	-
				C.C.3	-4	7	18	30	41	-	-	-	-
				C.C.4	-3	10	23	37	50	-	-	-	-
				C.C. U1	-6	8	22	37	51	-	-	-	-
				C.C. U2	-6	12	26	35	38	-	-	-	-
				C.C. U3	-7	8	22	37	52	-	-	-	-
				C.C. U4	-5	9	23	37	51	-	-	-	-
				C.C. U5	-3	11	24	37	50	-	-	-	-
				C.C. U6	-3	11	24	37	50	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	4	-9	-22	-35	-48	-	-	-	-
				C.C.2	4	-9	-22	-35	-48	-	-	-	-
				C.C.3	5	-7	-19	-31	-43	-	-	-	-
				C.C.4	3	-10	-24	-38	-52	-	-	-	-
				C.C. U1	8	-8	-23	-39	-54	-	-	-	-
				C.C. U2	10	-7	-25	-42	-59	-	-	-	-
				C.C. U3	8	-8	-23	-39	-54	-	-	-	-
				C.C. U4	6	-9	-24	-38	-53	-	-	-	-
				C.C. U5	3	-11	-25	-39	-53	-	-	-	-
				C.C. U6	3	-11	-25	-39	-53	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	142	113	83	54	24	-	-	-	-
				C.C.2	142	113	83	54	24	-	-	-	-
				C.C.3	144	112	81	49	17	-	-	-	-
				C.C.4	140	113	86	58	31	-	-	-	-
				C.C. U1	161	127	94	60	27	-	-	-	-
				C.C. U2	166	131	95	57	17	-	-	-	-
				C.C. U3	156	122	91	64	42	-	-	-	-
				C.C. U4	167	130	93	57	20	-	-	-	-
				C.C. U5	163	129	95	61	27	-	-	-	-
				C.C. U6	163	129	95	61	27	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-144	-113	-82	-51	-20	-	-	-	-
				C.C.2	-144	-113	-82	-51	-20	-	-	-	-
				C.C.3	-146	-113	-80	-47	-14	-	-	-	-
				C.C.4	-143	-114	-85	-56	-27	-	-	-	-
				C.C. U1	-156	-124	-93	-63	-34	-	-	-	-
				C.C. U2	-157	-125	-94	-63	-31	-	-	-	-
				C.C. U3	-158	-123	-91	-62	-38	-	-	-	-
				C.C. U4	-169	-131	-93	-54	-16	-	-	-	-
				C.C. U5	-165	-130	-94	-58	-22	-	-	-	-
				C.C. U6	-165	-130	-94	-58	-22	-	-	-	-

#### 4.3.25 Momento Flettente X-Y - Combinazioni SLE Quasi Permanenti.

I prospetti seguenti riportano i valori del momento flettente ( $M_{xy}$ ) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 77.I

Momento Flettente ( $M_{xy}$ ) [daNm] - Combinazioni SLE Quasi Permanenti													
Asta	Imp.	Fili	L [cm]	Comb.	$M_{xy1}$	$M_{xy2}$	$M_{xy3}$	$M_{xy4}$	$M_{xy5}$	$M_{xy6}$	$M_{xy7}$	$M_{xy8}$	$M_{xy9}$
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0

6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	1
				C.C.2	0	0	0	0	0	0	0	0	1
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	1	0	0	0	0	0	-1	-1	-1
				C.C.2	1	0	0	0	0	0	-1	-1	-1
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-1	-1	-1	-1	0	0	0	0	1
				C.C.2	-1	-1	-1	-1	0	0	0	0	1
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	1	1	0	0	0	-1	-1	-1	-2
				C.C.2	1	1	0	0	0	-1	-1	-1	-2
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-2	-2	-2	-1	-1	-1	-1	-1	0
				C.C.2	-2	-2	-2	-1	-1	-1	-1	-1	0
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	3	3	2	2	1	1	0	0	-1
				C.C.2	3	3	2	2	1	1	0	0	-1
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-2	-2	-1	-1	-1	0	0	0	0
				C.C.2	-2	-2	-1	-1	-1	0	0	0	0
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-3	-4	-5	-6	-7	-9	-10	-11	-12
				C.C.2	-3	-4	-5	-6	-7	-9	-10	-11	-12
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	2	3	4	5	6	8	9	10	11
				C.C.2	2	3	4	5	6	8	9	10	11
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	2	2	2	3	3	3	3	4	4
				C.C.2	2	2	2	3	3	3	3	4	4
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	126	95	65	34	4	-	-	-	-
				C.C.2	126	95	65	34	4	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-127	-96	-64	-33	-1	-	-	-	-
				C.C.2	-127	-96	-64	-33	-1	-	-	-	-
28	piano 1	3	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-4	9	21	33	46	-	-	-	-
				C.C.2	-4	9	21	33	46	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	4	-9	-22	-35	-48	-	-	-	-
				C.C.2	4	-9	-22	-35	-48	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	142	113	83	54	24	-	-	-	-
				C.C.2	142	113	83	54	24	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-144	-113	-82	-51	-20	-	-	-	-
				C.C.2	-144	-113	-82	-51	-20	-	-	-	-

#### 4.3.26 Taglio X-Y - Combinazioni SLV.

I prospetti seguenti riportano i valori del taglio (Txy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 78.I

Asta	Imp.	Fili	L [cm]	Taglio (Txy) [daN] - Combinazioni SLV									
				Comb.	Txy <sub>1</sub>	Txy <sub>2</sub>	Txy <sub>3</sub>	Txy <sub>4</sub>	Txy <sub>5</sub>	Txy <sub>6</sub>	Txy <sub>7</sub>	Txy <sub>8</sub>	Txy <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	1	1	1	1	1	1	2	2	2
				C.C.2	30	37	43	50	57	63	70	77	84
				C.C.3	-27	-34	-41	-47	-54	-60	-67	-74	-81
				C.C.4	49	60	71	82	93	104	115	127	138
				C.C.5	-47	-58	-69	-80	-91	-102	-113	-125	-136
				C.C.6	-25	-20	-17	-14	-11	-11	42	32	22
				C.C.7	-65	-62	-59	-57	-56	-56	-4	-15	-25
				C.C.8	-74	-59	-45	-31	-19	-5	56	56	57
				C.C.9	-114	-100	-87	-75	-63	-51	10	9	9
				C.C.10	115	101	89	76	65	52	-9	-8	-8
				C.C.11	75	60	46	33	20	7	-55	-55	-55
				C.C.12	66	63	60	59	57	58	5	16	27
				C.C.13	26	22	18	15	13	12	-41	-31	-21
				C.C.14	93	79	65	51	37	18	22	4	-15
				C.C.15	29	14	-2	-18	-33	-54	-51	-71	-90
				C.C.16	135	116	97	78	60	37	7	-8	-24
				C.C.17	71	50	30	9	-10	-35	-66	-83	-99
				C.C.18	-70	-49	-28	-8	12	36	68	84	100
				C.C.19	-134	-114	-95	-77	-59	-36	-5	10	25
				C.C.20	-28	-12	3	19	35	55	53	72	91
				C.C.21	-92	-78	-64	-50	-36	-17	-20	-2	16
				C.C. U1	6	6	6	6	6	6	6	6	6
				C.C. U2	6	6	6	6	6	6	6	6	5
				C.C. U3	10	10	10	10	9	9	9	9	9
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	4	3	3	2	1	1	0	-1	-1
				C.C. U8	4	3	2	2	1	0	0	-1	-2
				C.C. U9	6	5	3	2	1	0	-1	-2	-3
				C.C. U10	4	3	1	0	-2	-3	-4	-6	-7
				C.C. U11	4	2	1	0	-2	-3	-5	-6	-8
				C.C. U12	6	4	1	-1	-4	-6	-8	-11	-13
				C.C. U13	1	1	1	1	1	1	1	1	1
				C.C. U14	1	1	1	1	1	1	1	1	1
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	-1	-1	0	0	0	0	0	0	0
				C.C.2	-44	-36	-27	-19	-10	-2	7	15	24
				C.C.3	43	34	26	18	9	1	-8	-16	-25
				C.C.4	-73	-59	-45	-30	-16	-2	12	26	40
				C.C.5	72	58	44	30	16	2	-13	-27	-41
				C.C.6	-14	-14	-15	-17	-19	-23	-27	-32	-38
				C.C.7	-2	-3	-5	-7	-10	-14	-18	-23	-29
				C.C.8	-61	-48	-36	-25	-15	-5	3	11	18

				C.C.9	-49	-37	-25	-15	-5	4	12	20	27
				C.C.10	48	36	25	14	5	-5	-13	-20	-27
				C.C.11	60	48	36	24	14	5	-4	-12	-19
				C.C.12	2	3	4	6	9	13	18	23	29
				C.C.13	14	14	15	16	19	22	27	32	38
				C.C.14	58	39	20	0	-20	-40	-60	-81	-103
				C.C.15	77	57	37	16	-4	-25	-46	-67	-89
				C.C.16	77	55	32	10	-12	-34	-56	-78	-99
				C.C.17	96	72	49	26	3	-20	-42	-64	-86
				C.C.18	-97	-73	-49	-26	-3	19	42	64	85
				C.C.19	-78	-55	-33	-10	12	34	56	78	99
				C.C.20	-78	-58	-37	-17	4	25	46	67	88
				C.C.21	-59	-40	-21	-1	19	39	60	81	102
				C.C. U1	-1	-1	-1	-2	-2	-2	-2	-3	-3
				C.C. U2	-1	-1	-1	-1	-2	-2	-2	-3	-3
				C.C. U3	-1	-2	-2	-2	-3	-3	-4	-4	-5
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	3	2	1	0	-1	-1	-2	-3	-4
				C.C. U8	3	2	1	0	0	-1	-2	-3	-4
				C.C. U9	5	3	2	1	-1	-2	-3	-5	-6
				C.C. U10	7	5	4	2	0	-2	-4	-5	-7
				C.C. U11	7	6	4	2	0	-2	-3	-5	-7
				C.C. U12	12	9	6	3	0	-3	-6	-9	-12
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-25	-17	-8	1	9	18	26	34	43
				C.C.3	25	17	8	0	-9	-17	-25	-34	-42
				C.C.4	-42	-28	-14	1	15	29	43	57	71
				C.C.5	42	28	14	0	-14	-29	-43	-57	-71
				C.C.6	18	11	3	-5	-14	-25	-36	-48	-60
				C.C.7	27	20	12	4	-5	-14	-25	-36	-48
				C.C.8	-38	-32	-27	-23	-19	-16	-15	-14	-14
				C.C.9	-29	-23	-18	-13	-9	-6	-4	-2	-1
				C.C.10	30	23	18	13	10	6	4	3	2
				C.C.11	38	32	27	23	19	17	15	14	14
				C.C.12	-27	-20	-12	-4	5	15	25	37	49
				C.C.13	-18	-11	-3	5	15	25	36	48	61
				C.C.14	85	63	41	19	-3	-26	-50	-73	-97
				C.C.15	99	77	56	34	12	-10	-33	-55	-78
				C.C.16	88	67	46	25	4	-17	-38	-58	-78
				C.C.17	102	81	60	39	19	-1	-21	-40	-59
				C.C.18	-102	-81	-60	-39	-19	1	21	40	59
				C.C.19	-88	-67	-46	-24	-4	17	38	58	79
				C.C.20	-99	-77	-56	-34	-12	10	33	55	78
				C.C.21	-85	-63	-41	-19	4	27	50	73	97
				C.C. U1	1	0	0	0	-1	-1	-2	-2	-3
				C.C. U2	1	0	0	0	-1	-1	-2	-2	-3
				C.C. U3	1	1	0	-1	-2	-2	-3	-4	-5
				C.C. U4	0	0	0	0	0	0	0	1	1
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	1	1	1	1	1	1
				C.C. U7	4	3	2	1	0	0	-1	-2	-3
				C.C. U8	3	3	2	1	0	0	-1	-2	-3
				C.C. U9	6	4	3	2	1	-1	-2	-3	-5
				C.C. U10	7	5	3	2	0	-2	-4	-6	-7
				C.C. U11	7	5	3	2	0	-2	-4	-6	-7
				C.C. U12	12	9	6	3	0	-3	-6	-9	-12
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	0
				C.C.2	-77	-70	-64	-57	-50	-43	-37	-30	-23
				C.C.3	76	69	62	56	49	42	36	29	22
				C.C.4	-128	-116	-105	-94	-83	-72	-61	-49	-38
				C.C.5	127	116	105	93	82	71	60	49	38
				C.C.6	23	12	1	-10	-23	-35	-48	-62	-76
				C.C.7	-24	-34	-44	-55	-67	-78	-90	-103	-116
				C.C.8	-12	-12	-13	-15	-16	-18	-21	-24	-28

				C.C.9	-59	-59	-59	-60	-60	-61	-63	-65	-68
				C.C.10	59	58	58	59	59	61	62	65	67
				C.C.11	12	12	13	14	15	17	20	24	27
				C.C.12	24	34	44	54	66	78	90	103	116
				C.C.13	-23	-13	-2	9	22	35	48	62	76
				C.C.14	90	71	51	34	11	-9	-29	-50	-71
				C.C.15	15	-3	-21	-37	-59	-78	-96	-115	-134
				C.C.16	101	85	68	55	35	20	4	-12	-28
				C.C.17	26	11	-4	-17	-35	-49	-63	-77	-91
				C.C.18	-26	-11	4	16	34	49	63	77	91
				C.C.19	-101	-85	-69	-55	-36	-20	-4	12	27
				C.C.20	-16	3	21	37	59	77	96	115	134
				C.C.21	-90	-71	-52	-34	-11	9	29	50	70
				C.C. U1	6	5	5	4	4	3	3	2	2
				C.C. U2	6	5	5	4	4	3	3	2	2
				C.C. U3	10	9	8	7	6	6	5	4	3
				C.C. U4	-2	-2	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U7	2	1	1	0	0	-1	-2	-2	-3
				C.C. U8	2	2	1	1	0	-1	-1	-2	-3
				C.C. U9	4	3	2	1	0	-1	-3	-4	-5
				C.C. U10	8	7	5	4	2	1	-1	-2	-3
				C.C. U11	8	7	6	4	3	1	0	-2	-3
				C.C. U12	14	11	9	7	4	2	-1	-3	-5
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	8	1	-7	-15	-22	-30	-37	-45	-53
				C.C.3	-9	-1	6	14	21	29	36	44	52
				C.C.4	14	1	-11	-24	-36	-49	-62	-74	-87
				C.C.5	-14	-2	11	23	36	49	61	74	87
				C.C.6	-98	-85	-73	-61	-50	-40	-29	-18	-8
				C.C.7	-133	-121	-110	-99	-89	-80	-71	-62	-53
				C.C.8	-86	-73	-61	-49	-38	-27	-16	-5	5
				C.C.9	-120	-109	-98	-87	-77	-68	-59	-50	-41
				C.C.10	120	109	97	87	77	67	57	47	37
				C.C.11	85	73	60	49	38	27	16	5	-5
				C.C.12	132	121	110	99	89	80	71	62	53
				C.C.13	98	85	73	61	50	40	29	18	8
				C.C.14	-26	-21	-17	-13	-9	-5	-1	3	7
				C.C.15	-81	-78	-75	-73	-71	-69	-67	-65	-63
				C.C.16	40	37	34	32	29	27	25	23	21
				C.C.17	-15	-20	-24	-29	-33	-36	-39	-42	-45
				C.C.18	15	20	24	28	32	36	40	44	48
				C.C.19	-40	-37	-35	-32	-30	-27	-24	-21	-18
				C.C.20	80	78	75	73	70	68	66	64	62
				C.C.21	25	21	16	12	8	5	2	-1	-4
				C.C. U1	3	3	3	4	4	4	4	4	4
				C.C. U2	3	3	4	4	4	4	4	4	4
				C.C. U3	5	5	6	6	6	7	7	7	7
				C.C. U4	-1	0	0	1	1	2	3	3	4
				C.C. U5	-1	0	1	1	2	2	3	4	4
				C.C. U6	-1	0	1	2	3	4	5	6	7
				C.C. U7	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-200	-208	-216	-224	-232	-240	-248	-255	-263
				C.C.3	201	209	216	224	232	240	248	256	264
				C.C.4	-334	-347	-360	-373	-386	-400	-413	-426	-439
				C.C.5	334	347	360	373	387	400	413	426	439
				C.C.6	-47	-32	-20	-12	30	37	49	64	79
				C.C.7	-54	-40	-29	-22	20	26	38	52	67
				C.C.8	-54	-38	-27	-19	23	30	42	57	72

				C.C.9	-61	-47	-35	-29	13	19	31	46	61
				C.C.10	61	47	36	29	-13	-19	-31	-46	-60
				C.C.11	54	38	27	19	-23	-30	-42	-57	-72
				C.C.12	54	40	29	22	-20	-26	-38	-52	-67
				C.C.13	47	32	20	12	-30	-37	-49	-64	-79
				C.C.14	1	6	10	13	26	28	32	37	42
				C.C.15	-11	-7	-4	-2	10	11	15	19	23
				C.C.16	34	30	27	25	13	11	8	4	0
				C.C.17	22	17	13	10	-3	-5	-9	-14	-19
				C.C.18	-22	-16	-12	-10	3	6	9	14	19
				C.C.19	-33	-30	-27	-25	-13	-11	-8	-4	0
				C.C.20	11	7	4	2	-10	-11	-14	-19	-23
				C.C.21	-1	-6	-10	-13	-26	-28	-32	-37	-42
				C.C. U1	1	1	1	1	1	1	1	1	1
				C.C. U2	1	1	1	1	1	1	1	1	1
				C.C. U3	1	2	2	2	2	2	2	2	2
				C.C. U4	-5	-4	-4	-3	-3	-2	-1	-1	0
				C.C. U5	-5	-5	-4	-3	-3	-2	-1	-1	0
				C.C. U6	-8	-7	-6	-5	-4	-3	-2	-1	0
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	-17	-9	-1	6	14	21	29	37	44
				C.C.3	19	11	4	-4	-12	-19	-27	-34	-42
				C.C.4	-29	-16	-3	9	22	34	47	60	73
				C.C.5	30	17	5	-8	-20	-33	-46	-58	-71
				C.C.6	-89	-76	-64	-52	-41	-31	75	69	64
				C.C.7	-123	-111	-100	-90	-80	-71	35	28	22
				C.C.8	-100	-88	-76	-64	-53	-43	64	57	53
				C.C.9	-134	-123	-112	-101	-91	-82	24	16	11
				C.C.10	136	124	113	102	93	83	-22	-15	-10
				C.C.11	102	89	77	65	54	44	-63	-56	-52
				C.C.12	124	112	101	91	81	72	-34	-27	-21
				C.C.13	90	77	65	53	43	33	-74	-68	-63
				C.C.14	13	18	22	26	30	34	66	65	64
				C.C.15	-41	-38	-35	-33	-31	-29	2	0	-2
				C.C.16	81	78	75	73	70	68	37	40	42
				C.C.17	27	22	18	13	9	6	-27	-25	-25
				C.C.18	-26	-21	-17	-12	-8	-5	28	27	26
				C.C.19	-79	-77	-74	-72	-69	-67	-36	-39	-41
				C.C.20	42	39	37	34	32	30	-1	1	4
				C.C.21	-12	-17	-21	-25	-29	-33	-65	-64	-63
				C.C. U1	6	6	6	6	6	6	7	7	7
				C.C. U2	5	6	6	6	6	6	6	7	7
				C.C. U3	9	9	9	10	10	10	10	10	11
				C.C. U4	2	2	1	1	1	0	0	0	-1
				C.C. U5	2	1	1	1	0	0	0	0	-1
				C.C. U6	3	2	1	1	0	0	-1	-1	-2
				C.C. U7	2	2	2	2	2	2	2	2	2
				C.C. U8	2	2	2	2	2	2	2	2	2
				C.C. U9	2	2	2	2	2	2	2	2	2
				C.C. U10	1	1	1	1	1	1	1	1	1
				C.C. U11	1	1	1	1	1	1	1	1	1
				C.C. U12	1	1	1	1	1	1	1	1	1
				C.C. U13	1	1	1	1	1	1	1	1	1
				C.C. U14	1	1	1	1	1	1	1	1	1
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	208	216	224	232	240	248	255	263	271
				C.C.3	-209	-217	-224	-232	-240	-248	-256	-264	-272
				C.C.4	348	361	374	387	400	413	426	439	452
				C.C.5	-348	-361	-374	-387	-400	-413	-426	-439	-452
				C.C.6	-58	-43	-34	-27	25	31	39	54	69
				C.C.7	-65	-50	-42	-35	16	22	29	44	58
				C.C.8	-52	-37	-28	-21	31	37	45	60	75

				C.C.9	-59	-44	-36	-29	22	28	35	50	64
				C.C.10	59	44	36	29	-22	-28	-35	-50	-64
				C.C.11	52	37	28	21	-31	-37	-45	-60	-75
				C.C.12	65	50	42	35	-16	-22	-29	-44	-58
				C.C.13	58	43	34	27	-25	-31	-39	-54	-69
				C.C.14	-23	-18	-14	-12	4	6	9	14	18
				C.C.15	-33	-29	-27	-25	-10	-9	-7	-3	2
				C.C.16	12	9	7	5	-10	-11	-13	-17	-22
				C.C.17	2	-3	-6	-8	-24	-26	-29	-34	-38
				C.C.18	-2	3	6	8	24	26	29	34	38
				C.C.19	-13	-9	-7	-5	10	11	13	17	22
				C.C.20	33	29	27	25	10	9	7	3	-2
				C.C.21	23	18	14	12	-4	-6	-9	-14	-18
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	-1	0	0	0	0	0	0	0	0
				C.C. U4	1	1	0	0	0	-1	-1	-1	-1
				C.C. U5	1	1	0	0	0	0	-1	-1	-1
				C.C. U6	2	1	1	0	0	-1	-1	-2	-2
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	0	0	0	0	0	0	0	0	0
				C.C. U9	0	0	0	0	0	0	0	0	0
				C.C. U10	0	0	0	0	0	0	0	0	0
				C.C. U11	0	0	0	0	0	0	0	0	0
				C.C. U12	0	0	0	0	0	0	0	0	0
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.2	487	479	471	464	456	449	442	435	427
				C.C.3	-492	-485	-477	-469	-462	-454	-447	-440	-433
				C.C.4	815	801	788	776	763	751	739	727	715
				C.C.5	-818	-805	-792	-779	-767	-755	-742	-730	-719
				C.C.6	-57	-42	-34	-30	-27	119	120	121	124
				C.C.7	-163	-148	-140	-136	-133	14	15	17	20
				C.C.8	-47	-32	-24	-20	-18	129	129	131	134
				C.C.9	-153	-138	-130	-126	-123	24	24	26	30
				C.C.10	151	135	127	123	121	-26	-27	-29	-33
				C.C.11	45	29	21	18	15	-132	-132	-134	-137
				C.C.12	160	145	137	133	130	-17	-17	-19	-23
				C.C.13	54	39	31	27	25	-122	-122	-124	-127
				C.C.14	35	40	42	43	44	88	88	88	89
				C.C.15	-133	-128	-126	-124	-123	-79	-79	-78	-77
				C.C.16	98	93	91	89	88	44	44	43	42
				C.C.17	-70	-75	-77	-78	-79	-123	-123	-123	-124
				C.C.18	68	72	75	76	76	120	120	121	121
				C.C.19	-100	-96	-93	-92	-91	-47	-46	-45	-44
				C.C.20	130	126	123	122	121	77	76	75	74
				C.C.21	-38	-43	-45	-46	-47	-90	-90	-91	-91
				C.C. U1	9	9	9	9	9	9	8	8	8
				C.C. U2	10	9	9	9	9	9	9	9	9
				C.C. U3	17	17	17	17	17	16	16	16	16
				C.C. U4	-3	-3	-3	-3	-3	-3	-2	-2	-1
				C.C. U5	-3	-3	-3	-3	-3	-2	-2	-1	-1
				C.C. U6	-4	-4	-4	-3	-3	-2	-2	-1	0
				C.C. U7	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U10	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U11	-2	-2	-1	-1	-1	-1	-1	-1	-1
				C.C. U12	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U13	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U14	-2	-2	-2	-2	-2	-2	-2	-2	-2
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	4	4	4	4	4	4	4	4	4
				C.C.2	-491	-483	-475	-467	-460	-453	-445	-438	-431
				C.C.3	500	492	484	476	469	461	454	447	440
				C.C.4	-822	-809	-796	-783	-771	-758	-746	-734	-722
				C.C.5	829	815	802	790	777	765	753	741	729
				C.C.6	-40	-25	-18	-15	-13	130	130	132	137
				C.C.7	-146	-131	-124	-121	-118	24	25	28	32
				C.C.8	-48	-32	-26	-22	-20	122	123	125	129



				C.C.9	-154	-138	-132	-128	-126	17	17	20	25
				C.C.10	158	143	137	133	131	-12	-13	-15	-20
				C.C.11	52	37	31	27	25	-117	-118	-120	-124
				C.C.12	151	136	129	125	123	-19	-20	-23	-28
				C.C.13	45	30	23	20	17	-125	-125	-128	-132
				C.C.14	69	74	76	77	77	120	120	120	121
				C.C.15	-99	-94	-92	-91	-90	-47	-47	-46	-44
				C.C.16	129	124	122	121	120	77	77	76	74
				C.C.17	-39	-44	-46	-47	-47	-90	-90	-90	-91
				C.C.18	44	49	51	52	52	95	95	95	96
				C.C.19	-124	-120	-118	-116	-116	-73	-72	-71	-69
				C.C.20	104	99	97	96	95	52	52	51	49
				C.C.21	-65	-69	-71	-72	-73	-115	-115	-115	-116
				C.C. U1	18	18	18	17	17	17	17	17	17
				C.C. U2	17	17	17	17	17	17	17	16	16
				C.C. U3	26	26	26	26	26	25	25	25	24
				C.C. U4	4	4	4	3	3	3	2	2	2
				C.C. U5	4	3	3	3	3	2	2	2	1
				C.C. U6	4	3	3	2	2	1	1	0	0
				C.C. U7	3	3	3	3	3	3	3	3	3
				C.C. U8	3	3	3	3	3	3	3	3	3
				C.C. U9	2	2	2	2	2	2	2	2	2
				C.C. U10	4	4	4	4	4	4	4	4	4
				C.C. U11	3	3	3	3	3	3	3	3	3
				C.C. U12	3	3	3	3	3	3	3	3	3
				C.C. U13	4	4	4	4	4	4	4	4	4
				C.C. U14	4	4	4	4	4	4	4	4	4
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.2	118	112	105	99	93	86	80	73	67
				C.C.3	-128	-122	-116	-109	-103	-96	-90	-84	-77
				C.C.4	202	191	181	170	160	149	138	127	117
				C.C.5	-209	-198	-188	-177	-166	-156	-145	-134	-123
				C.C.6	-13	-10	-8	-7	-8	-6	-30	-32	-37
				C.C.7	-63	-61	-60	-60	-62	-61	-85	-88	-94
				C.C.8	-82	-65	-50	-37	-29	-28	-4	-1	5
				C.C.9	-131	-116	-102	-90	-83	-83	-59	-57	-52
				C.C.10	126	111	97	85	78	78	54	52	47
				C.C.11	77	60	45	32	24	23	-1	-4	-10
				C.C.12	58	56	55	55	57	56	80	83	89
				C.C.13	8	5	3	2	3	1	25	27	32
				C.C.14	130	112	93	76	63	65	-14	-23	-41
				C.C.15	51	31	11	-9	-23	-22	-102	-112	-130
				C.C.16	172	148	125	103	88	91	11	2	-15
				C.C.17	93	68	43	19	3	4	-77	-87	-105
				C.C.18	-98	-73	-48	-24	-8	-9	72	82	100
				C.C.19	-177	-153	-130	-108	-93	-96	-16	-7	10
				C.C.20	-56	-36	-16	4	18	17	98	107	126
				C.C.21	-135	-117	-98	-81	-68	-70	9	18	36
				C.C. U1	2	2	2	2	2	1	1	1	1
				C.C. U2	3	3	3	2	2	2	2	2	1
				C.C. U3	7	7	7	7	6	6	6	5	5
				C.C. U4	-7	-7	-7	-7	-7	-7	-6	-6	-6
				C.C. U5	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U6	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U7	-6	-5	-3	-2	0	1	3	4	6
				C.C. U8	-6	-4	-3	-1	0	2	4	5	7
				C.C. U9	-7	-4	-2	1	3	6	8	11	13
				C.C. U10	-8	-8	-7	-6	-6	-5	-4	-4	-3
				C.C. U11	-7	-7	-6	-5	-5	-4	-3	-3	-2
				C.C. U12	-10	-9	-8	-6	-5	-4	-3	-2	-1
				C.C. U13	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U14	-4	-4	-4	-4	-4	-4	-4	-4	-4
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	31	24	16	8	1	-7	-14	-22	-29
				C.C.3	-32	-24	-16	-9	-1	7	14	22	29
				C.C.4	52	39	27	14	1	-11	-24	-36	-49
				C.C.5	-52	-40	-27	-14	-2	11	24	36	49
				C.C.6	-1	-8	-16	-23	-31	-38	-46	-53	-61
				C.C.7	9	1	-7	-15	-22	-30	-37	-44	-52
				C.C.8	-61	-54	-46	-38	-31	-23	-16	-8	-1

				C.C.9	-52	-44	-37	-30	-22	-15	-7	1	9
				C.C.10	52	44	37	30	22	15	7	-1	-9
				C.C.11	61	53	46	38	31	23	16	8	1
				C.C.12	-9	-1	7	14	22	30	37	44	52
				C.C.13	1	8	15	23	31	38	46	53	61
				C.C.14	85	61	36	10	-15	-40	-65	-91	-116
				C.C.15	101	75	50	24	-1	-26	-51	-76	-101
				C.C.16	101	76	51	26	1	-24	-49	-75	-101
				C.C.17	116	91	65	40	15	-10	-35	-60	-85
				C.C.18	-117	-91	-66	-40	-15	10	35	60	85
				C.C.19	-101	-76	-52	-27	-1	24	49	75	100
				C.C.20	-101	-75	-50	-24	1	26	51	76	101
				C.C.21	-86	-61	-36	-11	14	40	65	91	116
				C.C. U1	0	0	-1	-1	-1	-2	-2	-3	-3
				C.C. U2	0	0	-1	-1	-1	-2	-2	-3	-3
				C.C. U3	0	0	-1	-2	-2	-3	-4	-5	-6
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	1
				C.C. U7	-7	-5	-4	-2	0	2	3	5	7
				C.C. U8	-7	-5	-4	-2	0	2	3	5	7
				C.C. U9	-11	-9	-6	-3	0	3	6	8	11
				C.C. U10	-3	-2	-2	-1	0	1	1	2	3
				C.C. U11	-3	-2	-2	-1	0	1	1	2	3
				C.C. U12	-5	-4	-3	-1	0	1	2	3	5
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	6	6	6	6	6	6	6	7	7
				C.C.2	-64	-70	-77	-83	-89	-96	-102	-108	-115
				C.C.3	76	83	89	96	102	109	115	121	128
				C.C.4	-112	-123	-134	-145	-155	-166	-176	-187	-198
				C.C.5	121	132	143	154	164	175	186	196	207
				C.C.6	10	6	3	-23	-23	-31	-44	-59	-75
				C.C.7	-46	-50	-53	-77	-76	-83	-96	-110	-125
				C.C.8	-31	-26	-24	0	-1	0	-1	-3	-6
				C.C.9	-87	-82	-79	-54	-55	-52	-52	-53	-55
				C.C.10	94	89	86	61	61	59	59	60	62
				C.C.11	38	33	30	6	8	6	7	9	12
				C.C.12	52	57	59	84	83	90	102	116	131
				C.C.13	-4	1	4	29	30	37	51	66	82
				C.C.14	105	88	79	-4	-3	-20	-44	-69	-94
				C.C.15	15	0	-9	-90	-88	-103	-125	-149	-172
				C.C.16	130	113	104	21	22	7	-13	-33	-53
				C.C.17	40	25	16	-65	-63	-77	-95	-113	-131
				C.C.18	-34	-18	-10	72	69	83	101	119	138
				C.C.19	-123	-107	-97	-14	-15	0	19	40	60
				C.C.20	-9	7	15	97	95	110	132	155	179
				C.C.21	-98	-82	-72	11	10	27	50	75	101
				C.C. U1	13	13	12	12	11	11	10	10	9
				C.C. U2	13	12	12	11	11	10	9	9	8
				C.C. U3	18	17	16	15	14	13	12	11	10
				C.C. U4	6	6	6	6	6	6	6	6	6
				C.C. U5	5	5	5	5	5	5	5	5	5
				C.C. U6	5	5	5	5	5	5	5	5	5
				C.C. U7	-5	-3	-2	0	1	3	4	6	8
				C.C. U8	-5	-4	-2	-1	1	2	4	5	7
				C.C. U9	-12	-10	-7	-5	-2	0	3	5	8
				C.C. U10	4	5	6	6	7	8	8	9	10
				C.C. U11	3	4	5	5	6	7	7	8	9
				C.C. U12	2	3	5	6	7	8	9	10	11
				C.C. U13	6	6	6	6	6	6	6	6	6
				C.C. U14	5	5	5	5	6	6	6	6	6
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.6	2	2	2	2	2	2	2	2	2
				C.C.7	4	4	4	4	4	4	4	4	4

				C.C.8	2	2	2	2	2	2	2	2	2
				C.C.9	4	4	4	4	4	4	4	4	4
				C.C.10	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.11	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.12	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.13	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.14	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.15	2	2	2	2	2	2	2	2	2
				C.C.16	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.17	0	0	0	0	0	0	0	0	0
				C.C.18	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.19	2	2	2	2	2	2	2	2	2
				C.C.20	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.21	0	0	0	0	0	0	0	0	0
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U7	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U10	34	25	16	8	-1	-10	-19	-27	-36
				C.C. U11	34	25	16	8	-1	-10	-19	-27	-36
				C.C. U12	57	43	28	14	-1	-16	-30	-45	-59
				C.C. U13	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U14	-1	-1	-1	-1	-1	-1	-1	-1	-1
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	5	5	5	5	5	5	5	5	5
				C.C.2	15	15	15	15	15	15	15	15	15
				C.C.3	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C.4	21	21	21	21	21	21	21	21	21
				C.C.5	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.6	457	457	457	457	457	457	457	457	457
				C.C.7	441	441	441	441	441	441	441	441	441
				C.C.8	479	479	479	479	479	479	479	479	479
				C.C.9	464	464	464	464	464	464	464	464	464
				C.C.10	-457	-457	-457	-457	-457	-457	-457	-457	-457
				C.C.11	-473	-473	-473	-473	-473	-473	-473	-473	-473
				C.C.12	-434	-434	-434	-434	-434	-434	-434	-434	-434
				C.C.13	-450	-450	-450	-450	-450	-450	-450	-450	-450
				C.C.14	115	115	115	115	115	115	115	115	115
				C.C.15	90	90	90	90	90	90	90	90	90
				C.C.16	-159	-159	-159	-159	-159	-159	-159	-159	-159
				C.C.17	-184	-184	-184	-184	-184	-184	-184	-184	-184
				C.C.18	191	191	191	191	191	191	191	191	191
				C.C.19	166	166	166	166	166	166	166	166	166
				C.C.20	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C.21	-108	-108	-108	-108	-108	-108	-108	-108	-108
				C.C. U1	5	5	5	5	5	5	5	5	5
				C.C. U2	7	7	7	7	7	7	7	7	7
				C.C. U3	4	4	4	4	4	4	4	4	4
				C.C. U4	-5	-3	-1	1	3	4	6	8	10
				C.C. U5	-4	-2	0	2	4	6	8	9	11
				C.C. U6	-12	-9	-6	-3	0	3	6	9	12
				C.C. U7	5	5	5	5	5	5	5	5	5
				C.C. U8	6	6	6	6	6	6	6	6	6
				C.C. U9	4	4	4	4	4	4	4	4	4
				C.C. U10	8	8	8	8	8	8	8	8	8
				C.C. U11	9	9	9	9	9	9	9	9	9
				C.C. U12	8	8	8	8	8	8	8	8	8
				C.C. U13	6	6	6	6	6	6	6	6	6
				C.C. U14	8	8	8	8	8	8	8	8	8
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-667	-667	-667	-667	-667	-667	-667	-667	-667

				C.C.7	-780	-780	-780	-780	-780	-780	-780	-780	-780
				C.C.8	440	440	440	440	440	440	440	440	440
				C.C.9	328	328	328	328	328	328	328	328	328
				C.C.10	-328	-328	-328	-328	-328	-328	-328	-328	-328
				C.C.11	-440	-440	-440	-440	-440	-440	-440	-440	-440
				C.C.12	780	780	780	780	780	780	780	780	780
				C.C.13	667	667	667	667	667	667	667	667	667
				C.C.14	-1808	-1808	-1808	-1808	-1808	-1808	-1808	-1808	-1808
				C.C.15	-1987	-1987	-1987	-1987	-1987	-1987	-1987	-1987	-1987
				C.C.16	-1707	-1707	-1707	-1707	-1707	-1707	-1707	-1707	-1707
				C.C.17	-1885	-1885	-1885	-1885	-1885	-1885	-1885	-1885	-1885
				C.C.18	1885	1885	1885	1885	1885	1885	1885	1885	1885
				C.C.19	1707	1707	1707	1707	1707	1707	1707	1707	1707
				C.C.20	1987	1987	1987	1987	1987	1987	1987	1987	1987
				C.C.21	1808	1808	1808	1808	1808	1808	1808	1808	1808
				C.C. U1	-44	-44	-44	-44	-44	-44	-44	-44	-44
				C.C. U2	-44	-44	-44	-44	-44	-44	-44	-44	-44
				C.C. U3	-73	-73	-73	-73	-73	-73	-73	-73	-73
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U7	-131	-131	-131	-131	-131	-131	-131	-131	-131
				C.C. U8	-131	-131	-131	-131	-131	-131	-131	-131	-131
				C.C. U9	-219	-219	-219	-219	-219	-219	-219	-219	-219
				C.C. U10	68	68	68	68	68	68	68	68	68
				C.C. U11	68	68	68	68	68	68	68	68	68
				C.C. U12	113	113	113	113	113	113	113	113	113
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	22062	22062	22062	22062	22062	22062	22062	22062	22062
				C.C.7	20243	20243	20243	20243	20243	20243	20243	20243	20243
				C.C.8	22485	22485	22485	22485	22485	22485	22485	22485	22485
				C.C.9	20666	20666	20666	20666	20666	20666	20666	20666	20666
				C.C.10	-20666	-20666	-20666	-20666	-20666	-20666	-20666	-20666	-20666
				C.C.11	-22485	-22485	-22485	-22485	-22485	-22485	-22485	-22485	-22485
				C.C.12	-20243	-20243	-20243	-20243	-20243	-20243	-20243	-20243	-20243
				C.C.13	-22062	-22062	-22062	-22062	-22062	-22062	-22062	-22062	-22062
				C.C.14	7146	7146	7146	7146	7146	7146	7146	7146	7146
				C.C.15	4261	4261	4261	4261	4261	4261	4261	4261	4261
				C.C.16	-5672	-5672	-5672	-5672	-5672	-5672	-5672	-5672	-5672
				C.C.17	-8557	-8557	-8557	-8557	-8557	-8557	-8557	-8557	-8557
				C.C.18	8557	8557	8557	8557	8557	8557	8557	8557	8557
				C.C.19	5672	5672	5672	5672	5672	5672	5672	5672	5672
				C.C.20	-4261	-4261	-4261	-4261	-4261	-4261	-4261	-4261	-4261
				C.C.21	-7146	-7146	-7146	-7146	-7146	-7146	-7146	-7146	-7146
				C.C. U1	83	83	83	83	83	83	83	83	83
				C.C. U2	83	83	83	83	83	83	83	83	83
				C.C. U3	138	138	138	138	138	138	138	138	138
				C.C. U4	-245	-245	-245	-245	-245	-245	-245	-245	-245
				C.C. U5	-245	-245	-245	-245	-245	-245	-245	-245	-245
				C.C. U6	-409	-409	-409	-409	-409	-409	-409	-409	-409
				C.C. U7	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U8	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C. U9	-58	-58	-58	-58	-58	-58	-58	-58	-58
				C.C. U10	33	33	33	33	33	33	33	33	33
				C.C. U11	33	33	33	33	33	33	33	33	33
				C.C. U12	55	55	55	55	55	55	55	55	55
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.2	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.3	6	6	6	6	6	6	6	6	6
				C.C.4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.5	13	13	13	13	13	13	13	13	13

				C.C.6	474	474	474	474	474	474	474	474	474
				C.C.7	458	458	458	458	458	458	458	458	458
				C.C.8	452	452	452	452	452	452	452	452	452
				C.C.9	436	436	436	436	436	436	436	436	436
				C.C.10	-441	-441	-441	-441	-441	-441	-441	-441	-441
				C.C.11	-456	-456	-456	-456	-456	-456	-456	-456	-456
				C.C.12	-462	-462	-462	-462	-462	-462	-462	-462	-462
				C.C.13	-478	-478	-478	-478	-478	-478	-478	-478	-478
				C.C.14	184	184	184	184	184	184	184	184	184
				C.C.15	159	159	159	159	159	159	159	159	159
				C.C.16	-91	-91	-91	-91	-91	-91	-91	-91	-91
				C.C.17	-116	-116	-116	-116	-116	-116	-116	-116	-116
				C.C.18	111	111	111	111	111	111	111	111	111
				C.C.19	86	86	86	86	86	86	86	86	86
				C.C.20	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C.21	-188	-188	-188	-188	-188	-188	-188	-188	-188
				C.C. U1	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U2	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U3	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U4	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U5	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U6	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U7	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U8	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U9	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U10	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U11	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U12	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U13	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U14	-6	-6	-6	-6	-6	-6	-6	-6	-6
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	446	446	446	446	446	446	446	446	446
				C.C.7	334	334	334	334	334	334	334	334	334
				C.C.8	-661	-661	-661	-661	-661	-661	-661	-661	-661
				C.C.9	-773	-773	-773	-773	-773	-773	-773	-773	-773
				C.C.10	773	773	773	773	773	773	773	773	773
				C.C.11	661	661	661	661	661	661	661	661	661
				C.C.12	-334	-334	-334	-334	-334	-334	-334	-334	-334
				C.C.13	-446	-446	-446	-446	-446	-446	-446	-446	-446
				C.C.14	1884	1884	1884	1884	1884	1884	1884	1884	1884
				C.C.15	1707	1707	1707	1707	1707	1707	1707	1707	1707
				C.C.16	1982	1982	1982	1982	1982	1982	1982	1982	1982
				C.C.17	1805	1805	1805	1805	1805	1805	1805	1805	1805
				C.C.18	-1805	-1805	-1805	-1805	-1805	-1805	-1805	-1805	-1805
				C.C.19	-1982	-1982	-1982	-1982	-1982	-1982	-1982	-1982	-1982
				C.C.20	-1707	-1707	-1707	-1707	-1707	-1707	-1707	-1707	-1707
				C.C.21	-1884	-1884	-1884	-1884	-1884	-1884	-1884	-1884	-1884
				C.C. U1	66	66	66	66	66	66	66	66	66
				C.C. U2	66	66	66	66	66	66	66	66	66
				C.C. U3	111	111	111	111	111	111	111	111	111
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U7	131	131	131	131	131	131	131	131	131
				C.C. U8	131	131	131	131	131	131	131	131	131
				C.C. U9	219	219	219	219	219	219	219	219	219
				C.C. U10	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C. U11	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C. U12	-113	-113	-113	-113	-113	-113	-113	-113	-113
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0

				C.C.6	22472	22472	22472	22472	22472	22472	22472	22472	22472
				C.C.7	20653	20653	20653	20653	20653	20653	20653	20653	20653
				C.C.8	22099	22099	22099	22099	22099	22099	22099	22099	22099
				C.C.9	20279	20279	20279	20279	20279	20279	20279	20279	20279
				C.C.10	-20279	-20279	-20279	-20279	-20279	-20279	-20279	-20279	-20279
				C.C.11	-22099	-22099	-22099	-22099	-22099	-22099	-22099	-22099	-22099
				C.C.12	-20653	-20653	-20653	-20653	-20653	-20653	-20653	-20653	-20653
				C.C.13	-22472	-22472	-22472	-22472	-22472	-22472	-22472	-22472	-22472
				C.C.14	8479	8479	8479	8479	8479	8479	8479	8479	8479
				C.C.15	5593	5593	5593	5593	5593	5593	5593	5593	5593
				C.C.16	-4347	-4347	-4347	-4347	-4347	-4347	-4347	-4347	-4347
				C.C.17	-7233	-7233	-7233	-7233	-7233	-7233	-7233	-7233	-7233
				C.C.18	7233	7233	7233	7233	7233	7233	7233	7233	7233
				C.C.19	4347	4347	4347	4347	4347	4347	4347	4347	4347
				C.C.20	-5593	-5593	-5593	-5593	-5593	-5593	-5593	-5593	-5593
				C.C.21	-8479	-8479	-8479	-8479	-8479	-8479	-8479	-8479	-8479
				C.C. U1	117	117	117	117	117	117	117	117	117
				C.C. U2	117	117	117	117	117	117	117	117	117
				C.C. U3	195	195	195	195	195	195	195	195	195
				C.C. U4	-540	-540	-540	-540	-540	-540	-540	-540	-540
				C.C. U5	-540	-540	-540	-540	-540	-540	-540	-540	-540
				C.C. U6	-900	-900	-900	-900	-900	-900	-900	-900	-900
				C.C. U7	35	35	35	35	35	35	35	35	35
				C.C. U8	35	35	35	35	35	35	35	35	35
				C.C. U9	59	59	59	59	59	59	59	59	59
				C.C. U10	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C. U11	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C. U12	-55	-55	-55	-55	-55	-55	-55	-55	-55
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	32	32	32	32	32	32	32	32	32
				C.C.2	40	40	40	40	40	40	40	40	40
				C.C.3	23	23	23	23	23	23	23	23	23
				C.C.4	35	35	35	35	35	35	35	35	35
				C.C.5	7	7	7	7	7	7	7	7	7
				C.C.6	-2445	-2445	-2445	-2445	-2445	-2445	-2445	-2445	-2445
				C.C.7	-2350	-2350	-2350	-2350	-2350	-2350	-2350	-2350	-2350
				C.C.8	-2500	-2500	-2500	-2500	-2500	-2500	-2500	-2500	-2500
				C.C.9	-2405	-2405	-2405	-2405	-2405	-2405	-2405	-2405	-2405
				C.C.10	2436	2436	2436	2436	2436	2436	2436	2436	2436
				C.C.11	2531	2531	2531	2531	2531	2531	2531	2531	2531
				C.C.12	2381	2381	2381	2381	2381	2381	2381	2381	2381
				C.C.13	2476	2476	2476	2476	2476	2476	2476	2476	2476
				C.C.14	-701	-701	-701	-701	-701	-701	-701	-701	-701
				C.C.15	-550	-550	-550	-550	-550	-550	-550	-550	-550
				C.C.16	764	764	764	764	764	764	764	764	764
				C.C.17	914	914	914	914	914	914	914	914	914
				C.C.18	-883	-883	-883	-883	-883	-883	-883	-883	-883
				C.C.19	-733	-733	-733	-733	-733	-733	-733	-733	-733
				C.C.20	581	581	581	581	581	581	581	581	581
				C.C.21	732	732	732	732	732	732	732	732	732
				C.C. U1	32	32	32	32	32	32	32	32	32
				C.C. U2	26	26	26	26	26	26	26	26	26
				C.C. U3	30	30	30	30	30	30	30	30	30
				C.C. U4	43	43	44	44	45	45	46	47	48
				C.C. U5	37	37	37	38	38	39	40	41	41
				C.C. U6	49	49	50	51	52	53	54	55	57
				C.C. U7	32	32	32	32	32	32	32	32	32
				C.C. U8	25	25	25	25	25	25	25	25	25
				C.C. U9	30	30	30	30	30	30	30	30	30
				C.C. U10	26	26	26	26	26	26	26	26	26
				C.C. U11	20	20	20	20	20	20	20	20	20
				C.C. U12	21	21	21	21	21	21	21	21	21
				C.C. U13	29	29	29	29	29	29	29	29	29
				C.C. U14	23	23	23	23	23	23	23	23	23
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.2	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C.3	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C.4	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.5	-6	-6	-6	-6	-6	-6	-6	-6	-6

				C.C.6	-2530	-2530	-2530	-2530	-2530	-2530	-2530	-2530	-2530
				C.C.7	-2435	-2435	-2435	-2435	-2435	-2435	-2435	-2435	-2435
				C.C.8	-2480	-2480	-2480	-2480	-2480	-2480	-2480	-2480	-2480
				C.C.9	-2385	-2385	-2385	-2385	-2385	-2385	-2385	-2385	-2385
				C.C.10	2355	2355	2355	2355	2355	2355	2355	2355	2355
				C.C.11	2450	2450	2450	2450	2450	2450	2450	2450	2450
				C.C.12	2405	2405	2405	2405	2405	2405	2405	2405	2405
				C.C.13	2500	2500	2500	2500	2500	2500	2500	2500	2500
				C.C.14	-906	-906	-906	-906	-906	-906	-906	-906	-906
				C.C.15	-755	-755	-755	-755	-755	-755	-755	-755	-755
				C.C.16	560	560	560	560	560	560	560	560	560
				C.C.17	710	710	710	710	710	710	710	710	710
				C.C.18	-741	-741	-741	-741	-741	-741	-741	-741	-741
				C.C.19	-590	-590	-590	-590	-590	-590	-590	-590	-590
				C.C.20	725	725	725	725	725	725	725	725	725
				C.C.21	876	876	876	876	876	876	876	876	876
				C.C. U1	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U2	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U3	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U4	23	23	23	23	23	23	23	23	23
				C.C. U5	29	29	29	29	29	29	29	29	29
				C.C. U6	61	61	61	61	61	61	61	61	61
				C.C. U7	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U8	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U9	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U10	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U11	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U12	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U13	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C. U14	-22	-22	-22	-22	-22	-22	-22	-22	-22
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.6	-47	-47	-47	-47	-47	-47	-47	-47	-47
				C.C.7	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C.8	-47	-47	-47	-47	-47	-47	-47	-47	-47
				C.C.9	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C.10	35	35	35	35	35	35	35	35	35
				C.C.11	45	45	45	45	45	45	45	45	45
				C.C.12	35	35	35	35	35	35	35	35	35
				C.C.13	45	45	45	45	45	45	45	45	45
				C.C.14	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.15	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.16	3	3	3	3	3	3	3	3	3
				C.C.17	19	19	19	19	19	19	19	19	19
				C.C.18	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.19	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.20	3	3	3	3	3	3	3	3	3
				C.C.21	19	19	19	19	19	19	19	19	19
				C.C. U1	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U2	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U3	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	0	0	0	0	0	0	0	0	0
				C.C. U7	-30	-23	-16	-9	-2	5	13	20	27
				C.C. U8	-30	-23	-16	-9	-2	5	13	20	27
				C.C. U9	-49	-37	-25	-14	-2	10	22	34	46
				C.C. U10	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U11	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U12	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U13	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U14	-2	-2	-2	-2	-2	-2	-2	-2	-2
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0

				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-67	-67	-67	-67	-67	-67	-67	-67	-67
				C.C.7	-275	-275	-275	-275	-275	-275	-275	-275	-275
				C.C.8	1908	1908	1908	1908	1908	1908	1908	1908	1908
				C.C.9	1700	1700	1700	1700	1700	1700	1700	1700	1700
				C.C.10	-1700	-1700	-1700	-1700	-1700	-1700	-1700	-1700	-1700
				C.C.11	-1908	-1908	-1908	-1908	-1908	-1908	-1908	-1908	-1908
				C.C.12	275	275	275	275	275	275	275	275	275
				C.C.13	67	67	67	67	67	67	67	67	67
				C.C.14	-2882	-2882	-2882	-2882	-2882	-2882	-2882	-2882	-2882
				C.C.15	-3211	-3211	-3211	-3211	-3211	-3211	-3211	-3211	-3211
				C.C.16	-3372	-3372	-3372	-3372	-3372	-3372	-3372	-3372	-3372
				C.C.17	-3701	-3701	-3701	-3701	-3701	-3701	-3701	-3701	-3701
				C.C.18	3701	3701	3701	3701	3701	3701	3701	3701	3701
				C.C.19	3372	3372	3372	3372	3372	3372	3372	3372	3372
				C.C.20	3211	3211	3211	3211	3211	3211	3211	3211	3211
				C.C.21	2882	2882	2882	2882	2882	2882	2882	2882	2882
				C.C. U1	-64	-64	-64	-64	-64	-64	-64	-64	-64
				C.C. U2	-64	-64	-64	-64	-64	-64	-64	-64	-64
				C.C. U3	-107	-107	-107	-107	-107	-107	-107	-107	-107
				C.C. U4	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U5	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U6	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C. U7	-154	-154	-154	-154	-154	-154	-154	-154	-154
				C.C. U8	-154	-154	-154	-154	-154	-154	-154	-154	-154
				C.C. U9	-257	-257	-257	-257	-257	-257	-257	-257	-257
				C.C. U10	143	143	143	143	143	143	143	143	143
				C.C. U11	143	143	143	143	143	143	143	143	143
				C.C. U12	238	238	238	238	238	238	238	238	238
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	1920	1920	1920	1920	1920	1920	1920	1920	1920
				C.C.7	1714	1714	1714	1714	1714	1714	1714	1714	1714
				C.C.8	-53	-53	-53	-53	-53	-53	-53	-53	-53
				C.C.9	-259	-259	-259	-259	-259	-259	-259	-259	-259
				C.C.10	259	259	259	259	259	259	259	259	259
				C.C.11	53	53	53	53	53	53	53	53	53
				C.C.12	-1714	-1714	-1714	-1714	-1714	-1714	-1714	-1714	-1714
				C.C.13	-1920	-1920	-1920	-1920	-1920	-1920	-1920	-1920	-1920
				C.C.14	3701	3701	3701	3701	3701	3701	3701	3701	3701
				C.C.15	3374	3374	3374	3374	3374	3374	3374	3374	3374
				C.C.16	3202	3202	3202	3202	3202	3202	3202	3202	3202
				C.C.17	2875	2875	2875	2875	2875	2875	2875	2875	2875
				C.C.18	-2875	-2875	-2875	-2875	-2875	-2875	-2875	-2875	-2875
				C.C.19	-3202	-3202	-3202	-3202	-3202	-3202	-3202	-3202	-3202
				C.C.20	-3374	-3374	-3374	-3374	-3374	-3374	-3374	-3374	-3374
				C.C.21	-3701	-3701	-3701	-3701	-3701	-3701	-3701	-3701	-3701
				C.C. U1	102	102	102	102	102	102	102	102	102
				C.C. U2	102	102	102	102	102	102	102	102	102
				C.C. U3	170	170	170	170	170	170	170	170	170
				C.C. U4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U6	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U7	154	154	154	154	154	154	154	154	154
				C.C. U8	154	154	154	154	154	154	154	154	154
				C.C. U9	257	257	257	257	257	257	257	257	257
				C.C. U10	-143	-143	-143	-143	-143	-143	-143	-143	-143
				C.C. U11	-143	-143	-143	-143	-143	-143	-143	-143	-143
				C.C. U12	-238	-238	-238	-238	-238	-238	-238	-238	-238
				C.C. U13	0	0	0	0	0	0	0	0	0
				C.C. U14	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	54	54	54	54	54	-	-	-	-
				C.C.2	58	58	58	58	58	-	-	-	-
				C.C.3	50	50	50	50	50	-	-	-	-



				C.C.4	51	51	51	51	51	-	-	-	-
				C.C.5	37	37	37	37	37	-	-	-	-
				C.C.6	-857	-857	-857	-857	-857	-	-	-	-
				C.C.7	-754	-754	-754	-754	-754	-	-	-	-
				C.C.8	-866	-866	-866	-866	-866	-	-	-	-
				C.C.9	-764	-764	-764	-764	-764	-	-	-	-
				C.C.10	825	825	825	825	825	-	-	-	-
				C.C.11	927	927	927	927	927	-	-	-	-
				C.C.12	815	815	815	815	815	-	-	-	-
				C.C.13	917	917	917	917	917	-	-	-	-
				C.C.14	-287	-287	-287	-287	-287	-	-	-	-
				C.C.15	-125	-125	-125	-125	-125	-	-	-	-
				C.C.16	217	217	217	217	217	-	-	-	-
				C.C.17	379	379	379	379	379	-	-	-	-
				C.C.18	-318	-318	-318	-318	-318	-	-	-	-
				C.C.19	-156	-156	-156	-156	-156	-	-	-	-
				C.C.20	186	186	186	186	186	-	-	-	-
				C.C.21	348	348	348	348	348	-	-	-	-
				C.C. U1	52	52	52	52	52	-	-	-	-
				C.C. U2	54	54	54	54	54	-	-	-	-
				C.C. U3	44	44	44	44	44	-	-	-	-
				C.C. U4	50	62	76	91	107	-	-	-	-
				C.C. U5	52	64	77	93	109	-	-	-	-
				C.C. U6	41	62	84	109	137	-	-	-	-
				C.C. U7	60	60	60	60	60	-	-	-	-
				C.C. U8	61	61	61	61	61	-	-	-	-
				C.C. U9	57	57	57	57	57	-	-	-	-
				C.C. U10	58	58	58	58	58	-	-	-	-
				C.C. U11	60	60	60	60	60	-	-	-	-
				C.C. U12	54	54	54	54	54	-	-	-	-
				C.C. U13	59	59	59	59	59	-	-	-	-
				C.C. U14	60	60	60	60	60	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-56	-56	-56	-56	-56	-	-	-	-
				C.C.2	-60	-60	-60	-60	-60	-	-	-	-
				C.C.3	-52	-52	-52	-52	-52	-	-	-	-
				C.C.4	-52	-52	-52	-52	-52	-	-	-	-
				C.C.5	-39	-39	-39	-39	-39	-	-	-	-
				C.C.6	-927	-927	-927	-927	-927	-	-	-	-
				C.C.7	-825	-825	-825	-825	-825	-	-	-	-
				C.C.8	-920	-920	-920	-920	-920	-	-	-	-
				C.C.9	-818	-818	-818	-818	-818	-	-	-	-
				C.C.10	755	755	755	755	755	-	-	-	-
				C.C.11	857	857	857	857	857	-	-	-	-
				C.C.12	762	762	762	762	762	-	-	-	-
				C.C.13	864	864	864	864	864	-	-	-	-
				C.C.14	-377	-377	-377	-377	-377	-	-	-	-
				C.C.15	-215	-215	-215	-215	-215	-	-	-	-
				C.C.16	128	128	128	128	128	-	-	-	-
				C.C.17	290	290	290	290	290	-	-	-	-
				C.C.18	-353	-353	-353	-353	-353	-	-	-	-
				C.C.19	-191	-191	-191	-191	-191	-	-	-	-
				C.C.20	152	152	152	152	152	-	-	-	-
				C.C.21	314	314	314	314	314	-	-	-	-
				C.C. U1	-68	-68	-68	-68	-68	-	-	-	-
				C.C. U2	-70	-70	-70	-70	-70	-	-	-	-
				C.C. U3	-70	-70	-70	-70	-70	-	-	-	-
				C.C. U4	-43	-43	-43	-43	-43	-	-	-	-
				C.C. U5	-45	-45	-45	-45	-45	-	-	-	-
				C.C. U6	-29	-29	-29	-29	-29	-	-	-	-
				C.C. U7	-62	-62	-62	-62	-62	-	-	-	-
				C.C. U8	-63	-63	-63	-63	-63	-	-	-	-
				C.C. U9	-59	-59	-59	-59	-59	-	-	-	-
				C.C. U10	-60	-60	-60	-60	-60	-	-	-	-
				C.C. U11	-61	-61	-61	-61	-61	-	-	-	-
				C.C. U12	-56	-56	-56	-56	-56	-	-	-	-
				C.C. U13	-61	-61	-61	-61	-61	-	-	-	-
				C.C. U14	-62	-62	-62	-62	-62	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-27	-27	-27	-27	-27	-	-	-	-

				C.C.2	-26	-26	-26	-26	-26	-	-	-	-
				C.C.3	-28	-28	-28	-28	-28	-	-	-	-
				C.C.4	-14	-14	-14	-14	-14	-	-	-	-
				C.C.5	-18	-18	-18	-18	-18	-	-	-	-
				C.C.6	-612	-612	-612	-612	-612	-	-	-	-
				C.C.7	-595	-595	-595	-595	-595	-	-	-	-
				C.C.8	-588	-588	-588	-588	-588	-	-	-	-
				C.C.9	-571	-571	-571	-571	-571	-	-	-	-
				C.C.10	547	547	547	547	547	-	-	-	-
				C.C.11	564	564	564	564	564	-	-	-	-
				C.C.12	570	570	570	570	570	-	-	-	-
				C.C.13	587	587	587	587	587	-	-	-	-
				C.C.14	-239	-239	-239	-239	-239	-	-	-	-
				C.C.15	-212	-212	-212	-212	-212	-	-	-	-
				C.C.16	109	109	109	109	109	-	-	-	-
				C.C.17	136	136	136	136	136	-	-	-	-
				C.C.18	-160	-160	-160	-160	-160	-	-	-	-
				C.C.19	-133	-133	-133	-133	-133	-	-	-	-
				C.C.20	187	187	187	187	187	-	-	-	-
				C.C.21	214	214	214	214	214	-	-	-	-
				C.C. U1	-22	-22	-22	-22	-22	-	-	-	-
				C.C. U2	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U3	-19	-19	-19	-19	-19	-	-	-	-
				C.C. U4	-50	-31	-9	15	41	-	-	-	-
				C.C. U5	-43	-23	-2	22	49	-	-	-	-
				C.C. U6	-65	-33	3	43	87	-	-	-	-
				C.C. U7	-24	-24	-24	-24	-24	-	-	-	-
				C.C. U8	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U9	-22	-22	-22	-22	-22	-	-	-	-
				C.C. U10	-21	-21	-21	-21	-21	-	-	-	-
				C.C. U11	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U12	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U13	-22	-22	-22	-22	-22	-	-	-	-
				C.C. U14	-15	-15	-15	-15	-15	-	-	-	-
<b>29</b>	<b>piano 1</b>	<b>4</b>	<b>400.0 0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	28	28	28	28	28	-	-	-	-
				C.C.2	27	27	27	27	27	-	-	-	-
				C.C.3	29	29	29	29	29	-	-	-	-
				C.C.4	15	15	15	15	15	-	-	-	-
				C.C.5	19	19	19	19	19	-	-	-	-
				C.C.6	-564	-564	-564	-564	-564	-	-	-	-
				C.C.7	-547	-547	-547	-547	-547	-	-	-	-
				C.C.8	-588	-588	-588	-588	-588	-	-	-	-
				C.C.9	-571	-571	-571	-571	-571	-	-	-	-
				C.C.10	597	597	597	597	597	-	-	-	-
				C.C.11	614	614	614	614	614	-	-	-	-
				C.C.12	572	572	572	572	572	-	-	-	-
				C.C.13	590	590	590	590	590	-	-	-	-
				C.C.14	-134	-134	-134	-134	-134	-	-	-	-
				C.C.15	-107	-107	-107	-107	-107	-	-	-	-
				C.C.16	214	214	214	214	214	-	-	-	-
				C.C.17	242	242	242	242	242	-	-	-	-
				C.C.18	-216	-216	-216	-216	-216	-	-	-	-
				C.C.19	-189	-189	-189	-189	-189	-	-	-	-
				C.C.20	133	133	133	133	133	-	-	-	-
				C.C.21	160	160	160	160	160	-	-	-	-
				C.C. U1	25	25	25	25	25	-	-	-	-
				C.C. U2	18	18	18	18	18	-	-	-	-
				C.C. U3	23	23	23	23	23	-	-	-	-
				C.C. U4	34	34	34	34	34	-	-	-	-
				C.C. U5	27	27	27	27	27	-	-	-	-
				C.C. U6	38	38	38	38	38	-	-	-	-
				C.C. U7	25	25	25	25	25	-	-	-	-
				C.C. U8	18	18	18	18	18	-	-	-	-
				C.C. U9	23	23	23	23	23	-	-	-	-
				C.C. U10	22	22	22	22	22	-	-	-	-
				C.C. U11	15	15	15	15	15	-	-	-	-
				C.C. U12	18	18	18	18	18	-	-	-	-
				C.C. U13	24	24	24	24	24	-	-	-	-
				C.C. U14	16	16	16	16	16	-	-	-	-
<b>30</b>	<b>piano 1</b>	<b>5</b>	<b>400.0</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-

			0										
				C.C.1	62	62	62	62	62	-	-	-	-
				C.C.2	64	64	64	64	64	-	-	-	-
				C.C.3	59	59	59	59	59	-	-	-	-
				C.C.4	47	47	47	47	47	-	-	-	-
				C.C.5	38	38	38	38	38	-	-	-	-
				C.C.6	-1123	-1123	-1123	-1123	-1123	-	-	-	-
				C.C.7	-1184	-1184	-1184	-1184	-1184	-	-	-	-
				C.C.8	-835	-835	-835	-835	-835	-	-	-	-
				C.C.9	-896	-896	-896	-896	-896	-	-	-	-
				C.C.10	955	955	955	955	955	-	-	-	-
				C.C.11	894	894	894	894	894	-	-	-	-
				C.C.12	1242	1242	1242	1242	1242	-	-	-	-
				C.C.13	1182	1182	1182	1182	1182	-	-	-	-
				C.C.14	-713	-713	-713	-713	-713	-	-	-	-
				C.C.15	-810	-810	-810	-810	-810	-	-	-	-
				C.C.16	-90	-90	-90	-90	-90	-	-	-	-
				C.C.17	-186	-186	-186	-186	-186	-	-	-	-
				C.C.18	245	245	245	245	245	-	-	-	-
				C.C.19	149	149	149	149	149	-	-	-	-
				C.C.20	868	868	868	868	868	-	-	-	-
				C.C.21	772	772	772	772	772	-	-	-	-
				C.C. U1	66	66	66	66	66	-	-	-	-
				C.C. U2	63	63	63	63	63	-	-	-	-
				C.C. U3	61	61	61	61	61	-	-	-	-
				C.C. U4	69	75	82	90	98	-	-	-	-
				C.C. U5	66	72	79	87	95	-	-	-	-
				C.C. U6	66	76	88	101	115	-	-	-	-
				C.C. U7	75	60	44	27	8	-	-	-	-
				C.C. U8	72	58	42	25	6	-	-	-	-
				C.C. U9	76	52	25	-4	-35	-	-	-	-
				C.C. U10	80	80	80	80	80	-	-	-	-
				C.C. U11	78	78	78	78	78	-	-	-	-
				C.C. U12	85	85	85	85	85	-	-	-	-
				C.C. U13	65	65	65	65	65	-	-	-	-
				C.C. U14	62	62	62	62	62	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-64	-64	-64	-64	-64	-	-	-	-
				C.C.2	-67	-67	-67	-67	-67	-	-	-	-
				C.C.3	-62	-62	-62	-62	-62	-	-	-	-
				C.C.4	-49	-49	-49	-49	-49	-	-	-	-
				C.C.5	-40	-40	-40	-40	-40	-	-	-	-
				C.C.6	-891	-891	-891	-891	-891	-	-	-	-
				C.C.7	-952	-952	-952	-952	-952	-	-	-	-
				C.C.8	-1180	-1180	-1180	-1180	-1180	-	-	-	-
				C.C.9	-1241	-1241	-1241	-1241	-1241	-	-	-	-
				C.C.10	1179	1179	1179	1179	1179	-	-	-	-
				C.C.11	1118	1118	1118	1118	1118	-	-	-	-
				C.C.12	890	890	890	890	890	-	-	-	-
				C.C.13	829	829	829	829	829	-	-	-	-
				C.C.14	188	188	188	188	188	-	-	-	-
				C.C.15	92	92	92	92	92	-	-	-	-
				C.C.16	809	809	809	809	809	-	-	-	-
				C.C.17	713	713	713	713	713	-	-	-	-
				C.C.18	-775	-775	-775	-775	-775	-	-	-	-
				C.C.19	-871	-871	-871	-871	-871	-	-	-	-
				C.C.20	-154	-154	-154	-154	-154	-	-	-	-
				C.C.21	-250	-250	-250	-250	-250	-	-	-	-
				C.C. U1	-55	-52	-48	-43	-38	-	-	-	-
				C.C. U2	-52	-49	-45	-40	-35	-	-	-	-
				C.C. U3	-41	-35	-28	-21	-13	-	-	-	-
				C.C. U4	-52	-52	-52	-52	-52	-	-	-	-
				C.C. U5	-49	-49	-49	-49	-49	-	-	-	-
				C.C. U6	-35	-35	-35	-35	-35	-	-	-	-
				C.C. U7	-78	-63	-47	-30	-11	-	-	-	-
				C.C. U8	-75	-60	-44	-27	-9	-	-	-	-
				C.C. U9	-79	-54	-28	1	32	-	-	-	-
				C.C. U10	-83	-83	-83	-83	-83	-	-	-	-
				C.C. U11	-80	-80	-80	-80	-80	-	-	-	-
				C.C. U12	-88	-88	-88	-88	-88	-	-	-	-
				C.C. U13	-67	-67	-67	-67	-67	-	-	-	-

				C.C. U14	-65	-65	-65	-65	-65	-	-	-	-
--	--	--	--	----------	-----	-----	-----	-----	-----	---	---	---	---

#### 4.3.27 Taglio X-Y - Combinazioni SLD.

I prospetti seguenti riportano i valori del taglio (Txy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 79.I

Taglio (Txy) [daN] - Combinazioni SLD													
Asta	Imp.	Fili	L [cm]	Comb.	Txy <sub>1</sub>	Txy <sub>2</sub>	Txy <sub>3</sub>	Txy <sub>4</sub>	Txy <sub>5</sub>	Txy <sub>6</sub>	Txy <sub>7</sub>	Txy <sub>8</sub>	Txy <sub>9</sub>
<b>1</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	20	25	29	33	38	42	47	51	56
				C.C.3	-18	-23	-27	-31	-36	-40	-45	-49	-54
				C.C.4	33	40	47	55	62	70	77	85	92
				C.C.5	-31	-39	-46	-53	-61	-68	-76	-83	-91
				C.C.6	7	7	6	6	5	4	3	2	1
				C.C.7	-17	-17	-18	-19	-20	-22	-23	-25	-26
				C.C.8	-16	-11	-7	-3	1	6	9	13	16
				C.C.9	-39	-35	-32	-28	-24	-20	-17	-14	-11
				C.C.10	41	37	33	29	26	22	19	16	13
				C.C.11	17	13	8	4	0	-5	-8	-11	-15
				C.C.12	18	19	20	21	22	24	24	26	28
				C.C.13	-5	-5	-5	-4	-4	-2	-2	-1	0
				C.C.14	52	45	38	31	25	15	10	3	-4
				C.C.15	15	7	-1	-9	-16	-27	-32	-40	-48
				C.C.16	62	54	46	38	31	20	14	7	-1
				C.C.17	25	16	7	-1	-10	-21	-28	-36	-44
				C.C.18	-23	-14	-6	3	11	23	29	37	46
				C.C.19	-60	-53	-45	-37	-29	-19	-13	-5	2
				C.C.20	-13	-5	2	10	18	28	34	41	49
				C.C.21	-50	-44	-37	-30	-23	-13	-8	-1	6
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-29	-24	-18	-12	-7	-1	5	10	16
				C.C.3	29	23	17	12	6	0	-5	-11	-16
				C.C.4	-48	-39	-30	-20	-11	-1	8	17	27
				C.C.5	48	39	29	20	10	1	-8	-18	-27
				C.C.6	1	0	-2	-4	-6	-8	-10	-12	-15
				C.C.7	8	6	4	2	0	-3	-5	-7	-10
				C.C.8	-20	-15	-11	-7	-4	0	4	8	10
				C.C.9	-13	-9	-5	-2	2	5	9	13	15
				C.C.10	13	9	5	1	-2	-6	-9	-13	-16
				C.C.11	19	15	11	7	3	-1	-4	-8	-11
				C.C.12	-8	-6	-4	-2	0	2	5	7	10
				C.C.13	-1	0	2	3	6	8	10	12	15
				C.C.14	27	18	9	0	-9	-18	-28	-37	-47
				C.C.15	38	28	19	9	0	-10	-20	-29	-39
				C.C.16	31	21	11	2	-8	-18	-27	-37	-47
				C.C.17	42	31	21	11	1	-9	-19	-29	-39
				C.C.18	-42	-32	-21	-11	-1	9	19	29	38
				C.C.19	-31	-22	-12	-2	8	17	27	37	46
				C.C.20	-38	-29	-19	-10	0	10	19	29	38
				C.C.21	-28	-19	-10	-1	9	18	27	37	46
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-17	-11	-5	0	6	12	17	23	29
				C.C.3	17	11	6	0	-6	-11	-17	-23	-28
				C.C.4	-28	-18	-9	0	10	19	29	38	47
				C.C.5	28	19	9	0	-10	-19	-28	-38	-47
				C.C.6	12	9	6	3	-4	-7	-11	-15	-19
				C.C.7	17	14	11	8	2	-1	-5	-8	-12
				C.C.8	-14	-11	-8	-5	-6	-4	-2	0	2
				C.C.9	-9	-6	-3	0	0	2	5	7	9
				C.C.10	9	6	3	0	1	-2	-4	-6	-9
				C.C.11	14	11	8	5	6	4	2	0	-2
				C.C.12	-17	-14	-11	-8	-2	2	5	9	12
				C.C.13	-12	-9	-6	-3	4	7	11	15	19
				C.C.14	39	29	20	10	-1	-11	-21	-31	-42

				C.C.15	47	37	28	18	8	-2	-12	-21	-31
				C.C.16	38	28	19	9	0	-10	-19	-29	-39
				C.C.17	46	36	27	17	9	0	-10	-19	-28
				C.C.18	-46	-36	-27	-17	-9	1	10	19	28
				C.C.19	-38	-28	-18	-9	0	10	19	29	39
				C.C.20	-47	-37	-28	-18	-7	2	12	22	31
				C.C.21	-39	-29	-19	-10	1	11	21	32	42
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-51	-47	-42	-38	-33	-29	-25	-20	-16
				C.C.3	50	46	42	37	33	28	24	19	15
				C.C.4	-85	-78	-70	-63	-55	-48	-40	-33	-26
				C.C.5	85	77	70	62	55	47	40	33	25
				C.C.6	14	11	7	4	0	-4	-8	-12	-16
				C.C.7	-13	-16	-19	-22	-26	-29	-32	-36	-39
				C.C.8	-1	0	1	2	4	5	5	6	7
				C.C.9	-28	-27	-25	-24	-22	-20	-19	-18	-17
				C.C.10	28	26	25	24	21	20	19	17	16
				C.C.11	1	-1	-2	-2	-4	-5	-6	-6	-7
				C.C.12	13	16	19	21	25	29	32	35	39
				C.C.13	-14	-11	-8	-5	0	4	7	11	16
				C.C.14	44	36	28	21	10	2	-7	-15	-24
				C.C.15	1	-6	-14	-20	-30	-38	-45	-53	-61
				C.C.16	49	41	33	27	17	9	1	-7	-14
				C.C.17	6	-2	-9	-14	-24	-31	-38	-44	-51
				C.C.18	-6	1	8	14	23	30	37	44	51
				C.C.19	-49	-41	-33	-27	-17	-9	-2	6	14
				C.C.20	-2	6	14	20	30	37	45	53	61
				C.C.21	-45	-36	-28	-22	-11	-2	6	15	24
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	5	0	-5	-10	-15	-20	-25	-30	-35
				C.C.3	-6	-1	4	9	14	19	24	29	35
				C.C.4	9	1	-7	-16	-24	-33	-41	-50	-58
				C.C.5	-10	-1	7	16	24	32	41	49	58
				C.C.6	-52	-44	-36	-29	-21	-14	-6	1	15
				C.C.7	-72	-65	-58	-50	-43	-37	-30	-23	-9
				C.C.8	-46	-38	-30	-22	-15	-7	0	7	22
				C.C.9	-66	-58	-51	-44	-37	-30	-23	-17	-2
				C.C.10	65	58	51	44	37	30	23	16	2
				C.C.11	45	38	30	22	14	7	0	-7	-22
				C.C.12	72	64	57	50	43	36	29	23	9
				C.C.13	52	44	36	28	21	13	6	-1	-16
				C.C.14	-12	-10	-7	-4	-2	1	3	5	10
				C.C.15	-44	-42	-41	-39	-37	-36	-34	-33	-29
				C.C.16	23	21	19	17	15	14	12	10	6
				C.C.17	-9	-12	-15	-17	-20	-23	-25	-28	-33
				C.C.18	9	12	14	17	20	22	25	28	32
				C.C.19	-23	-21	-19	-18	-16	-14	-12	-10	-6
				C.C.20	44	42	41	39	37	35	34	32	28
				C.C.21	12	9	7	4	2	-1	-3	-6	-10
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	-134	-139	-144	-149	-154	-160	-165	-170	-175
				C.C.3	134	139	144	150	155	160	165	171	176
				C.C.4	-223	-232	-240	-249	-258	-266	-275	-284	-293
				C.C.5	223	232	240	249	258	266	275	284	293
				C.C.6	-23	-16	-8	-2	10	14	20	27	34
				C.C.7	-27	-21	-14	-8	4	7	14	20	27
				C.C.8	-26	-19	-12	-5	7	10	17	24	30
				C.C.9	-31	-24	-17	-11	1	4	10	17	23
				C.C.10	31	24	17	11	-1	-4	-10	-17	-23
				C.C.11	26	19	12	5	-7	-10	-17	-24	-30
				C.C.12	28	21	14	8	-4	-7	-14	-20	-27
				C.C.13	23	16	9	2	-10	-13	-20	-27	-34
				C.C.14	1	4	6	8	12	13	15	17	20
				C.C.15	-6	-4	-3	-1	2	3	5	7	8
				C.C.16	17	16	14	12	9	8	6	4	2
				C.C.17	10	7	5	3	-1	-2	-4	-6	-9
				C.C.18	-10	-7	-5	-3	1	2	4	7	9
				C.C.19	-17	-15	-14	-12	-9	-8	-6	-4	-2
				C.C.20	6	5	3	1	-2	-3	-5	-7	-8

				C.C.21	-1	-4	-6	-8	-12	-13	-15	-17	-19
<b>7</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	-11	-6	-1	4	9	14	19	24	30
				C.C.3	12	7	2	-3	-8	-13	-18	-23	-28
				C.C.4	-19	-11	-2	6	15	23	31	40	48
				C.C.5	20	12	3	-5	-13	-22	-30	-39	-47
				C.C.6	-44	-36	-29	-21	-13	-6	2	9	20
				C.C.7	-64	-57	-49	-42	-35	-28	-21	-15	-4
				C.C.8	-51	-43	-35	-27	-19	-12	-4	3	14
				C.C.9	-70	-63	-56	-49	-41	-34	-27	-21	-10
				C.C.10	71	64	57	50	43	36	29	22	11
				C.C.11	52	44	36	28	21	13	6	-2	-12
				C.C.12	65	58	51	43	36	29	22	16	5
				C.C.13	45	37	30	22	14	7	-1	-8	-18
				C.C.14	9	12	15	17	20	22	25	27	31
				C.C.15	-22	-20	-18	-17	-15	-13	-12	-10	-7
				C.C.16	44	42	40	39	37	35	33	31	28
				C.C.17	13	10	7	5	2	-1	-3	-6	-10
				C.C.18	-12	-9	-6	-3	-1	2	5	7	11
				C.C.19	-43	-41	-39	-37	-36	-34	-32	-30	-27
				C.C.20	23	21	19	18	16	14	13	11	8
				C.C.21	-8	-11	-14	-16	-19	-21	-24	-26	-30
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	139	144	149	155	160	165	170	176	181
				C.C.3	-139	-144	-150	-155	-160	-165	-171	-176	-181
				C.C.4	232	240	249	258	266	275	284	293	302
				C.C.5	-232	-240	-249	-258	-267	-275	-284	-293	-302
				C.C.6	-29	-22	-15	-8	-3	7	14	21	27
				C.C.7	-33	-26	-19	-13	-9	2	8	15	21
				C.C.8	-26	-19	-12	-5	0	10	17	24	30
				C.C.9	-30	-23	-16	-10	-6	5	11	18	24
				C.C.10	30	23	16	10	6	-5	-11	-18	-24
				C.C.11	26	19	12	5	0	-10	-17	-24	-30
				C.C.12	33	26	19	13	9	-2	-8	-15	-21
				C.C.13	29	22	15	8	3	-7	-14	-21	-27
				C.C.14	-11	-8	-6	-3	-2	1	3	6	8
				C.C.15	-17	-15	-13	-12	-11	-8	-6	-4	-2
				C.C.16	7	5	4	2	1	-2	-4	-6	-8
				C.C.17	1	-2	-4	-6	-8	-11	-13	-16	-18
				C.C.18	-1	2	4	6	8	11	13	16	18
				C.C.19	-7	-5	-4	-2	-1	2	4	6	8
				C.C.20	17	15	13	12	11	8	6	4	2
				C.C.21	11	8	6	3	2	-1	-3	-6	-8
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	325	319	314	309	304	299	294	290	285
				C.C.3	-328	-323	-318	-313	-308	-303	-298	-293	-289
				C.C.4	543	534	526	517	509	501	493	485	477
				C.C.5	-545	-537	-528	-520	-511	-503	-495	-487	-479
				C.C.6	-33	-26	-19	-13	-6	0	6	13	18
				C.C.7	-94	-87	-80	-74	-67	-60	-54	-48	-42
				C.C.8	-28	-21	-15	-8	-1	5	11	17	23
				C.C.9	-89	-82	-75	-69	-62	-56	-49	-43	-37
				C.C.10	86	80	73	66	60	53	47	40	34
				C.C.11	25	19	12	5	-1	-8	-14	-20	-26
				C.C.12	91	84	78	71	64	58	51	45	39
				C.C.13	30	23	17	10	4	-3	-9	-15	-21
				C.C.14	21	23	25	27	29	31	33	34	36
				C.C.15	-75	-73	-71	-69	-67	-65	-63	-61	-59
				C.C.16	57	55	53	51	49	47	45	43	41
				C.C.17	-40	-42	-44	-46	-48	-49	-51	-53	-55
				C.C.18	37	39	41	43	45	47	49	50	52
				C.C.19	-59	-57	-55	-53	-51	-49	-47	-45	-43
				C.C.20	73	71	69	67	65	63	61	59	57
				C.C.21	-24	-26	-28	-30	-32	-33	-35	-37	-38
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	3	3	3	3	3	3	3	3	3
				C.C.2	-327	-322	-316	-311	-306	-302	-297	-292	-287
				C.C.3	333	328	323	318	313	308	303	298	293
				C.C.4	-548	-539	-530	-522	-514	-505	-497	-489	-481

				C.C.5	553	544	535	527	518	510	502	494	486
				C.C.6	-23	-16	-9	-3	4	10	16	22	26
				C.C.7	-84	-77	-70	-64	-57	-51	-44	-38	-34
				C.C.8	-26	-19	-13	-6	0	7	13	19	23
				C.C.9	-87	-80	-74	-67	-60	-54	-48	-41	-37
				C.C.10	92	85	78	72	65	59	52	46	42
				C.C.11	31	24	18	11	4	-2	-8	-14	-18
				C.C.12	88	82	75	68	62	55	49	43	39
				C.C.13	28	21	14	8	1	-5	-12	-17	-21
				C.C.14	39	41	43	45	47	49	50	52	53
				C.C.15	-57	-55	-53	-51	-49	-47	-45	-43	-42
				C.C.16	74	72	70	67	65	63	61	59	58
				C.C.17	-23	-25	-27	-29	-31	-33	-35	-36	-37
				C.C.18	28	30	32	34	36	37	39	41	42
				C.C.19	-69	-67	-65	-63	-61	-59	-57	-55	-53
				C.C.20	62	60	58	56	54	52	50	48	47
				C.C.21	-34	-36	-38	-40	-42	-44	-46	-47	-48
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C.2	78	74	70	66	62	57	53	49	44
				C.C.3	-86	-82	-77	-73	-69	-65	-60	-56	-52
				C.C.4	134	127	120	113	106	99	92	85	78
				C.C.5	-139	-132	-125	-118	-111	-104	-97	-90	-82
				C.C.6	-1	-2	-3	-5	-6	-5	-14	-14	-16
				C.C.7	-30	-32	-34	-35	-37	-36	-46	-47	-49
				C.C.8	-33	-29	-24	-20	-16	-15	-4	-2	1
				C.C.9	-62	-58	-54	-51	-48	-47	-36	-34	-31
				C.C.10	57	53	49	46	43	42	31	29	27
				C.C.11	28	24	19	15	11	10	-1	-3	-6
				C.C.12	25	27	28	30	32	31	41	42	44
				C.C.13	-4	-3	-2	0	1	0	9	9	11
				C.C.14	66	57	48	39	33	33	-2	-4	-12
				C.C.15	20	10	0	-9	-16	-18	-53	-55	-64
				C.C.16	83	74	64	55	48	47	12	9	1
				C.C.17	38	27	16	6	-2	-4	-39	-42	-51
				C.C.18	-43	-32	-21	-11	-3	-1	34	37	46
				C.C.19	-88	-79	-69	-60	-53	-52	-17	-14	-6
				C.C.20	-25	-15	-5	4	11	13	48	50	59
				C.C.21	-71	-62	-53	-44	-38	-38	-3	-1	7
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	21	16	11	6	1	-5	-10	-15	-20
				C.C.3	-21	-16	-11	-6	-1	4	9	15	20
				C.C.4	35	26	18	9	1	-7	-16	-24	-33
				C.C.5	-35	-27	-18	-10	-1	7	16	24	32
				C.C.6	0	-3	-5	-9	-12	-15	-19	-23	-27
				C.C.7	6	3	0	-4	-7	-10	-14	-18	-22
				C.C.8	-27	-23	-19	-15	-12	-9	-5	-3	0
				C.C.9	-22	-18	-14	-11	-7	-4	0	3	6
				C.C.10	21	18	14	10	7	4	0	-3	-6
				C.C.11	27	23	19	15	12	8	5	2	0
				C.C.12	-6	-3	0	4	7	10	14	18	21
				C.C.13	0	2	5	8	12	15	19	23	27
				C.C.14	38	27	16	5	-7	-18	-30	-41	-53
				C.C.15	46	35	24	12	1	-10	-22	-33	-44
				C.C.16	44	33	22	10	-1	-12	-24	-35	-47
				C.C.17	53	41	30	18	7	-5	-16	-27	-38
				C.C.18	-53	-41	-30	-18	-7	4	16	27	38
				C.C.19	-44	-33	-22	-10	1	12	24	35	46
				C.C.20	-47	-35	-24	-13	-1	10	22	33	44
				C.C.21	-38	-27	-16	-5	6	18	29	41	53
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	4	4	4	5	5	5	5	5	5
				C.C.2	-42	-47	-51	-55	-59	-64	-68	-72	-76
				C.C.3	51	56	60	64	68	73	77	81	86
				C.C.4	-75	-82	-89	-96	-103	-110	-117	-124	-131
				C.C.5	81	88	96	103	110	117	124	131	138
				C.C.6	7	4	2	-9	-11	-14	-19	-23	-28
				C.C.7	-26	-29	-30	-41	-42	-45	-49	-53	-57
				C.C.8	-10	-9	-9	1	0	1	3	4	5
				C.C.9	-43	-41	-41	-30	-31	-29	-27	-25	-23
				C.C.10	49	47	47	37	37	36	34	32	30

				C.C.11	17	15	15	5	6	5	4	2	1
				C.C.12	32	35	36	47	48	52	55	59	63
				C.C.13	0	3	4	16	17	21	25	30	35
				C.C.14	51	43	40	4	2	-6	-17	-27	-38
				C.C.15	-1	-8	-11	-46	-47	-55	-64	-74	-84
				C.C.16	63	56	53	18	16	9	-1	-11	-21
				C.C.17	12	5	3	-32	-33	-40	-48	-57	-66
				C.C.18	-5	2	4	39	39	46	55	64	73
				C.C.19	-57	-49	-47	-11	-10	-2	8	17	28
				C.C.20	7	15	17	53	54	61	71	81	90
				C.C.21	-44	-36	-33	3	5	13	23	34	45
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.6	0	0	0	0	0	0	0	0	0
				C.C.7	2	2	2	2	2	2	2	2	2
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	2	2	2	2	2	2	2	2	2
				C.C.10	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.11	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.12	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.13	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.14	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.15	1	1	1	1	1	1	1	1	1
				C.C.16	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.17	0	0	0	0	0	0	0	0	0
				C.C.18	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.19	1	1	1	1	1	1	1	1	1
				C.C.20	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.21	0	0	0	0	0	0	0	0	0
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	3	3	3	3	3	3	3	3	3
				C.C.2	10	10	10	10	10	10	10	10	10
				C.C.3	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.4	14	14	14	14	14	14	14	14	14
				C.C.5	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C.6	302	302	302	302	302	302	302	302	302
				C.C.7	292	292	292	292	292	292	292	292	292
				C.C.8	317	317	317	317	317	317	317	317	317
				C.C.9	307	307	307	307	307	307	307	307	307
				C.C.10	-300	-300	-300	-300	-300	-300	-300	-300	-300
				C.C.11	-310	-310	-310	-310	-310	-310	-310	-310	-310
				C.C.12	-285	-285	-285	-285	-285	-285	-285	-285	-285
				C.C.13	-295	-295	-295	-295	-295	-295	-295	-295	-295
				C.C.14	77	77	77	77	77	77	77	77	77
				C.C.15	61	61	61	61	61	61	61	61	61
				C.C.16	-104	-104	-104	-104	-104	-104	-104	-104	-104
				C.C.17	-120	-120	-120	-120	-120	-120	-120	-120	-120
				C.C.18	126	126	126	126	126	126	126	126	126
				C.C.19	110	110	110	110	110	110	110	110	110
				C.C.20	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C.21	-70	-70	-70	-70	-70	-70	-70	-70	-70
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-605	-605	-605	-605	-605	-605	-605	-605	-605
				C.C.7	-688	-688	-688	-688	-688	-688	-688	-688	-688
				C.C.8	492	492	492	492	492	492	492	492	492
				C.C.9	410	410	410	410	410	410	410	410	410
				C.C.10	-410	-410	-410	-410	-410	-410	-410	-410	-410
				C.C.11	-492	-492	-492	-492	-492	-492	-492	-492	-492
				C.C.12	688	688	688	688	688	688	688	688	688
				C.C.13	605	605	605	605	605	605	605	605	605
				C.C.14	-1793	-1793	-1793	-1793	-1793	-1793	-1793	-1793	-1793



				C.C.15	-1924	-1924	-1924	-1924	-1924	-1924	-1924	-1924	-1924
				C.C.16	-1734	-1734	-1734	-1734	-1734	-1734	-1734	-1734	-1734
				C.C.17	-1865	-1865	-1865	-1865	-1865	-1865	-1865	-1865	-1865
				C.C.18	1865	1865	1865	1865	1865	1865	1865	1865	1865
				C.C.19	1734	1734	1734	1734	1734	1734	1734	1734	1734
				C.C.20	1924	1924	1924	1924	1924	1924	1924	1924	1924
				C.C.21	1793	1793	1793	1793	1793	1793	1793	1793	1793
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	15780	15780	15780	15780	15780	15780	15780	15780	15780
				C.C.7	14616	14616	14616	14616	14616	14616	14616	14616	14616
				C.C.8	16221	16221	16221	16221	16221	16221	16221	16221	16221
				C.C.9	15057	15057	15057	15057	15057	15057	15057	15057	15057
				C.C.10	-15057	-15057	-15057	-15057	-15057	-15057	-15057	-15057	-15057
				C.C.11	-16221	-16221	-16221	-16221	-16221	-16221	-16221	-16221	-16221
				C.C.12	-14616	-14616	-14616	-14616	-14616	-14616	-14616	-14616	-14616
				C.C.13	-15780	-15780	-15780	-15780	-15780	-15780	-15780	-15780	-15780
				C.C.14	4813	4813	4813	4813	4813	4813	4813	4813	4813
				C.C.15	2966	2966	2966	2966	2966	2966	2966	2966	2966
				C.C.16	-4439	-4439	-4439	-4439	-4439	-4439	-4439	-4439	-4439
				C.C.17	-6285	-6285	-6285	-6285	-6285	-6285	-6285	-6285	-6285
				C.C.18	6285	6285	6285	6285	6285	6285	6285	6285	6285
				C.C.19	4439	4439	4439	4439	4439	4439	4439	4439	4439
				C.C.20	-2966	-2966	-2966	-2966	-2966	-2966	-2966	-2966	-2966
				C.C.21	-4813	-4813	-4813	-4813	-4813	-4813	-4813	-4813	-4813
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C.3	4	4	4	4	4	4	4	4	4
				C.C.4	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.5	8	8	8	8	8	8	8	8	8
				C.C.6	310	310	310	310	310	310	310	310	310
				C.C.7	300	300	300	300	300	300	300	300	300
				C.C.8	299	299	299	299	299	299	299	299	299
				C.C.9	289	289	289	289	289	289	289	289	289
				C.C.10	-293	-293	-293	-293	-293	-293	-293	-293	-293
				C.C.11	-303	-303	-303	-303	-303	-303	-303	-303	-303
				C.C.12	-304	-304	-304	-304	-304	-304	-304	-304	-304
				C.C.13	-314	-314	-314	-314	-314	-314	-314	-314	-314
				C.C.14	114	114	114	114	114	114	114	114	114
				C.C.15	98	98	98	98	98	98	98	98	98
				C.C.16	-67	-67	-67	-67	-67	-67	-67	-67	-67
				C.C.17	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C.18	78	78	78	78	78	78	78	78	78
				C.C.19	63	63	63	63	63	63	63	63	63
				C.C.20	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C.21	-118	-118	-118	-118	-118	-118	-118	-118	-118
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	534	534	534	534	534	534	534	534	534
				C.C.7	452	452	452	452	452	452	452	452	452
				C.C.8	-563	-563	-563	-563	-563	-563	-563	-563	-563
				C.C.9	-645	-645	-645	-645	-645	-645	-645	-645	-645
				C.C.10	645	645	645	645	645	645	645	645	645
				C.C.11	563	563	563	563	563	563	563	563	563
				C.C.12	-452	-452	-452	-452	-452	-452	-452	-452	-452
				C.C.13	-534	-534	-534	-534	-534	-534	-534	-534	-534
				C.C.14	1877	1877	1877	1877	1877	1877	1877	1877	1877
				C.C.15	1747	1747	1747	1747	1747	1747	1747	1747	1747
				C.C.16	1911	1911	1911	1911	1911	1911	1911	1911	1911
				C.C.17	1781	1781	1781	1781	1781	1781	1781	1781	1781
				C.C.18	-1781	-1781	-1781	-1781	-1781	-1781	-1781	-1781	-1781
				C.C.19	-1911	-1911	-1911	-1911	-1911	-1911	-1911	-1911	-1911

				C.C.20	-1747	-1747	-1747	-1747	-1747	-1747	-1747	-1747	-1747
				C.C.21	-1877	-1877	-1877	-1877	-1877	-1877	-1877	-1877	-1877
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	16141	16141	16141	16141	16141	16141	16141	16141	16141
				C.C.7	14976	14976	14976	14976	14976	14976	14976	14976	14976
				C.C.8	15911	15911	15911	15911	15911	15911	15911	15911	15911
				C.C.9	14747	14747	14747	14747	14747	14747	14747	14747	14747
				C.C.10	-14747	-14747	-14747	-14747	-14747	-14747	-14747	-14747	-14747
				C.C.11	-15911	-15911	-15911	-15911	-15911	-15911	-15911	-15911	-15911
				C.C.12	-14976	-14976	-14976	-14976	-14976	-14976	-14976	-14976	-14976
				C.C.13	-16141	-16141	-16141	-16141	-16141	-16141	-16141	-16141	-16141
				C.C.14	5939	5939	5939	5939	5939	5939	5939	5939	5939
				C.C.15	4091	4091	4091	4091	4091	4091	4091	4091	4091
				C.C.16	-3327	-3327	-3327	-3327	-3327	-3327	-3327	-3327	-3327
				C.C.17	-5175	-5175	-5175	-5175	-5175	-5175	-5175	-5175	-5175
				C.C.18	5175	5175	5175	5175	5175	5175	5175	5175	5175
				C.C.19	3327	3327	3327	3327	3327	3327	3327	3327	3327
				C.C.20	-4091	-4091	-4091	-4091	-4091	-4091	-4091	-4091	-4091
				C.C.21	-5939	-5939	-5939	-5939	-5939	-5939	-5939	-5939	-5939
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	23	23	23	23	23	23	23	23	23
				C.C.2	28	28	28	28	28	28	28	28	28
				C.C.3	17	17	17	17	17	17	17	17	17
				C.C.4	25	25	25	25	25	25	25	25	25
				C.C.5	6	6	6	6	6	6	6	6	6
				C.C.6	-1561	-1561	-1561	-1561	-1561	-1561	-1561	-1561	-1561
				C.C.7	-1502	-1502	-1502	-1502	-1502	-1502	-1502	-1502	-1502
				C.C.8	-1602	-1602	-1602	-1602	-1602	-1602	-1602	-1602	-1602
				C.C.9	-1543	-1543	-1543	-1543	-1543	-1543	-1543	-1543	-1543
				C.C.10	1574	1574	1574	1574	1574	1574	1574	1574	1574
				C.C.11	1633	1633	1633	1633	1633	1633	1633	1633	1633
				C.C.12	1533	1533	1533	1533	1533	1533	1533	1533	1533
				C.C.13	1592	1592	1592	1592	1592	1592	1592	1592	1592
				C.C.14	-433	-433	-433	-433	-433	-433	-433	-433	-433
				C.C.15	-339	-339	-339	-339	-339	-339	-339	-339	-339
				C.C.16	507	507	507	507	507	507	507	507	507
				C.C.17	601	601	601	601	601	601	601	601	601
				C.C.18	-570	-570	-570	-570	-570	-570	-570	-570	-570
				C.C.19	-476	-476	-476	-476	-476	-476	-476	-476	-476
				C.C.20	370	370	370	370	370	370	370	370	370
				C.C.21	464	464	464	464	464	464	464	464	464
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.2	-28	-28	-28	-28	-28	-28	-28	-28	-28
				C.C.3	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C.4	-24	-24	-24	-24	-24	-24	-24	-24	-24
				C.C.5	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.6	-1625	-1625	-1625	-1625	-1625	-1625	-1625	-1625	-1625
				C.C.7	-1566	-1566	-1566	-1566	-1566	-1566	-1566	-1566	-1566
				C.C.8	-1606	-1606	-1606	-1606	-1606	-1606	-1606	-1606	-1606
				C.C.9	-1546	-1546	-1546	-1546	-1546	-1546	-1546	-1546	-1546
				C.C.10	1516	1516	1516	1516	1516	1516	1516	1516	1516
				C.C.11	1576	1576	1576	1576	1576	1576	1576	1576	1576
				C.C.12	1536	1536	1536	1536	1536	1536	1536	1536	1536
				C.C.13	1595	1595	1595	1595	1595	1595	1595	1595	1595
				C.C.14	-566	-566	-566	-566	-566	-566	-566	-566	-566
				C.C.15	-472	-472	-472	-472	-472	-472	-472	-472	-472
				C.C.16	377	377	377	377	377	377	377	377	377
				C.C.17	471	471	471	471	471	471	471	471	471
				C.C.18	-501	-501	-501	-501	-501	-501	-501	-501	-501
				C.C.19	-407	-407	-407	-407	-407	-407	-407	-407	-407
				C.C.20	441	441	441	441	441	441	441	441	441
				C.C.21	536	536	536	536	536	536	536	536	536
<b>23</b>	<b>piano 1</b>	<b>5, 6</b>	<b>246.9 1</b>		<b>(X=0)</b>	<b>(X=31)</b>	<b>(X=62)</b>	<b>(X=93)</b>	<b>(X=123)</b>	<b>(X=154)</b>	<b>(X=185)</b>	<b>(X=216)</b>	<b>(X=L)</b>
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1

				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.6	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.7	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.8	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.9	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C.10	18	18	18	18	18	18	18	18	18
				C.C.11	24	24	24	24	24	24	24	24	24
				C.C.12	18	18	18	18	18	18	18	18	18
				C.C.13	24	24	24	24	24	24	24	24	24
				C.C.14	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.15	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.16	1	1	1	1	1	1	1	1	1
				C.C.17	11	11	11	11	11	11	11	11	11
				C.C.18	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C.19	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C.20	0	0	0	0	0	0	0	0	0
				C.C.21	10	10	10	10	10	10	10	10	10
<b>24</b>	<b>piano 1</b>	<b>9, 5</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	-287	-287	-287	-287	-287	-287	-287	-287	-287
				C.C.7	-415	-415	-415	-415	-415	-415	-415	-415	-415
				C.C.8	1245	1245	1245	1245	1245	1245	1245	1245	1245
				C.C.9	1117	1117	1117	1117	1117	1117	1117	1117	1117
				C.C.10	-1117	-1117	-1117	-1117	-1117	-1117	-1117	-1117	-1117
				C.C.11	-1245	-1245	-1245	-1245	-1245	-1245	-1245	-1245	-1245
				C.C.12	415	415	415	415	415	415	415	415	415
				C.C.13	287	287	287	287	287	287	287	287	287
				C.C.14	-2327	-2327	-2327	-2327	-2327	-2327	-2327	-2327	-2327
				C.C.15	-2530	-2530	-2530	-2530	-2530	-2530	-2530	-2530	-2530
				C.C.16	-2576	-2576	-2576	-2576	-2576	-2576	-2576	-2576	-2576
				C.C.17	-2779	-2779	-2779	-2779	-2779	-2779	-2779	-2779	-2779
				C.C.18	2779	2779	2779	2779	2779	2779	2779	2779	2779
				C.C.19	2576	2576	2576	2576	2576	2576	2576	2576	2576
				C.C.20	2530	2530	2530	2530	2530	2530	2530	2530	2530
				C.C.21	2327	2327	2327	2327	2327	2327	2327	2327	2327
<b>25</b>	<b>piano 1</b>	<b>6, 10</b>	<b>71.91</b>		<b>(X=0)</b>	<b>(X=9)</b>	<b>(X=18)</b>	<b>(X=27)</b>	<b>(X=36)</b>	<b>(X=45)</b>	<b>(X=54)</b>	<b>(X=63)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	1301	1301	1301	1301	1301	1301	1301	1301	1301
				C.C.7	1174	1174	1174	1174	1174	1174	1174	1174	1174
				C.C.8	-224	-224	-224	-224	-224	-224	-224	-224	-224
				C.C.9	-351	-351	-351	-351	-351	-351	-351	-351	-351
				C.C.10	351	351	351	351	351	351	351	351	351
				C.C.11	224	224	224	224	224	224	224	224	224
				C.C.12	-1174	-1174	-1174	-1174	-1174	-1174	-1174	-1174	-1174
				C.C.13	-1301	-1301	-1301	-1301	-1301	-1301	-1301	-1301	-1301
				C.C.14	2785	2785	2785	2785	2785	2785	2785	2785	2785
				C.C.15	2584	2584	2584	2584	2584	2584	2584	2584	2584
				C.C.16	2500	2500	2500	2500	2500	2500	2500	2500	2500
				C.C.17	2299	2299	2299	2299	2299	2299	2299	2299	2299
				C.C.18	-2299	-2299	-2299	-2299	-2299	-2299	-2299	-2299	-2299
				C.C.19	-2500	-2500	-2500	-2500	-2500	-2500	-2500	-2500	-2500
				C.C.20	-2584	-2584	-2584	-2584	-2584	-2584	-2584	-2584	-2584
				C.C.21	-2785	-2785	-2785	-2785	-2785	-2785	-2785	-2785	-2785
<b>26</b>	<b>piano 1</b>	<b>1</b>	<b>400.00</b>		<b>(X=0)</b>	<b>(X=100)</b>	<b>(X=200)</b>	<b>(X=300)</b>	<b>(X=L)</b>	-	-	-	-
				C.C.1	37	37	37	37	37	-	-	-	-
				C.C.2	40	40	40	40	40	-	-	-	-
				C.C.3	34	34	34	34	34	-	-	-	-
				C.C.4	35	35	35	35	35	-	-	-	-
				C.C.5	26	26	26	26	26	-	-	-	-
				C.C.6	-479	-479	-479	-479	-479	-	-	-	-
				C.C.7	-421	-421	-421	-421	-421	-	-	-	-

				C.C.8	-492	-492	-492	-492	-492	-	-	-	-
				C.C.9	-433	-433	-433	-433	-433	-	-	-	-
				C.C.10	494	494	494	494	494	-	-	-	-
				C.C.11	553	553	553	553	553	-	-	-	-
				C.C.12	482	482	482	482	482	-	-	-	-
				C.C.13	540	540	540	540	540	-	-	-	-
				C.C.14	-141	-141	-141	-141	-141	-	-	-	-
				C.C.15	-48	-48	-48	-48	-48	-	-	-	-
				C.C.16	151	151	151	151	151	-	-	-	-
				C.C.17	244	244	244	244	244	-	-	-	-
				C.C.18	-183	-183	-183	-183	-183	-	-	-	-
				C.C.19	-90	-90	-90	-90	-90	-	-	-	-
				C.C.20	109	109	109	109	109	-	-	-	-
				C.C.21	202	202	202	202	202	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-38	-38	-38	-38	-38	-	-	-	-
				C.C.2	-41	-41	-41	-41	-41	-	-	-	-
				C.C.3	-36	-36	-36	-36	-36	-	-	-	-
				C.C.4	-36	-36	-36	-36	-36	-	-	-	-
				C.C.5	-27	-27	-27	-27	-27	-	-	-	-
				C.C.6	-551	-551	-551	-551	-551	-	-	-	-
				C.C.7	-493	-493	-493	-493	-493	-	-	-	-
				C.C.8	-545	-545	-545	-545	-545	-	-	-	-
				C.C.9	-487	-487	-487	-487	-487	-	-	-	-
				C.C.10	424	424	424	424	424	-	-	-	-
				C.C.11	482	482	482	482	482	-	-	-	-
				C.C.12	430	430	430	430	430	-	-	-	-
				C.C.13	488	488	488	488	488	-	-	-	-
				C.C.14	-234	-234	-234	-234	-234	-	-	-	-
				C.C.15	-141	-141	-141	-141	-141	-	-	-	-
				C.C.16	59	59	59	59	59	-	-	-	-
				C.C.17	151	151	151	151	151	-	-	-	-
				C.C.18	-214	-214	-214	-214	-214	-	-	-	-
				C.C.19	-122	-122	-122	-122	-122	-	-	-	-
				C.C.20	78	78	78	78	78	-	-	-	-
				C.C.21	171	171	171	171	171	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-19	-19	-19	-19	-19	-	-	-	-
				C.C.2	-19	-19	-19	-19	-19	-	-	-	-
				C.C.3	-20	-20	-20	-20	-20	-	-	-	-
				C.C.4	-11	-11	-11	-11	-11	-	-	-	-
				C.C.5	-13	-13	-13	-13	-13	-	-	-	-
				C.C.6	-347	-347	-347	-347	-347	-	-	-	-
				C.C.7	-337	-337	-337	-337	-337	-	-	-	-
				C.C.8	-335	-335	-335	-335	-335	-	-	-	-
				C.C.9	-326	-326	-326	-326	-326	-	-	-	-
				C.C.10	301	301	301	301	301	-	-	-	-
				C.C.11	311	311	311	311	311	-	-	-	-
				C.C.12	313	313	313	313	313	-	-	-	-
				C.C.13	322	322	322	322	322	-	-	-	-
				C.C.14	-137	-137	-137	-137	-137	-	-	-	-
				C.C.15	-121	-121	-121	-121	-121	-	-	-	-
				C.C.16	58	58	58	58	58	-	-	-	-
				C.C.17	73	73	73	73	73	-	-	-	-
				C.C.18	-98	-98	-98	-98	-98	-	-	-	-
				C.C.19	-82	-82	-82	-82	-82	-	-	-	-
				C.C.20	96	96	96	96	96	-	-	-	-
				C.C.21	112	112	112	112	112	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	20	20	20	20	20	-	-	-	-
				C.C.2	20	20	20	20	20	-	-	-	-
				C.C.3	21	21	21	21	21	-	-	-	-
				C.C.4	12	12	12	12	12	-	-	-	-
				C.C.5	14	14	14	14	14	-	-	-	-
				C.C.6	-309	-309	-309	-309	-309	-	-	-	-
				C.C.7	-299	-299	-299	-299	-299	-	-	-	-
				C.C.8	-325	-325	-325	-325	-325	-	-	-	-
				C.C.9	-315	-315	-315	-315	-315	-	-	-	-
				C.C.10	341	341	341	341	341	-	-	-	-
				C.C.11	351	351	351	351	351	-	-	-	-

				C.C.12	325	325	325	325	325	-	-	-	-
				C.C.13	335	335	335	335	335	-	-	-	-
				C.C.14	-66	-66	-66	-66	-66	-	-	-	-
				C.C.15	-50	-50	-50	-50	-50	-	-	-	-
				C.C.16	129	129	129	129	129	-	-	-	-
				C.C.17	145	145	145	145	145	-	-	-	-
				C.C.18	-119	-119	-119	-119	-119	-	-	-	-
				C.C.19	-103	-103	-103	-103	-103	-	-	-	-
				C.C.20	76	76	76	76	76	-	-	-	-
				C.C.21	92	92	92	92	92	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	42	42	42	42	42	-	-	-	-
				C.C.2	44	44	44	44	44	-	-	-	-
				C.C.3	40	40	40	40	40	-	-	-	-
				C.C.4	32	32	32	32	32	-	-	-	-
				C.C.5	27	27	27	27	27	-	-	-	-
				C.C.6	-588	-588	-588	-588	-588	-	-	-	-
				C.C.7	-621	-621	-621	-621	-621	-	-	-	-
				C.C.8	-429	-429	-429	-429	-429	-	-	-	-
				C.C.9	-461	-461	-461	-461	-461	-	-	-	-
				C.C.10	520	520	520	520	520	-	-	-	-
				C.C.11	488	488	488	488	488	-	-	-	-
				C.C.12	679	679	679	679	679	-	-	-	-
				C.C.13	647	647	647	647	647	-	-	-	-
				C.C.14	-377	-377	-377	-377	-377	-	-	-	-
				C.C.15	-428	-428	-428	-428	-428	-	-	-	-
				C.C.16	-44	-44	-44	-44	-44	-	-	-	-
				C.C.17	-96	-96	-96	-96	-96	-	-	-	-
				C.C.18	155	155	155	155	155	-	-	-	-
				C.C.19	103	103	103	103	103	-	-	-	-
				C.C.20	487	487	487	487	487	-	-	-	-
				C.C.21	435	435	435	435	435	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-44	-44	-44	-44	-44	-	-	-	-
				C.C.2	-46	-46	-46	-46	-46	-	-	-	-
				C.C.3	-42	-42	-42	-42	-42	-	-	-	-
				C.C.4	-34	-34	-34	-34	-34	-	-	-	-
				C.C.5	-28	-28	-28	-28	-28	-	-	-	-
				C.C.6	-477	-477	-477	-477	-477	-	-	-	-
				C.C.7	-509	-509	-509	-509	-509	-	-	-	-
				C.C.8	-644	-644	-644	-644	-644	-	-	-	-
				C.C.9	-676	-676	-676	-676	-676	-	-	-	-
				C.C.10	614	614	614	614	614	-	-	-	-
				C.C.11	582	582	582	582	582	-	-	-	-
				C.C.12	447	447	447	447	447	-	-	-	-
				C.C.13	415	415	415	415	415	-	-	-	-
				C.C.14	109	109	109	109	109	-	-	-	-
				C.C.15	57	57	57	57	57	-	-	-	-
				C.C.16	436	436	436	436	436	-	-	-	-
				C.C.17	385	385	385	385	385	-	-	-	-
				C.C.18	-447	-447	-447	-447	-447	-	-	-	-
				C.C.19	-498	-498	-498	-498	-498	-	-	-	-
				C.C.20	-119	-119	-119	-119	-119	-	-	-	-
				C.C.21	-171	-171	-171	-171	-171	-	-	-	-

#### 4.3.28 Taglio X-Y - Combinazioni SLE Caratteristiche.

I prospetti seguenti riportano i valori del taglio (Txy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 80.I

Taglio (Txy) [daN] - Combinazioni SLE Caratteristiche													
Asta	Imp.	Fili	L [cm]	Comb.	Txy <sub>1</sub>	Txy <sub>2</sub>	Txy <sub>3</sub>	Txy <sub>4</sub>	Txy <sub>5</sub>	Txy <sub>6</sub>	Txy <sub>7</sub>	Txy <sub>8</sub>	Txy <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	39	44	48	52	57	61	66	70	75
				C.C.2	-37	-42	-46	-50	-55	-59	-64	-68	-73
				C.C.3	64	72	79	86	94	101	109	116	124

				C.C.4	-63	-70	-78	-85	-92	-100	-107	-115	-122
				C.C. U1	43	47	51	56	60	65	69	73	78
				C.C. U2	68	75	83	90	97	105	112	119	127
				C.C. U3	45	49	54	58	62	67	71	75	80
				C.C. U4	42	47	51	55	60	64	69	73	78
				C.C. U5	39	43	47	52	56	61	65	70	74
				C.C. U6	64	71	79	86	93	101	108	116	123
				C.C. U7	38	42	47	51	56	60	65	69	74
				C.C. U8	38	43	47	52	56	60	65	69	74
				C.C. U9	41	45	49	53	57	61	65	69	73
				C.C. U10	66	73	80	87	94	101	108	115	122
				C.C. U11	42	46	49	53	57	61	64	68	72
				C.C. U12	41	45	49	53	57	61	65	69	73
				C.C. U13	41	45	48	51	55	58	62	65	69
				C.C. U14	66	73	79	86	92	99	105	112	118
				C.C. U15	42	45	48	51	54	56	59	62	65
				C.C. U16	41	44	48	51	55	58	62	65	69
				C.C. U17	-34	-38	-43	-47	-52	-56	-61	-65	-70
				C.C. U18	-59	-67	-74	-82	-89	-96	-104	-112	-119
				C.C. U19	-32	-36	-40	-45	-50	-54	-59	-63	-68
				C.C. U20	-34	-38	-43	-47	-52	-56	-61	-66	-70
				C.C. U21	-38	-42	-47	-51	-56	-60	-64	-69	-73
				C.C. U22	-63	-71	-78	-85	-93	-100	-108	-115	-123
				C.C. U23	-38	-43	-47	-52	-56	-60	-65	-69	-74
				C.C. U24	-38	-42	-47	-51	-56	-60	-65	-69	-74
				C.C. U25	-35	-40	-45	-50	-55	-60	-65	-70	-74
				C.C. U26	-61	-69	-77	-84	-92	-100	-108	-116	-124
				C.C. U27	-34	-39	-45	-50	-55	-60	-65	-70	-76
				C.C. U28	-36	-41	-45	-50	-55	-60	-65	-70	-75
				C.C. U29	-35	-41	-46	-51	-57	-62	-68	-73	-79
				C.C. U30	-61	-69	-77	-86	-94	-103	-111	-119	-128
				C.C. U31	-34	-40	-46	-52	-58	-64	-70	-76	-83
				C.C. U32	-36	-41	-46	-52	-57	-62	-68	-73	-79
				C.C. U33	39	43	48	52	57	61	66	70	75
				C.C. U34	64	72	79	87	94	101	109	116	124
				C.C. U35	39	43	48	52	57	61	66	70	75
				C.C. U36	-37	-42	-46	-51	-55	-59	-64	-68	-73
				C.C. U37	-63	-70	-78	-85	-92	-100	-107	-115	-122
				C.C. U38	-38	-42	-46	-51	-55	-60	-64	-69	-73
<b>2</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-33	-28	-22	-16	-11	-5	1	6	12
				C.C.2	33	27	21	16	10	4	-1	-7	-13
				C.C.3	-55	-46	-36	-27	-17	-8	1	11	20
				C.C.4	55	45	36	26	17	8	-2	-11	-21
				C.C. U1	-34	-28	-23	-17	-12	-6	-1	5	10
				C.C. U2	-55	-46	-37	-28	-18	-9	0	9	19
				C.C. U3	-34	-28	-23	-18	-12	-7	-2	4	9
				C.C. U4	-33	-28	-23	-17	-12	-6	-1	5	10
				C.C. U5	-33	-27	-22	-16	-11	-5	1	7	12
				C.C. U6	-55	-46	-36	-27	-17	-8	2	11	20
				C.C. U7	-33	-27	-22	-16	-10	-5	1	7	12
				C.C. U8	-33	-27	-22	-16	-10	-5	1	7	12
				C.C. U9	-31	-26	-21	-16	-11	-6	0	5	10
				C.C. U10	-53	-44	-35	-27	-18	-9	0	9	18
				C.C. U11	-30	-25	-20	-16	-11	-6	-1	4	8
				C.C. U12	-31	-26	-21	-16	-11	-6	0	5	10
				C.C. U13	-28	-24	-19	-15	-10	-6	-1	3	8
				C.C. U14	-50	-42	-34	-25	-17	-9	-1	8	16
				C.C. U15	-25	-21	-17	-14	-10	-6	-3	1	5
				C.C. U16	-28	-24	-19	-15	-10	-6	-1	3	8
				C.C. U17	32	26	21	15	9	3	-3	-8	-14
				C.C. U18	54	45	35	26	16	6	-3	-13	-23
				C.C. U19	32	26	20	14	8	3	-4	-10	-16
				C.C. U20	32	27	21	15	9	3	-3	-8	-14
				C.C. U21	33	27	21	16	10	5	-1	-7	-12
				C.C. U22	55	45	36	27	17	8	-2	-11	-21
				C.C. U23	33	27	22	16	10	5	-1	-7	-12
				C.C. U24	33	27	22	16	10	5	-1	-7	-12
				C.C. U25	35	28	22	16	10	4	-2	-9	-15
				C.C. U26	57	47	37	27	17	7	-3	-13	-23
				C.C. U27	36	29	23	16	10	3	-3	-10	-16
				C.C. U28	35	29	22	16	10	4	-2	-9	-15

				C.C. U29	38	31	24	17	10	3	-3	-10	-17
				C.C. U30	60	49	39	28	17	7	-4	-15	-25
				C.C. U31	41	34	26	18	11	3	-5	-12	-20
				C.C. U32	38	31	24	17	10	4	-3	-10	-17
				C.C. U33	-33	-28	-22	-16	-11	-5	1	6	12
				C.C. U34	-55	-46	-36	-27	-18	-8	1	11	20
				C.C. U35	-33	-28	-22	-16	-11	-5	1	6	12
				C.C. U36	33	27	21	16	10	4	-1	-7	-13
				C.C. U37	55	45	36	26	17	8	-2	-11	-21
				C.C. U38	33	27	21	16	10	4	-1	-7	-12
<b>3</b>	<b>fondazione</b>	<b>1, 2</b>	<b>77.50</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=19)</b>	<b>(X=29)</b>	<b>(X=39)</b>	<b>(X=48)</b>	<b>(X=58)</b>	<b>(X=68)</b>	<b>(X=L)</b>
				C.C.1	-13	-7	-2	4	10	15	21	27	32
				C.C.2	13	8	2	-4	-9	-15	-21	-26	-32
				C.C.3	-22	-12	-3	7	16	25	35	44	54
				C.C.4	22	13	3	-6	-16	-25	-35	-44	-53
				C.C. U1	-13	-7	-2	4	9	14	20	25	30
				C.C. U2	-21	-12	-3	6	15	24	34	43	52
				C.C. U3	-12	-7	-2	3	8	14	19	24	29
				C.C. U4	-13	-7	-2	4	9	14	20	25	30
				C.C. U5	-13	-7	-2	4	10	15	21	27	32
				C.C. U6	-22	-12	-3	7	16	26	35	44	54
				C.C. U7	-13	-7	-1	4	10	16	21	27	33
				C.C. U8	-13	-7	-2	4	10	15	21	27	32
				C.C. U9	-11	-6	-1	5	10	15	20	25	30
				C.C. U10	-20	-11	-2	7	16	25	34	43	52
				C.C. U11	-9	-4	0	5	10	15	19	24	29
				C.C. U12	-11	-6	-1	5	10	15	20	25	30
				C.C. U13	-9	-4	0	5	9	14	18	23	27
				C.C. U14	-17	-9	-1	7	16	24	32	40	49
				C.C. U15	-5	-2	2	6	9	13	17	20	24
				C.C. U16	-9	-4	0	5	9	14	18	23	27
				C.C. U17	14	8	2	-4	-10	-16	-22	-28	-34
				C.C. U18	22	13	3	-7	-16	-26	-36	-46	-55
				C.C. U19	14	8	2	-4	-11	-17	-23	-29	-35
				C.C. U20	14	8	2	-4	-10	-16	-22	-28	-34
				C.C. U21	13	8	2	-4	-9	-15	-20	-26	-32
				C.C. U22	22	13	3	-6	-16	-25	-34	-44	-53
				C.C. U23	13	8	2	-4	-9	-15	-20	-26	-32
				C.C. U24	13	8	2	-4	-9	-15	-21	-26	-32
				C.C. U25	16	9	3	-3	-9	-15	-22	-28	-34
				C.C. U26	24	14	4	-6	-16	-26	-35	-45	-55
				C.C. U27	17	11	4	-3	-9	-16	-22	-29	-35
				C.C. U28	15	9	3	-3	-9	-15	-22	-28	-34
				C.C. U29	18	11	4	-3	-10	-16	-23	-30	-37
				C.C. U30	27	16	5	-5	-16	-27	-37	-48	-58
				C.C. U31	21	13	6	-2	-10	-17	-25	-33	-40
				C.C. U32	18	11	4	-3	-10	-17	-23	-30	-37
				C.C. U33	-13	-7	-2	4	10	15	21	27	32
				C.C. U34	-22	-12	-3	7	16	25	35	44	54
				C.C. U35	-13	-7	-2	4	10	15	21	27	32
				C.C. U36	13	8	2	-4	-9	-15	-21	-26	-32
				C.C. U37	22	13	3	-6	-16	-25	-35	-44	-53
				C.C. U38	13	8	2	-4	-9	-15	-21	-26	-32
<b>4</b>	<b>fondazione</b>	<b>1, 2</b>	<b>62.50</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=23)</b>	<b>(X=31)</b>	<b>(X=39)</b>	<b>(X=47)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-69	-64	-59	-55	-51	-46	-42	-37	-33
				C.C.2	68	63	59	54	50	45	41	36	32
				C.C.3	-114	-106	-99	-91	-84	-76	-69	-62	-54
				C.C.4	113	106	98	91	83	76	69	61	54
				C.C. U1	-64	-60	-56	-52	-48	-44	-40	-35	-31
				C.C. U2	-110	-103	-95	-88	-81	-74	-67	-60	-53
				C.C. U3	-62	-58	-54	-50	-46	-42	-38	-34	-31
				C.C. U4	-64	-60	-56	-52	-48	-43	-39	-35	-31
				C.C. U5	-69	-65	-60	-56	-51	-47	-42	-38	-33
				C.C. U6	-114	-107	-99	-92	-84	-77	-70	-62	-55
				C.C. U7	-70	-65	-60	-56	-51	-47	-43	-38	-34
				C.C. U8	-69	-64	-60	-55	-51	-46	-42	-37	-33
				C.C. U9	-67	-63	-59	-54	-50	-46	-42	-38	-34
				C.C. U10	-112	-105	-98	-91	-84	-77	-70	-63	-56
				C.C. U11	-66	-62	-58	-54	-50	-47	-43	-39	-36
				C.C. U12	-67	-62	-58	-54	-50	-46	-42	-38	-34
				C.C. U13	-63	-59	-56	-52	-49	-45	-42	-38	-35
				C.C. U14	-108	-101	-95	-88	-82	-75	-69	-63	-56

				C.C. U15	-59	-56	-53	-50	-47	-44	-42	-39	-36
				C.C. U16	-63	-59	-55	-52	-48	-45	-41	-38	-35
				C.C. U17	72	67	62	57	52	48	43	38	33
				C.C. U18	117	109	102	94	86	78	70	63	55
				C.C. U19	74	69	64	59	54	49	44	39	34
				C.C. U20	72	67	62	57	53	48	43	38	34
				C.C. U21	67	63	58	54	49	45	40	36	32
				C.C. U22	112	105	97	90	83	75	68	61	53
				C.C. U23	67	62	58	53	49	44	40	36	31
				C.C. U24	67	63	58	54	49	45	41	36	32
				C.C. U25	69	65	60	55	50	45	40	35	30
				C.C. U26	115	107	99	91	83	75	68	60	52
				C.C. U27	71	65	60	55	50	45	39	34	29
				C.C. U28	70	65	60	55	50	45	40	35	31
				C.C. U29	73	68	63	57	52	46	41	35	30
				C.C. U30	119	110	102	94	85	77	68	60	52
				C.C. U31	77	71	65	59	53	47	41	35	29
				C.C. U32	74	68	63	57	52	46	41	36	30
				C.C. U33	-68	-64	-59	-55	-50	-46	-41	-37	-33
				C.C. U34	-114	-106	-99	-91	-84	-76	-69	-62	-54
				C.C. U35	-68	-64	-59	-55	-50	-46	-41	-37	-32
				C.C. U36	68	63	59	54	50	45	41	37	32
				C.C. U37	113	106	98	91	83	76	69	61	54
				C.C. U38	68	63	59	54	50	46	41	37	32
<b>5</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=7)</b>	<b>(X=15)</b>	<b>(X=22)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-2	-7	-12	-18	-23	-28	-33	-38	-43
				C.C.2	2	7	12	17	22	27	32	37	42
				C.C.3	-4	-12	-20	-29	-37	-46	-54	-63	-71
				C.C.4	3	12	20	29	37	46	54	63	71
				C.C. U1	0	-5	-10	-15	-20	-25	-30	-35	-40
				C.C. U2	-2	-10	-18	-26	-35	-43	-51	-60	-68
				C.C. U3	1	-4	-8	-13	-18	-23	-28	-33	-38
				C.C. U4	0	-5	-10	-15	-20	-25	-30	-35	-40
				C.C. U5	-3	-7	-12	-17	-21	-26	-31	-35	-40
				C.C. U6	-4	-12	-20	-28	-36	-44	-52	-60	-69
				C.C. U7	-3	-7	-12	-16	-21	-25	-29	-34	-38
				C.C. U8	-3	-7	-12	-17	-21	-26	-31	-35	-40
				C.C. U9	-3	-8	-13	-18	-23	-28	-33	-38	-44
				C.C. U10	-4	-13	-21	-30	-38	-46	-55	-63	-72
				C.C. U11	-3	-8	-13	-18	-24	-29	-34	-39	-44
				C.C. U12	-3	-8	-13	-18	-23	-28	-33	-38	-43
				C.C. U13	-2	-7	-12	-17	-22	-28	-33	-38	-43
				C.C. U14	-4	-12	-20	-29	-37	-46	-54	-63	-71
				C.C. U15	-2	-7	-12	-17	-22	-27	-33	-38	-43
				C.C. U16	-2	-7	-12	-17	-22	-27	-32	-38	-43
				C.C. U17	4	9	14	20	25	30	35	40	46
				C.C. U18	6	14	23	31	40	48	57	65	74
				C.C. U19	6	11	16	21	27	32	37	42	48
				C.C. U20	4	9	15	20	25	30	35	40	46
				C.C. U21	2	7	12	18	23	29	34	40	45
				C.C. U22	3	12	21	29	38	47	56	65	74
				C.C. U23	1	7	13	18	24	30	36	41	47
				C.C. U24	2	7	13	18	23	29	34	40	45
				C.C. U25	1	6	11	16	21	27	32	37	42
				C.C. U26	3	11	20	28	36	45	53	62	70
				C.C. U27	1	6	11	16	21	26	31	36	42
				C.C. U28	1	7	12	17	22	27	32	37	42
				C.C. U29	2	7	12	17	22	27	32	37	43
				C.C. U30	4	12	20	29	37	46	54	63	71
				C.C. U31	2	7	12	17	22	27	32	38	43
				C.C. U32	2	7	12	17	22	27	33	38	43
				C.C. U33	-2	-7	-12	-17	-22	-28	-33	-38	-43
				C.C. U34	-4	-12	-20	-29	-37	-46	-54	-63	-71
				C.C. U35	-2	-7	-12	-17	-22	-27	-33	-38	-43
				C.C. U36	2	7	12	17	22	27	32	37	43
				C.C. U37	3	12	20	29	37	46	54	63	71
				C.C. U38	2	7	12	17	22	27	32	38	43
<b>6</b>	<b>fondazione</b>	<b>1, 3</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-211	-217	-222	-227	-232	-238	-243	-248	-253
				C.C.2	212	217	222	227	233	238	243	248	254
				C.C.3	-353	-361	-370	-379	-387	-396	-405	-414	-423
				C.C.4	353	361	370	379	387	396	405	414	423



				C.C. U1	-211	-216	-221	-226	-232	-237	-242	-247	-253
				C.C. U2	-352	-361	-369	-378	-387	-395	-404	-413	-422
				C.C. U3	-211	-216	-221	-226	-231	-236	-242	-247	-252
				C.C. U4	-211	-216	-221	-226	-232	-237	-242	-248	-253
				C.C. U5	-215	-220	-224	-229	-234	-239	-244	-249	-254
				C.C. U6	-356	-364	-372	-381	-389	-398	-406	-414	-423
				C.C. U7	-217	-222	-226	-231	-235	-240	-245	-249	-254
				C.C. U8	-215	-220	-225	-229	-234	-239	-244	-249	-254
				C.C. U9	-211	-217	-222	-227	-232	-238	-243	-248	-253
				C.C. U10	-352	-361	-370	-379	-387	-396	-405	-414	-422
				C.C. U11	-211	-217	-222	-227	-232	-238	-243	-248	-253
				C.C. U12	-211	-217	-222	-227	-232	-238	-243	-248	-254
				C.C. U13	-212	-217	-222	-227	-233	-238	-243	-248	-254
				C.C. U14	-353	-361	-370	-379	-388	-396	-405	-414	-423
				C.C. U15	-212	-217	-222	-227	-233	-238	-243	-249	-254
				C.C. U16	-212	-217	-222	-227	-233	-238	-243	-249	-254
				C.C. U17	212	217	223	228	233	239	244	249	254
				C.C. U18	353	362	371	379	388	397	406	415	423
				C.C. U19	212	218	223	228	234	239	244	250	255
				C.C. U20	212	217	223	228	233	238	244	249	254
				C.C. U21	208	214	219	225	231	236	242	248	254
				C.C. U22	349	358	367	376	386	395	404	413	423
				C.C. U23	206	212	218	224	230	235	241	247	253
				C.C. U24	208	214	219	225	231	236	242	248	253
				C.C. U25	212	217	222	227	233	238	243	248	254
				C.C. U26	353	361	370	379	388	396	405	414	423
				C.C. U27	212	217	222	227	233	238	243	248	254
				C.C. U28	212	217	222	227	232	238	243	248	254
				C.C. U29	211	217	222	227	232	238	243	248	253
				C.C. U30	352	361	370	378	387	396	405	414	422
				C.C. U31	211	216	222	227	232	237	243	248	253
				C.C. U32	211	217	222	227	232	238	243	248	253
				C.C. U33	-211	-217	-222	-227	-232	-238	-243	-248	-253
				C.C. U34	-352	-361	-370	-379	-387	-396	-405	-414	-423
				C.C. U35	-212	-217	-222	-227	-232	-238	-243	-248	-254
				C.C. U36	212	217	222	227	233	238	243	248	254
				C.C. U37	353	361	370	379	387	396	405	414	423
				C.C. U38	212	217	222	227	232	238	243	248	254
<b>7</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	-6	-1	4	9	14	19	24	29	34
				C.C.2	8	3	-2	-7	-12	-18	-23	-28	-33
				C.C.3	-11	-3	6	14	23	31	39	48	57
				C.C.4	12	4	-5	-13	-21	-30	-38	-47	-55
				C.C. U1	-3	2	7	12	17	23	28	33	38
				C.C. U2	-8	1	9	18	26	35	43	52	61
				C.C. U3	-1	4	9	15	20	25	30	36	41
				C.C. U4	-3	2	7	12	17	22	28	33	38
				C.C. U5	-6	-1	4	9	14	19	23	28	33
				C.C. U6	-10	-2	6	14	22	31	39	47	56
				C.C. U7	-5	-1	4	9	14	18	23	28	33
				C.C. U8	-6	-1	4	9	14	18	23	28	33
				C.C. U9	-6	-1	4	9	14	20	25	30	35
				C.C. U10	-10	-2	6	15	23	32	40	49	57
				C.C. U11	-5	0	5	10	15	20	25	30	35
				C.C. U12	-6	-1	4	9	14	19	24	30	35
				C.C. U13	-6	-1	4	9	14	19	24	29	34
				C.C. U14	-11	-3	6	14	23	31	40	48	57
				C.C. U15	-6	-1	4	9	14	19	24	29	34
				C.C. U16	-6	-1	4	9	14	19	24	29	34
				C.C. U17	11	6	1	-4	-9	-14	-19	-24	-29
				C.C. U18	15	7	-1	-9	-18	-26	-35	-43	-51
				C.C. U19	13	8	3	-2	-7	-12	-16	-21	-26
				C.C. U20	11	6	1	-4	-9	-14	-19	-24	-29
				C.C. U21	8	3	-2	-7	-13	-18	-23	-29	-34
				C.C. U22	13	4	-4	-13	-22	-30	-39	-48	-56
				C.C. U23	9	3	-2	-7	-13	-18	-24	-29	-35
				C.C. U24	8	3	-2	-8	-13	-18	-23	-29	-34
				C.C. U25	8	3	-2	-7	-12	-17	-22	-27	-32
				C.C. U26	13	4	-4	-12	-21	-29	-38	-46	-55
				C.C. U27	9	4	-1	-7	-12	-17	-22	-27	-32
				C.C. U28	8	3	-2	-7	-12	-17	-22	-27	-32
				C.C. U29	8	3	-2	-7	-12	-18	-23	-28	-33

				C.C. U30	12	4	-4	-13	-21	-30	-38	-47	-55
				C.C. U31	8	3	-2	-7	-12	-18	-23	-28	-33
				C.C. U32	8	3	-3	-8	-13	-18	-23	-28	-33
				C.C. U33	-6	-1	4	9	14	19	24	29	34
				C.C. U34	-11	-3	6	14	23	31	40	48	57
				C.C. U35	-6	-1	4	9	14	19	24	29	34
				C.C. U36	8	3	-2	-7	-13	-18	-23	-28	-33
				C.C. U37	12	4	-5	-13	-21	-30	-38	-47	-55
				C.C. U38	8	2	-3	-8	-13	-18	-23	-28	-33
<b>8</b>	<b>fondazione</b>	<b>2, 4</b>	<b>60.00</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=15)</b>	<b>(X=23)</b>	<b>(X=30)</b>	<b>(X=38)</b>	<b>(X=45)</b>	<b>(X=53)</b>	<b>(X=L)</b>
				C.C.1	220	225	230	235	240	246	251	256	262
				C.C.2	-220	-225	-230	-235	-241	-246	-251	-257	-262
				C.C.3	366	375	383	392	401	410	419	427	436
				C.C.4	-366	-375	-383	-392	-401	-410	-419	-427	-436
				C.C. U1	219	225	230	235	241	246	251	256	262
				C.C. U2	366	375	383	392	401	410	419	427	436
				C.C. U3	219	225	230	235	241	246	251	257	262
				C.C. U4	219	225	230	235	241	246	251	257	262
				C.C. U5	220	225	230	235	240	245	251	256	261
				C.C. U6	367	375	384	392	401	409	418	427	435
				C.C. U7	221	226	230	235	240	245	250	255	260
				C.C. U8	220	225	230	235	240	246	251	256	261
				C.C. U9	220	225	230	235	241	246	251	256	262
				C.C. U10	366	375	383	392	401	410	419	427	436
				C.C. U11	220	225	230	235	241	246	251	256	262
				C.C. U12	220	225	230	235	241	246	251	256	262
				C.C. U13	220	225	230	235	241	246	251	256	262
				C.C. U14	366	375	384	392	401	410	419	427	436
				C.C. U15	220	225	230	235	241	246	251	257	262
				C.C. U16	220	225	230	235	241	246	251	257	262
				C.C. U17	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U18	-366	-375	-384	-392	-401	-410	-419	-427	-436
				C.C. U19	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U20	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U21	-219	-224	-230	-235	-241	-246	-252	-257	-263
				C.C. U22	-365	-374	-383	-392	-401	-410	-419	-428	-437
				C.C. U23	-219	-224	-230	-235	-241	-246	-252	-258	-263
				C.C. U24	-219	-224	-230	-235	-241	-246	-252	-257	-263
				C.C. U25	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U26	-366	-375	-383	-392	-401	-410	-419	-427	-436
				C.C. U27	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U28	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U29	-220	-225	-230	-235	-240	-246	-251	-256	-262
				C.C. U30	-366	-375	-383	-392	-401	-410	-418	-427	-436
				C.C. U31	-219	-225	-230	-235	-240	-246	-251	-256	-261
				C.C. U32	-220	-225	-230	-235	-240	-246	-251	-256	-262
				C.C. U33	220	225	230	235	240	246	251	256	262
				C.C. U34	366	375	383	392	401	410	419	427	436
				C.C. U35	220	225	230	235	241	246	251	256	262
				C.C. U36	-220	-225	-230	-235	-241	-246	-251	-256	-262
				C.C. U37	-366	-375	-383	-392	-401	-410	-419	-427	-436
				C.C. U38	-220	-225	-230	-235	-241	-246	-251	-256	-262
<b>9</b>	<b>fondazione</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	479	474	469	464	459	454	449	444	439
				C.C.2	-483	-478	-473	-468	-463	-458	-453	-448	-443
				C.C.3	801	792	783	775	766	758	750	742	734
				C.C.4	-803	-795	-786	-777	-769	-761	-753	-745	-737
				C.C. U1	487	482	477	471	466	461	456	452	447
				C.C. U2	808	799	791	782	774	765	757	749	741
				C.C. U3	493	487	482	477	472	467	462	457	452
				C.C. U4	487	482	477	472	467	462	457	452	447
				C.C. U5	479	474	468	463	459	454	449	445	440
				C.C. U6	800	791	782	774	766	758	750	742	735
				C.C. U7	479	473	468	463	459	454	450	445	441
				C.C. U8	479	474	469	464	459	454	450	445	441
				C.C. U9	480	475	470	464	459	454	450	445	440
				C.C. U10	801	792	784	775	767	758	750	742	734
				C.C. U11	481	475	470	465	460	455	450	445	441
				C.C. U12	480	475	470	465	460	455	450	445	440
				C.C. U13	480	475	469	464	459	454	450	445	440
				C.C. U14	801	792	783	775	767	758	750	742	734
				C.C. U15	480	475	470	465	460	455	450	445	440

				C.C. U16	480	475	470	465	460	455	450	445	440
				C.C. U17	-475	-470	-465	-460	-455	-450	-445	-441	-436
				C.C. U18	-796	-787	-779	-770	-762	-754	-746	-738	-730
				C.C. U19	-470	-465	-460	-455	-450	-445	-440	-436	-431
				C.C. U20	-475	-470	-465	-460	-455	-450	-445	-440	-436
				C.C. U21	-484	-478	-473	-468	-463	-458	-452	-447	-442
				C.C. U22	-804	-795	-787	-778	-770	-761	-753	-745	-736
				C.C. U23	-484	-479	-473	-468	-463	-457	-452	-447	-441
				C.C. U24	-483	-478	-473	-468	-462	-457	-452	-447	-442
				C.C. U25	-482	-477	-472	-467	-462	-457	-452	-447	-443
				C.C. U26	-803	-794	-786	-777	-769	-761	-753	-745	-737
				C.C. U27	-482	-477	-471	-466	-461	-456	-452	-447	-442
				C.C. U28	-482	-477	-472	-467	-462	-457	-452	-447	-442
				C.C. U29	-483	-477	-472	-467	-462	-457	-452	-447	-443
				C.C. U30	-803	-794	-786	-777	-769	-761	-753	-745	-737
				C.C. U31	-482	-477	-472	-466	-461	-457	-452	-447	-442
				C.C. U32	-482	-477	-472	-467	-462	-457	-452	-447	-442
				C.C. U33	479	474	469	464	459	454	449	444	439
				C.C. U34	800	792	783	774	766	758	750	742	734
				C.C. U35	480	474	469	464	459	454	449	445	440
				C.C. U36	-483	-478	-473	-467	-462	-458	-453	-448	-443
				C.C. U37	-804	-795	-786	-778	-769	-761	-753	-745	-737
				C.C. U38	-483	-478	-472	-467	-462	-457	-452	-448	-443
<b>10</b>	<b>fondazione</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-484	-478	-473	-468	-463	-458	-453	-449	-444
				C.C.2	490	485	480	474	469	464	460	455	450
				C.C.3	-809	-800	-792	-783	-775	-766	-758	-750	-742
				C.C.4	814	805	796	788	779	771	763	755	747
				C.C. U1	-475	-470	-465	-459	-455	-450	-445	-440	-436
				C.C. U2	-800	-791	-782	-774	-766	-757	-749	-742	-734
				C.C. U3	-469	-464	-459	-454	-449	-444	-440	-435	-430
				C.C. U4	-475	-470	-465	-460	-455	-450	-445	-441	-436
				C.C. U5	-484	-479	-474	-469	-464	-459	-455	-450	-446
				C.C. U6	-809	-800	-792	-783	-775	-767	-759	-751	-744
				C.C. U7	-484	-479	-474	-470	-465	-460	-456	-451	-447
				C.C. U8	-484	-479	-474	-469	-464	-460	-455	-450	-446
				C.C. U9	-484	-479	-474	-469	-464	-459	-454	-449	-444
				C.C. U10	-809	-800	-792	-783	-775	-767	-759	-751	-743
				C.C. U11	-485	-480	-475	-470	-465	-460	-455	-450	-445
				C.C. U12	-485	-479	-474	-469	-464	-459	-454	-450	-445
				C.C. U13	-484	-479	-474	-469	-464	-459	-454	-449	-444
				C.C. U14	-809	-800	-791	-783	-775	-766	-758	-750	-742
				C.C. U15	-485	-479	-474	-469	-464	-459	-454	-449	-445
				C.C. U16	-484	-479	-474	-469	-464	-459	-454	-449	-444
				C.C. U17	499	493	488	483	478	473	468	463	458
				C.C. U18	823	814	806	797	789	780	772	764	756
				C.C. U19	504	499	494	489	483	478	473	468	463
				C.C. U20	499	493	488	483	478	473	468	463	458
				C.C. U21	490	484	479	474	468	463	458	453	448
				C.C. U22	814	805	796	787	779	771	762	754	746
				C.C. U23	489	484	478	473	467	462	457	452	447
				C.C. U24	489	484	479	473	468	463	458	453	448
				C.C. U25	489	484	479	474	469	464	459	454	449
				C.C. U26	814	805	796	788	779	771	763	755	747
				C.C. U27	489	483	478	473	468	463	458	453	449
				C.C. U28	489	484	478	473	468	463	459	454	449
				C.C. U29	490	484	479	474	469	464	459	454	450
				C.C. U30	814	805	796	788	780	771	763	755	747
				C.C. U31	489	484	479	473	468	464	459	454	449
				C.C. U32	489	484	479	474	469	464	459	454	449
				C.C. U33	-484	-478	-473	-468	-463	-458	-453	-449	-444
				C.C. U34	-808	-800	-791	-783	-774	-766	-758	-750	-742
				C.C. U35	-484	-479	-474	-468	-463	-458	-454	-449	-444
				C.C. U36	490	485	479	474	469	464	460	455	450
				C.C. U37	814	805	797	788	780	772	764	756	748
				C.C. U38	490	484	479	474	469	464	459	454	450
<b>11</b>	<b>fondazione</b>	<b>5, 6</b>	<b>80.76</b>		<b>(X=0)</b>	<b>(X=10)</b>	<b>(X=20)</b>	<b>(X=30)</b>	<b>(X=40)</b>	<b>(X=50)</b>	<b>(X=61)</b>	<b>(X=71)</b>	<b>(X=L)</b>
				C.C.1	110	106	102	97	93	89	85	80	76
				C.C.2	-118	-113	-109	-105	-100	-96	-92	-88	-83
				C.C.3	187	180	173	166	159	152	145	137	130
				C.C.4	-192	-185	-178	-171	-164	-157	-150	-142	-135
				C.C. U1	115	111	106	102	98	93	89	84	80

				C.C. U2	191	184	177	170	163	155	148	141	133
				C.C. U3	118	114	110	105	101	96	92	87	83
				C.C. U4	115	111	107	102	98	94	89	85	80
				C.C. U5	109	105	101	97	92	88	84	79	75
				C.C. U6	185	178	171	164	157	150	143	136	128
				C.C. U7	109	105	100	96	92	88	83	79	75
				C.C. U8	110	105	101	97	93	88	84	80	76
				C.C. U9	109	106	103	100	96	93	90	87	83
				C.C. U10	186	180	174	167	161	155	149	143	137
				C.C. U11	109	107	104	101	99	96	94	91	88
				C.C. U12	110	107	103	100	97	94	90	87	84
				C.C. U13	108	104	101	97	93	89	85	81	78
				C.C. U14	184	178	171	164	158	151	144	138	131
				C.C. U15	107	104	100	97	93	89	86	82	79
				C.C. U16	109	105	101	97	93	90	86	82	78
				C.C. U17	-113	-108	-104	-100	-96	-92	-88	-83	-79
				C.C. U18	-188	-181	-174	-167	-160	-153	-146	-139	-132
				C.C. U19	-109	-105	-101	-97	-93	-89	-85	-81	-76
				C.C. U20	-112	-108	-104	-100	-95	-91	-87	-83	-79
				C.C. U21	-118	-114	-110	-106	-101	-97	-93	-88	-84
				C.C. U22	-194	-187	-180	-173	-166	-158	-151	-144	-137
				C.C. U23	-119	-114	-110	-106	-102	-97	-93	-89	-85
				C.C. U24	-118	-114	-109	-105	-101	-97	-92	-88	-84
				C.C. U25	-118	-113	-108	-102	-97	-92	-87	-81	-76
				C.C. U26	-194	-186	-178	-169	-161	-153	-145	-137	-129
				C.C. U27	-118	-112	-107	-101	-95	-89	-83	-77	-71
				C.C. U28	-118	-112	-107	-102	-97	-91	-86	-81	-75
				C.C. U29	-119	-115	-110	-105	-101	-96	-91	-86	-82
				C.C. U30	-195	-187	-180	-172	-165	-157	-150	-142	-134
				C.C. U31	-120	-116	-111	-106	-101	-96	-91	-86	-81
				C.C. U32	-119	-114	-110	-105	-100	-96	-91	-86	-81
				C.C. U33	110	106	102	98	93	89	85	81	76
				C.C. U34	186	179	172	165	158	151	144	137	130
				C.C. U35	111	106	102	98	94	90	85	81	77
				C.C. U36	-117	-113	-109	-105	-100	-96	-92	-87	-83
				C.C. U37	-193	-186	-179	-172	-165	-157	-150	-143	-136
				C.C. U38	-117	-113	-108	-104	-100	-96	-91	-87	-83
<b>12</b>	<b>fondazione</b>	<b>5, 6</b>	<b>91.16</b>		<b>(X=0)</b>	<b>(X=11)</b>	<b>(X=23)</b>	<b>(X=34)</b>	<b>(X=46)</b>	<b>(X=57)</b>	<b>(X=68)</b>	<b>(X=80)</b>	<b>(X=L)</b>
				C.C.1	21	16	11	6	1	-4	-9	-14	-19
				C.C.2	-21	-16	-11	-6	-1	4	9	14	19
				C.C.3	35	27	19	10	2	-7	-15	-24	-32
				C.C.4	-35	-27	-19	-10	-2	7	15	24	32
				C.C. U1	21	16	11	5	0	-5	-11	-16	-21
				C.C. U2	35	27	18	10	1	-8	-17	-26	-34
				C.C. U3	21	16	11	5	-1	-6	-12	-17	-23
				C.C. U4	21	16	11	5	0	-5	-11	-16	-21
				C.C. U5	21	16	11	6	1	-4	-9	-14	-19
				C.C. U6	35	27	19	10	2	-7	-15	-24	-32
				C.C. U7	21	16	11	6	1	-4	-9	-14	-19
				C.C. U8	21	16	11	6	1	-4	-9	-14	-19
				C.C. U9	17	13	9	5	1	-3	-7	-11	-15
				C.C. U10	31	24	16	9	2	-6	-13	-20	-27
				C.C. U11	14	11	7	4	1	-2	-5	-9	-12
				C.C. U12	17	13	9	5	1	-3	-7	-11	-15
				C.C. U13	19	15	10	6	1	-4	-8	-13	-17
				C.C. U14	33	25	18	10	2	-6	-14	-22	-30
				C.C. U15	18	14	9	5	1	-3	-8	-12	-16
				C.C. U16	19	15	10	6	1	-4	-8	-13	-17
				C.C. U17	-21	-16	-12	-7	-2	3	8	12	17
				C.C. U18	-35	-27	-19	-11	-3	6	14	22	30
				C.C. U19	-21	-16	-12	-7	-3	2	7	11	15
				C.C. U20	-21	-16	-12	-7	-2	3	8	12	17
				C.C. U21	-21	-16	-11	-6	-1	4	9	14	19
				C.C. U22	-35	-27	-19	-10	-2	7	15	24	32
				C.C. U23	-21	-16	-11	-6	-1	4	9	15	20
				C.C. U24	-21	-16	-11	-6	-1	4	9	14	19
				C.C. U25	-26	-20	-14	-7	-1	5	11	18	24
				C.C. U26	-40	-31	-21	-11	-2	8	17	27	36
				C.C. U27	-29	-22	-15	-8	-1	6	13	20	27
				C.C. U28	-26	-20	-14	-7	-1	5	11	18	24
				C.C. U29	-23	-18	-12	-7	-1	4	10	16	21
				C.C. U30	-37	-29	-20	-11	-2	7	16	25	34

				C.C. U31	-25	-19	-13	-7	-1	5	11	17	22
				C.C. U32	-23	-18	-12	-7	-1	4	10	16	21
				C.C. U33	21	16	11	6	1	-4	-9	-14	-19
				C.C. U34	35	27	19	10	2	-7	-15	-24	-32
				C.C. U35	21	16	11	6	1	-4	-9	-14	-19
				C.C. U36	-21	-16	-11	-6	-1	4	9	14	19
				C.C. U37	-36	-27	-19	-10	-2	7	15	24	32
				C.C. U38	-21	-16	-11	-6	-1	4	9	14	19
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-73	-78	-82	-86	-90	-95	-99	-103	-107
				C.C.2	82	87	91	95	100	104	108	112	117
				C.C.3	-126	-134	-141	-148	-155	-162	-169	-176	-183
				C.C.4	133	140	147	154	162	169	176	183	190
				C.C. U1	-69	-73	-78	-82	-87	-92	-96	-101	-106
				C.C. U2	-121	-128	-136	-143	-151	-158	-166	-173	-181
				C.C. U3	-66	-71	-75	-80	-85	-90	-95	-100	-105
				C.C. U4	-69	-74	-78	-83	-88	-92	-97	-102	-106
				C.C. U5	-74	-78	-82	-87	-91	-95	-99	-103	-108
				C.C. U6	-126	-133	-140	-147	-155	-162	-169	-176	-183
				C.C. U7	-74	-79	-83	-87	-91	-96	-100	-104	-108
				C.C. U8	-74	-79	-83	-87	-91	-96	-100	-104	-108
				C.C. U9	-81	-84	-87	-90	-94	-97	-100	-103	-107
				C.C. U10	-133	-139	-145	-151	-157	-163	-170	-176	-182
				C.C. U11	-86	-88	-91	-94	-96	-99	-101	-104	-107
				C.C. U12	-81	-84	-88	-91	-94	-97	-101	-104	-107
				C.C. U13	-75	-79	-82	-86	-90	-94	-98	-101	-105
				C.C. U14	-127	-134	-140	-147	-154	-160	-167	-174	-180
				C.C. U15	-76	-80	-83	-87	-90	-94	-97	-101	-104
				C.C. U16	-75	-79	-83	-87	-91	-94	-98	-102	-106
				C.C. U17	87	91	95	99	103	107	111	114	118
				C.C. U18	139	145	152	159	166	172	179	186	192
				C.C. U19	90	94	97	101	105	108	112	115	119
				C.C. U20	87	91	95	98	102	106	110	114	118
				C.C. U21	82	86	90	95	99	103	108	112	116
				C.C. U22	133	141	148	155	162	169	176	183	190
				C.C. U23	81	86	90	94	98	103	107	111	116
				C.C. U24	81	86	90	94	99	103	107	111	116
				C.C. U25	75	80	86	91	96	101	107	112	117
				C.C. U26	126	135	143	151	159	167	175	183	191
				C.C. U27	70	76	82	88	94	100	106	111	117
				C.C. U28	74	80	85	90	96	101	106	111	117
				C.C. U29	81	86	90	95	100	105	109	114	119
				C.C. U30	132	140	148	155	163	170	178	185	193
				C.C. U31	80	85	90	95	100	105	110	115	120
				C.C. U32	80	85	90	95	99	104	109	113	118
				C.C. U33	-73	-78	-82	-86	-91	-95	-99	-103	-107
				C.C. U34	-126	-133	-140	-147	-154	-161	-168	-175	-182
				C.C. U35	-74	-78	-83	-87	-91	-95	-99	-104	-108
				C.C. U36	82	86	91	95	99	104	108	112	116
				C.C. U37	134	141	148	155	162	169	177	184	191
				C.C. U38	82	86	90	95	99	103	107	112	116
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U7	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U10	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U11	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U12	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U13	23	17	11	5	-1	-7	-12	-18	-24
				C.C. U14	23	17	11	5	-1	-7	-12	-18	-24
				C.C. U15	38	28	19	9	-1	-10	-20	-30	-40

				C.C. U16	23	17	11	5	-1	-7	-12	-18	-24
				C.C. U17	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U18	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U19	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U20	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U21	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U22	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U23	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U24	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U25	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U26	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U27	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U28	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U29	23	17	11	5	-1	-7	-12	-18	-24
				C.C. U30	23	17	11	5	-1	-7	-12	-18	-24
				C.C. U31	38	28	19	9	-1	-10	-20	-30	-40
				C.C. U32	23	17	11	5	-1	-7	-12	-18	-24
				C.C. U33	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U34	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U35	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U36	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U37	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U38	-1	-1	-1	-1	-1	-1	-1	-1	-1
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	13	13	13	13	13	13	13	13	13
				C.C.2	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C.3	19	19	19	19	19	19	19	19	19
				C.C.4	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U1	13	13	13	13	13	13	13	13	13
				C.C. U2	19	19	19	19	19	19	19	19	19
				C.C. U3	12	12	12	12	12	12	12	12	12
				C.C. U4	14	14	14	14	14	14	14	14	14
				C.C. U5	6	7	9	10	11	12	14	15	16
				C.C. U6	13	14	15	16	17	19	20	21	22
				C.C. U7	1	3	5	7	9	11	13	16	18
				C.C. U8	7	8	10	11	12	13	14	16	17
				C.C. U9	13	13	13	13	13	13	13	13	13
				C.C. U10	19	19	19	19	19	19	19	19	19
				C.C. U11	12	12	12	12	12	12	12	12	12
				C.C. U12	14	14	14	14	14	14	14	14	14
				C.C. U13	15	15	15	15	15	15	15	15	15
				C.C. U14	21	21	21	21	21	21	21	21	21
				C.C. U15	15	15	15	15	15	15	15	15	15
				C.C. U16	15	15	15	15	15	15	15	15	15
				C.C. U17	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U18	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U19	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U20	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U21	-13	-12	-10	-9	-8	-7	-5	-4	-3
				C.C. U22	-19	-18	-17	-15	-14	-13	-12	-10	-9
				C.C. U23	-18	-16	-14	-12	-10	-8	-6	-3	-1
				C.C. U24	-12	-11	-9	-8	-7	-6	-5	-3	-2
				C.C. U25	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U26	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U27	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U28	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U29	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U30	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U31	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U32	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U33	14	14	14	14	14	14	14	14	14
				C.C. U34	20	20	20	20	20	20	20	20	20
				C.C. U35	15	15	15	15	15	15	15	15	15
				C.C. U36	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C. U37	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U38	-4	-4	-4	-4	-4	-4	-4	-4	-4
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0

				C.C. U1	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U2	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U3	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U4	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U7	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C. U10	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C. U11	-146	-146	-146	-146	-146	-146	-146	-146	-146
				C.C. U12	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C. U13	45	45	45	45	45	45	45	45	45
				C.C. U14	45	45	45	45	45	45	45	45	45
				C.C. U15	75	75	75	75	75	75	75	75	75
				C.C. U16	45	45	45	45	45	45	45	45	45
				C.C. U17	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U18	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U19	-49	-49	-49	-49	-49	-49	-49	-49	-49
				C.C. U20	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U21	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U22	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U23	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U24	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U25	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C. U26	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C. U27	-146	-146	-146	-146	-146	-146	-146	-146	-146
				C.C. U28	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C. U29	45	45	45	45	45	45	45	45	45
				C.C. U30	45	45	45	45	45	45	45	45	45
				C.C. U31	75	75	75	75	75	75	75	75	75
				C.C. U32	45	45	45	45	45	45	45	45	45
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>17</b>	<b>piano 1</b>	<b>1, 13</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	55	55	55	55	55	55	55	55	55
				C.C. U2	55	55	55	55	55	55	55	55	55
				C.C. U3	92	92	92	92	92	92	92	92	92
				C.C. U4	55	55	55	55	55	55	55	55	55
				C.C. U5	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C. U6	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C. U7	-272	-272	-272	-272	-272	-272	-272	-272	-272
				C.C. U8	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C. U9	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U10	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U11	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C. U12	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U13	22	22	22	22	22	22	22	22	22
				C.C. U14	22	22	22	22	22	22	22	22	22
				C.C. U15	36	36	36	36	36	36	36	36	36
				C.C. U16	22	22	22	22	22	22	22	22	22
				C.C. U17	55	55	55	55	55	55	55	55	55
				C.C. U18	55	55	55	55	55	55	55	55	55
				C.C. U19	92	92	92	92	92	92	92	92	92
				C.C. U20	55	55	55	55	55	55	55	55	55
				C.C. U21	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C. U22	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C. U23	-272	-272	-272	-272	-272	-272	-272	-272	-272
				C.C. U24	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C. U25	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U26	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U27	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C. U28	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U29	22	22	22	22	22	22	22	22	22

				C.C. U30	22	22	22	22	22	22	22	22	22
				C.C. U31	36	36	36	36	36	36	36	36	36
				C.C. U32	22	22	22	22	22	22	22	22	22
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C.2	7	7	7	7	7	7	7	7	7
				C.C.3	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C.4	14	14	14	14	14	14	14	14	14
				C.C. U1	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U2	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U3	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U4	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U6	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U7	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U8	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U9	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U10	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U11	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C. U12	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U13	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U14	-20	-20	-20	-20	-20	-20	-20	-20	-20
				C.C. U15	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U16	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U17	7	7	7	7	7	7	7	7	7
				C.C. U18	13	13	13	13	13	13	13	13	13
				C.C. U19	7	7	7	7	7	7	7	7	7
				C.C. U20	6	6	6	6	6	6	6	6	6
				C.C. U21	0	0	0	0	0	0	0	0	0
				C.C. U22	6	6	6	6	6	6	6	6	6
				C.C. U23	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U24	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U25	7	7	7	7	7	7	7	7	7
				C.C. U26	14	14	14	14	14	14	14	14	14
				C.C. U27	8	8	8	8	8	8	8	8	8
				C.C. U28	7	7	7	7	7	7	7	7	7
				C.C. U29	6	6	6	6	6	6	6	6	6
				C.C. U30	12	12	12	12	12	12	12	12	12
				C.C. U31	5	5	5	5	5	5	5	5	5
				C.C. U32	5	5	5	5	5	5	5	5	5
				C.C. U33	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U34	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C. U35	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U36	7	7	7	7	7	7	7	7	7
				C.C. U37	13	13	13	13	13	13	13	13	13
				C.C. U38	6	6	6	6	6	6	6	6	6
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	44	44	44	44	44	44	44	44	44
				C.C. U2	44	44	44	44	44	44	44	44	44
				C.C. U3	74	74	74	74	74	74	74	74	74
				C.C. U4	44	44	44	44	44	44	44	44	44
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U7	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	87	87	87	87	87	87	87	87	87
				C.C. U10	87	87	87	87	87	87	87	87	87
				C.C. U11	146	146	146	146	146	146	146	146	146
				C.C. U12	87	87	87	87	87	87	87	87	87
				C.C. U13	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U14	-45	-45	-45	-45	-45	-45	-45	-45	-45



				C.C. U15	-76	-76	-76	-76	-76	-76	-76	-76	-76
				C.C. U16	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U17	44	44	44	44	44	44	44	44	44
				C.C. U18	44	44	44	44	44	44	44	44	44
				C.C. U19	74	74	74	74	74	74	74	74	74
				C.C. U20	44	44	44	44	44	44	44	44	44
				C.C. U21	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U22	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U23	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U24	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U25	87	87	87	87	87	87	87	87	87
				C.C. U26	87	87	87	87	87	87	87	87	87
				C.C. U27	146	146	146	146	146	146	146	146	146
				C.C. U28	87	87	87	87	87	87	87	87	87
				C.C. U29	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U30	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U31	-76	-76	-76	-76	-76	-76	-76	-76	-76
				C.C. U32	-45	-45	-45	-45	-45	-45	-45	-45	-45
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>20</b>	<b>piano 1</b>	<b>2, 14</b>	<b>30.00</b>		<b>(X=0)</b>	<b>(X=4)</b>	<b>(X=8)</b>	<b>(X=11)</b>	<b>(X=15)</b>	<b>(X=19)</b>	<b>(X=23)</b>	<b>(X=26)</b>	<b>(X=L)</b>
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	78	78	78	78	78	78	78	78	78
				C.C. U2	78	78	78	78	78	78	78	78	78
				C.C. U3	130	130	130	130	130	130	130	130	130
				C.C. U4	78	78	78	78	78	78	78	78	78
				C.C. U5	-360	-360	-360	-360	-360	-360	-360	-360	-360
				C.C. U6	-360	-360	-360	-360	-360	-360	-360	-360	-360
				C.C. U7	-600	-600	-600	-600	-600	-600	-600	-600	-600
				C.C. U8	-360	-360	-360	-360	-360	-360	-360	-360	-360
				C.C. U9	24	24	24	24	24	24	24	24	24
				C.C. U10	24	24	24	24	24	24	24	24	24
				C.C. U11	39	39	39	39	39	39	39	39	39
				C.C. U12	24	24	24	24	24	24	24	24	24
				C.C. U13	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U14	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U15	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U16	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U17	78	78	78	78	78	78	78	78	78
				C.C. U18	78	78	78	78	78	78	78	78	78
				C.C. U19	130	130	130	130	130	130	130	130	130
				C.C. U20	78	78	78	78	78	78	78	78	78
				C.C. U21	-360	-360	-360	-360	-360	-360	-360	-360	-360
				C.C. U22	-360	-360	-360	-360	-360	-360	-360	-360	-360
				C.C. U23	-600	-600	-600	-600	-600	-600	-600	-600	-600
				C.C. U24	-360	-360	-360	-360	-360	-360	-360	-360	-360
				C.C. U25	24	24	24	24	24	24	24	24	24
				C.C. U26	24	24	24	24	24	24	24	24	24
				C.C. U27	39	39	39	39	39	39	39	39	39
				C.C. U28	24	24	24	24	24	24	24	24	24
				C.C. U29	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U30	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U31	-37	-37	-37	-37	-37	-37	-37	-37	-37
				C.C. U32	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
<b>21</b>	<b>piano 1</b>	<b>3, 5</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	31	31	31	31	31	31	31	31	31
				C.C.2	14	14	14	14	14	14	14	14	14
				C.C.3	30	30	30	30	30	30	30	30	30
				C.C.4	1	1	1	1	1	1	1	1	1

				C.C. U1	31	31	31	31	31	31	31	31	31
				C.C. U2	35	35	35	35	35	35	35	35	35
				C.C. U3	30	30	30	30	30	30	30	30	30
				C.C. U4	27	27	27	27	27	27	27	27	27
				C.C. U5	39	39	39	39	40	40	41	41	42
				C.C. U6	42	42	43	43	43	44	44	45	45
				C.C. U7	43	43	43	44	45	45	46	47	48
				C.C. U8	35	35	35	35	36	36	37	37	38
				C.C. U9	31	31	31	31	31	31	31	31	31
				C.C. U10	35	35	35	35	35	35	35	35	35
				C.C. U11	30	30	30	30	30	30	30	30	30
				C.C. U12	27	27	27	27	27	27	27	27	27
				C.C. U13	27	27	27	27	27	27	27	27	27
				C.C. U14	31	31	31	31	31	31	31	31	31
				C.C. U15	24	24	24	24	24	24	24	24	24
				C.C. U16	23	23	23	23	23	23	23	23	23
				C.C. U17	14	14	14	14	14	14	14	14	14
				C.C. U18	6	6	6	6	6	6	6	6	6
				C.C. U19	13	13	13	13	13	13	13	13	13
				C.C. U20	10	10	10	10	10	10	10	10	10
				C.C. U21	22	22	22	22	23	23	24	24	25
				C.C. U22	14	14	14	15	15	15	16	16	17
				C.C. U23	26	26	26	27	28	28	29	30	31
				C.C. U24	18	18	18	18	19	19	20	20	21
				C.C. U25	14	14	14	14	14	14	14	14	14
				C.C. U26	6	6	6	6	6	6	6	6	6
				C.C. U27	13	13	13	13	13	13	13	13	13
				C.C. U28	10	10	10	10	10	10	10	10	10
				C.C. U29	10	10	10	10	10	10	10	10	10
				C.C. U30	3	3	3	3	3	3	3	3	3
				C.C. U31	7	7	7	7	7	7	7	7	7
				C.C. U32	6	6	6	6	6	6	6	6	6
				C.C. U33	29	29	29	29	29	29	29	29	29
				C.C. U34	33	33	33	33	33	33	33	33	33
				C.C. U35	25	25	25	25	25	25	25	25	25
				C.C. U36	12	12	12	12	12	12	12	12	12
				C.C. U37	5	5	5	5	5	5	5	5	5
				C.C. U38	8	8	8	8	8	8	8	8	8
<b>22</b>	<b>piano 1</b>	<b>4, 6</b>	<b>63.37</b>		<b>(X=0)</b>	<b>(X=8)</b>	<b>(X=16)</b>	<b>(X=24)</b>	<b>(X=32)</b>	<b>(X=40)</b>	<b>(X=48)</b>	<b>(X=55)</b>	<b>(X=L)</b>
				C.C.1	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.2	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C.3	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U1	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U2	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U3	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U4	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U5	5	5	5	5	5	5	5	5	5
				C.C. U6	2	2	2	2	2	2	2	2	2
				C.C. U7	30	30	30	30	30	30	30	30	30
				C.C. U8	9	9	9	9	9	9	9	9	9
				C.C. U9	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C. U10	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U11	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U12	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U13	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C. U14	-30	-30	-30	-30	-30	-30	-30	-30	-30
				C.C. U15	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U16	-23	-23	-23	-23	-23	-23	-23	-23	-23
				C.C. U17	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U18	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U19	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U20	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U21	22	22	22	22	22	22	22	22	22
				C.C. U22	30	30	30	30	30	30	30	30	30
				C.C. U23	47	47	47	47	47	47	47	47	47
				C.C. U24	26	26	26	26	26	26	26	26	26
				C.C. U25	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U26	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U27	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U28	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U29	-10	-10	-10	-10	-10	-10	-10	-10	-10

				C.C. U30	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U31	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U32	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U33	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U34	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U35	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C. U36	-12	-12	-12	-12	-12	-12	-12	-12	-12
				C.C. U37	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U38	-8	-8	-8	-8	-8	-8	-8	-8	-8
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U7	0	0	0	0	0	0	0	0	0
				C.C. U8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U9	-20	-16	-11	-6	-1	4	8	13	18
				C.C. U10	-20	-15	-11	-6	-1	4	8	13	18
				C.C. U11	-33	-25	-17	-9	-1	7	15	23	31
				C.C. U12	-20	-15	-11	-6	-1	4	8	13	18
				C.C. U13	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U14	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U15	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U16	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U17	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U18	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U19	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U20	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U21	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U22	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U23	0	0	0	0	0	0	0	0	0
				C.C. U24	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U25	-20	-16	-11	-6	-1	4	8	13	18
				C.C. U26	-20	-15	-11	-6	-1	4	8	13	18
				C.C. U27	-33	-25	-17	-9	-1	7	15	23	31
				C.C. U28	-20	-15	-11	-6	-1	4	8	13	18
				C.C. U29	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U30	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U31	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U32	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U33	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U34	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U35	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U36	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U37	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U38	-1	-1	-1	-1	-1	-1	-1	-1	-1
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U2	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U3	-72	-72	-72	-72	-72	-72	-72	-72	-72
				C.C. U4	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U5	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U6	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U7	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U8	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U9	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C. U10	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C. U11	-171	-171	-171	-171	-171	-171	-171	-171	-171
				C.C. U12	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C. U13	95	95	95	95	95	95	95	95	95
				C.C. U14	95	95	95	95	95	95	95	95	95

				C.C. U15	159	159	159	159	159	159	159	159	159
				C.C. U16	95	95	95	95	95	95	95	95	95
				C.C. U17	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U18	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U19	-72	-72	-72	-72	-72	-72	-72	-72	-72
				C.C. U20	-43	-43	-43	-43	-43	-43	-43	-43	-43
				C.C. U21	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U22	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U23	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U24	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U25	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C. U26	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C. U27	-171	-171	-171	-171	-171	-171	-171	-171	-171
				C.C. U28	-103	-103	-103	-103	-103	-103	-103	-103	-103
				C.C. U29	95	95	95	95	95	95	95	95	95
				C.C. U30	95	95	95	95	95	95	95	95	95
				C.C. U31	159	159	159	159	159	159	159	159	159
				C.C. U32	95	95	95	95	95	95	95	95	95
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	68	68	68	68	68	68	68	68	68
				C.C. U2	68	68	68	68	68	68	68	68	68
				C.C. U3	113	113	113	113	113	113	113	113	113
				C.C. U4	68	68	68	68	68	68	68	68	68
				C.C. U5	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U6	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U7	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U8	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U9	103	103	103	103	103	103	103	103	103
				C.C. U10	103	103	103	103	103	103	103	103	103
				C.C. U11	171	171	171	171	171	171	171	171	171
				C.C. U12	103	103	103	103	103	103	103	103	103
				C.C. U13	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C. U14	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C. U15	-159	-159	-159	-159	-159	-159	-159	-159	-159
				C.C. U16	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C. U17	68	68	68	68	68	68	68	68	68
				C.C. U18	68	68	68	68	68	68	68	68	68
				C.C. U19	113	113	113	113	113	113	113	113	113
				C.C. U20	68	68	68	68	68	68	68	68	68
				C.C. U21	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U22	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U23	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C. U24	-13	-13	-13	-13	-13	-13	-13	-13	-13
				C.C. U25	103	103	103	103	103	103	103	103	103
				C.C. U26	103	103	103	103	103	103	103	103	103
				C.C. U27	171	171	171	171	171	171	171	171	171
				C.C. U28	103	103	103	103	103	103	103	103	103
				C.C. U29	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C. U30	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C. U31	-159	-159	-159	-159	-159	-159	-159	-159	-159
				C.C. U32	-95	-95	-95	-95	-95	-95	-95	-95	-95
				C.C. U33	0	0	0	0	0	0	0	0	0
				C.C. U34	0	0	0	0	0	0	0	0	0
				C.C. U35	0	0	0	0	0	0	0	0	0
				C.C. U36	0	0	0	0	0	0	0	0	0
				C.C. U37	0	0	0	0	0	0	0	0	0
				C.C. U38	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.00		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	41	41	41	41	41	-	-	-	-
				C.C.2	33	33	33	33	33	-	-	-	-
				C.C.3	37	37	37	37	37	-	-	-	-

				C.C.4	24	24	24	24	24	-	-	-	-
				C.C. U1	40	40	40	40	40	-	-	-	-
				C.C. U2	40	40	40	40	40	-	-	-	-
				C.C. U3	34	34	34	34	34	-	-	-	-
				C.C. U4	41	41	41	41	41	-	-	-	-
				C.C. U5	38	46	55	65	77	-	-	-	-
				C.C. U6	39	47	56	66	77	-	-	-	-
				C.C. U7	33	46	61	78	96	-	-	-	-
				C.C. U8	40	48	57	67	78	-	-	-	-
				C.C. U9	45	45	45	45	45	-	-	-	-
				C.C. U10	45	45	45	45	45	-	-	-	-
				C.C. U11	43	43	43	43	43	-	-	-	-
				C.C. U12	46	46	46	46	46	-	-	-	-
				C.C. U13	43	43	43	43	43	-	-	-	-
				C.C. U14	44	44	44	44	44	-	-	-	-
				C.C. U15	41	41	41	41	41	-	-	-	-
				C.C. U16	45	45	45	45	45	-	-	-	-
				C.C. U17	32	32	32	32	32	-	-	-	-
				C.C. U18	27	27	27	27	27	-	-	-	-
				C.C. U19	27	27	27	27	27	-	-	-	-
				C.C. U20	33	33	33	33	33	-	-	-	-
				C.C. U21	31	39	48	58	69	-	-	-	-
				C.C. U22	26	34	43	53	64	-	-	-	-
				C.C. U23	25	38	53	70	89	-	-	-	-
				C.C. U24	32	40	49	59	70	-	-	-	-
				C.C. U25	37	37	37	37	37	-	-	-	-
				C.C. U26	33	33	33	33	33	-	-	-	-
				C.C. U27	35	35	35	35	35	-	-	-	-
				C.C. U28	38	38	38	38	38	-	-	-	-
				C.C. U29	36	36	36	36	36	-	-	-	-
				C.C. U30	31	31	31	31	31	-	-	-	-
				C.C. U31	33	33	33	33	33	-	-	-	-
				C.C. U32	37	37	37	37	37	-	-	-	-
				C.C. U33	44	44	44	44	44	-	-	-	-
				C.C. U34	45	45	45	45	45	-	-	-	-
				C.C. U35	45	45	45	45	45	-	-	-	-
				C.C. U36	36	36	36	36	36	-	-	-	-
				C.C. U37	32	32	32	32	32	-	-	-	-
				C.C. U38	38	38	38	38	38	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-42	-42	-42	-42	-42	-	-	-	-
				C.C.2	-35	-35	-35	-35	-35	-	-	-	-
				C.C.3	-38	-38	-38	-38	-38	-	-	-	-
				C.C.4	-25	-25	-25	-25	-25	-	-	-	-
				C.C. U1	-51	-51	-51	-51	-51	-	-	-	-
				C.C. U2	-51	-51	-51	-51	-51	-	-	-	-
				C.C. U3	-52	-52	-52	-52	-52	-	-	-	-
				C.C. U4	-52	-52	-52	-52	-52	-	-	-	-
				C.C. U5	-34	-34	-34	-34	-34	-	-	-	-
				C.C. U6	-35	-35	-35	-35	-35	-	-	-	-
				C.C. U7	-24	-24	-24	-24	-24	-	-	-	-
				C.C. U8	-35	-35	-35	-35	-35	-	-	-	-
				C.C. U9	-46	-46	-46	-46	-46	-	-	-	-
				C.C. U10	-47	-47	-47	-47	-47	-	-	-	-
				C.C. U11	-44	-44	-44	-44	-44	-	-	-	-
				C.C. U12	-47	-47	-47	-47	-47	-	-	-	-
				C.C. U13	-45	-45	-45	-45	-45	-	-	-	-
				C.C. U14	-45	-45	-45	-45	-45	-	-	-	-
				C.C. U15	-42	-42	-42	-42	-42	-	-	-	-
				C.C. U16	-46	-46	-46	-46	-46	-	-	-	-
				C.C. U17	-43	-43	-43	-43	-43	-	-	-	-
				C.C. U18	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U19	-44	-44	-44	-44	-44	-	-	-	-
				C.C. U20	-44	-44	-44	-44	-44	-	-	-	-
				C.C. U21	-26	-26	-26	-26	-26	-	-	-	-
				C.C. U22	-22	-22	-22	-22	-22	-	-	-	-
				C.C. U23	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U24	-27	-27	-27	-27	-27	-	-	-	-
				C.C. U25	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U26	-34	-34	-34	-34	-34	-	-	-	-
				C.C. U27	-37	-37	-37	-37	-37	-	-	-	-

				C.C. U28	-40	-40	-40	-40	-40	-	-	-	-
				C.C. U29	-37	-37	-37	-37	-37	-	-	-	-
				C.C. U30	-33	-33	-33	-33	-33	-	-	-	-
				C.C. U31	-35	-35	-35	-35	-35	-	-	-	-
				C.C. U32	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U33	-45	-45	-45	-45	-45	-	-	-	-
				C.C. U34	-46	-46	-46	-46	-46	-	-	-	-
				C.C. U35	-47	-47	-47	-47	-47	-	-	-	-
				C.C. U36	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U37	-33	-33	-33	-33	-33	-	-	-	-
				C.C. U38	-39	-39	-39	-39	-39	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-18	-18	-18	-18	-18	-	-	-	-
				C.C.2	-20	-20	-20	-20	-20	-	-	-	-
				C.C.3	-11	-11	-11	-11	-11	-	-	-	-
				C.C.4	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U1	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U2	-13	-13	-13	-13	-13	-	-	-	-
				C.C. U3	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U4	-11	-11	-11	-11	-11	-	-	-	-
				C.C. U5	-34	-21	-7	9	27	-	-	-	-
				C.C. U6	-31	-18	-4	12	30	-	-	-	-
				C.C. U7	-44	-23	1	28	57	-	-	-	-
				C.C. U8	-29	-16	-2	14	32	-	-	-	-
				C.C. U9	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U10	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U11	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U12	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U13	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U14	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U15	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U16	-10	-10	-10	-10	-10	-	-	-	-
				C.C. U17	-18	-18	-18	-18	-18	-	-	-	-
				C.C. U18	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U19	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U20	-13	-13	-13	-13	-13	-	-	-	-
				C.C. U21	-36	-23	-9	7	25	-	-	-	-
				C.C. U22	-34	-22	-7	9	26	-	-	-	-
				C.C. U23	-46	-25	-1	26	55	-	-	-	-
				C.C. U24	-31	-18	-4	12	30	-	-	-	-
				C.C. U25	-19	-19	-19	-19	-19	-	-	-	-
				C.C. U26	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U27	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U28	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U29	-17	-17	-17	-17	-17	-	-	-	-
				C.C. U30	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U31	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U32	-12	-12	-12	-12	-12	-	-	-	-
				C.C. U33	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U34	-13	-13	-13	-13	-13	-	-	-	-
				C.C. U35	-11	-11	-11	-11	-11	-	-	-	-
				C.C. U36	-18	-18	-18	-18	-18	-	-	-	-
				C.C. U37	-16	-16	-16	-16	-16	-	-	-	-
				C.C. U38	-13	-13	-13	-13	-13	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	19	19	19	19	19	-	-	-	-
				C.C.2	21	21	21	21	21	-	-	-	-
				C.C.3	11	11	11	11	11	-	-	-	-
				C.C.4	15	15	15	15	15	-	-	-	-
				C.C. U1	17	17	17	17	17	-	-	-	-
				C.C. U2	15	15	15	15	15	-	-	-	-
				C.C. U3	16	16	16	16	16	-	-	-	-
				C.C. U4	13	13	13	13	13	-	-	-	-
				C.C. U5	24	24	24	24	24	-	-	-	-
				C.C. U6	21	21	21	21	21	-	-	-	-
				C.C. U7	26	26	26	26	26	-	-	-	-
				C.C. U8	19	19	19	19	19	-	-	-	-
				C.C. U9	18	18	18	18	18	-	-	-	-
				C.C. U10	15	15	15	15	15	-	-	-	-
				C.C. U11	16	16	16	16	16	-	-	-	-

				C.C. U12	13	13	13	13	13	-	-	-	-
				C.C. U13	16	16	16	16	16	-	-	-	-
				C.C. U14	13	13	13	13	13	-	-	-	-
				C.C. U15	13	13	13	13	13	-	-	-	-
				C.C. U16	11	11	11	11	11	-	-	-	-
				C.C. U17	19	19	19	19	19	-	-	-	-
				C.C. U18	18	18	18	18	18	-	-	-	-
				C.C. U19	18	18	18	18	18	-	-	-	-
				C.C. U20	15	15	15	15	15	-	-	-	-
				C.C. U21	26	26	26	26	26	-	-	-	-
				C.C. U22	24	24	24	24	24	-	-	-	-
				C.C. U23	28	28	28	28	28	-	-	-	-
				C.C. U24	21	21	21	21	21	-	-	-	-
				C.C. U25	20	20	20	20	20	-	-	-	-
				C.C. U26	18	18	18	18	18	-	-	-	-
				C.C. U27	18	18	18	18	18	-	-	-	-
				C.C. U28	15	15	15	15	15	-	-	-	-
				C.C. U29	18	18	18	18	18	-	-	-	-
				C.C. U30	16	16	16	16	16	-	-	-	-
				C.C. U31	15	15	15	15	15	-	-	-	-
				C.C. U32	13	13	13	13	13	-	-	-	-
				C.C. U33	17	17	17	17	17	-	-	-	-
				C.C. U34	14	14	14	14	14	-	-	-	-
				C.C. U35	12	12	12	12	12	-	-	-	-
				C.C. U36	18	18	18	18	18	-	-	-	-
				C.C. U37	17	17	17	17	17	-	-	-	-
				C.C. U38	14	14	14	14	14	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	45	45	45	45	45	-	-	-	-
				C.C.2	39	39	39	39	39	-	-	-	-
				C.C.3	34	34	34	34	34	-	-	-	-
				C.C.4	25	25	25	25	25	-	-	-	-
				C.C. U1	47	47	47	47	47	-	-	-	-
				C.C. U2	45	45	45	45	45	-	-	-	-
				C.C. U3	44	44	44	44	44	-	-	-	-
				C.C. U4	46	46	46	46	46	-	-	-	-
				C.C. U5	49	53	58	63	69	-	-	-	-
				C.C. U6	47	51	56	61	67	-	-	-	-
				C.C. U7	47	54	62	71	80	-	-	-	-
				C.C. U8	48	52	56	62	67	-	-	-	-
				C.C. U9	53	44	33	22	9	-	-	-	-
				C.C. U10	51	42	31	20	7	-	-	-	-
				C.C. U11	54	38	20	1	-20	-	-	-	-
				C.C. U12	52	42	31	20	7	-	-	-	-
				C.C. U13	57	57	57	57	57	-	-	-	-
				C.C. U14	55	55	55	55	55	-	-	-	-
				C.C. U15	60	60	60	60	60	-	-	-	-
				C.C. U16	55	55	55	55	55	-	-	-	-
				C.C. U17	42	42	42	42	42	-	-	-	-
				C.C. U18	37	37	37	37	37	-	-	-	-
				C.C. U19	39	39	39	39	39	-	-	-	-
				C.C. U20	41	41	41	41	41	-	-	-	-
				C.C. U21	44	48	53	58	64	-	-	-	-
				C.C. U22	39	43	48	53	58	-	-	-	-
				C.C. U23	42	49	57	65	75	-	-	-	-
				C.C. U24	43	47	51	56	62	-	-	-	-
				C.C. U25	48	39	28	17	4	-	-	-	-
				C.C. U26	43	33	23	11	-1	-	-	-	-
				C.C. U27	49	33	15	-4	-25	-	-	-	-
				C.C. U28	47	37	26	15	2	-	-	-	-
				C.C. U29	52	52	52	52	52	-	-	-	-
				C.C. U30	47	47	47	47	47	-	-	-	-
				C.C. U31	55	55	55	55	55	-	-	-	-
				C.C. U32	50	50	50	50	50	-	-	-	-
				C.C. U33	47	47	47	47	47	-	-	-	-
				C.C. U34	45	45	45	45	45	-	-	-	-
				C.C. U35	45	45	45	45	45	-	-	-	-
				C.C. U36	42	42	42	42	42	-	-	-	-
				C.C. U37	36	36	36	36	36	-	-	-	-
				C.C. U38	40	40	40	40	40	-	-	-	-
31	piano 1	6	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-47	-47	-47	-47	-47	-	-	-	-
				C.C.2	-42	-42	-42	-42	-42	-	-	-	-
				C.C.3	-35	-35	-35	-35	-35	-	-	-	-
				C.C.4	-27	-27	-27	-27	-27	-	-	-	-
				C.C. U1	-40	-38	-35	-32	-29	-	-	-	-
				C.C. U2	-38	-36	-33	-30	-27	-	-	-	-
				C.C. U3	-31	-27	-23	-18	-12	-	-	-	-
				C.C. U4	-39	-36	-34	-31	-27	-	-	-	-
				C.C. U5	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U6	-36	-36	-36	-36	-36	-	-	-	-
				C.C. U7	-27	-27	-27	-27	-27	-	-	-	-
				C.C. U8	-36	-36	-36	-36	-36	-	-	-	-
				C.C. U9	-55	-46	-35	-24	-11	-	-	-	-
				C.C. U10	-53	-44	-33	-21	-9	-	-	-	-
				C.C. U11	-56	-40	-22	-3	18	-	-	-	-
				C.C. U12	-54	-44	-33	-22	-9	-	-	-	-
				C.C. U13	-59	-59	-59	-59	-59	-	-	-	-
				C.C. U14	-57	-57	-57	-57	-57	-	-	-	-
				C.C. U15	-62	-62	-62	-62	-62	-	-	-	-
				C.C. U16	-57	-57	-57	-57	-57	-	-	-	-
				C.C. U17	-35	-33	-30	-27	-24	-	-	-	-
				C.C. U18	-30	-27	-25	-22	-19	-	-	-	-
				C.C. U19	-26	-22	-18	-13	-7	-	-	-	-
				C.C. U20	-34	-31	-29	-26	-22	-	-	-	-
				C.C. U21	-33	-33	-33	-33	-33	-	-	-	-
				C.C. U22	-27	-27	-27	-27	-27	-	-	-	-
				C.C. U23	-22	-22	-22	-22	-22	-	-	-	-
				C.C. U24	-31	-31	-31	-31	-31	-	-	-	-
				C.C. U25	-50	-41	-30	-19	-6	-	-	-	-
				C.C. U26	-45	-35	-25	-13	-1	-	-	-	-
				C.C. U27	-51	-35	-17	2	23	-	-	-	-
				C.C. U28	-49	-39	-28	-17	-4	-	-	-	-
				C.C. U29	-54	-54	-54	-54	-54	-	-	-	-
				C.C. U30	-49	-49	-49	-49	-49	-	-	-	-
				C.C. U31	-57	-57	-57	-57	-57	-	-	-	-
				C.C. U32	-52	-52	-52	-52	-52	-	-	-	-
				C.C. U33	-49	-49	-49	-49	-49	-	-	-	-
				C.C. U34	-46	-46	-46	-46	-46	-	-	-	-
				C.C. U35	-47	-47	-47	-47	-47	-	-	-	-
				C.C. U36	-44	-44	-44	-44	-44	-	-	-	-
				C.C. U37	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U38	-42	-42	-42	-42	-42	-	-	-	-

#### 4.3.29 Taglio X-Y - Combinazioni SLE Frequenti.

I prospetti seguenti riportano i valori del taglio (Txy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 81.I

Taglio (Txy) [daN] - Combinazioni SLE Frequenti													
Asta	Imp.	Fili	L [cm]	Comb.	Txy <sub>1</sub>	Txy <sub>2</sub>	Txy <sub>3</sub>	Txy <sub>4</sub>	Txy <sub>5</sub>	Txy <sub>6</sub>	Txy <sub>7</sub>	Txy <sub>8</sub>	Txy <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	1	1	1	1	1	1	1	1	1
				C.C.3	33	36	40	44	47	51	55	58	62
				C.C.4	-31	-35	-38	-42	-46	-50	-53	-57	-61
				C.C. U1	2	2	2	2	2	2	2	2	2
				C.C. U2	1	1	1	1	1	1	1	1	1
				C.C. U3	1	1	1	1	1	1	1	0	0
				C.C. U4	1	1	1	1	0	0	0	-1	-1
				C.C. U5	1	1	1	1	1	1	1	1	1
				C.C. U6	1	1	1	1	1	1	1	1	1
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-28	-23	-18	-14	-9	-4	1	5	10
				C.C.4	27	23	18	13	8	4	-1	-6	-10
				C.C. U1	0	0	0	-1	-1	-1	-1	-1	-1



				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	-1	-1	-1
				C.C. U4	1	1	1	0	0	-1	-1	-1	-2
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-11	-6	-1	3	8	13	17	22	27
				C.C.4	11	6	2	-3	-8	-13	-17	-22	-27
				C.C. U1	0	0	0	0	0	0	0	0	-1
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	1	1	1	0	0	0	0	0	-1
				C.C. U4	2	1	1	0	0	0	-1	-1	-2
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-57	-53	-49	-46	-42	-38	-35	-31	-27
				C.C.4	57	53	49	45	42	38	34	30	27
				C.C. U1	1	1	1	1	1	1	0	0	0
				C.C. U2	-1	-1	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	-1	-1	-1
				C.C. U4	2	1	1	1	0	0	0	-1	-1
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-2	-6	-10	-15	-19	-23	-27	-31	-36
				C.C.4	2	6	10	14	18	23	27	31	36
				C.C. U1	1	1	1	1	1	1	1	1	1
				C.C. U2	0	0	0	0	0	0	0	1	1
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	-176	-181	-185	-189	-194	-198	-202	-207	-211
				C.C.4	176	181	185	189	194	198	203	207	211
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	-1	-1	-1	-1	-1	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	1	1	1	1	1	1	1	1	1
				C.C.3	-5	-1	3	7	12	16	20	24	29
				C.C.4	6	2	-2	-6	-10	-15	-19	-23	-27
				C.C. U1	2	2	2	2	2	2	2	2	2
				C.C. U2	1	1	1	1	1	0	0	0	0
				C.C. U3	1	1	1	1	1	1	1	1	1
				C.C. U4	1	1	1	1	1	1	1	1	1
				C.C. U5	1	1	1	1	1	1	1	1	1
				C.C. U6	1	1	1	1	1	1	1	1	1
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	183	187	192	196	200	205	209	214	218
				C.C.4	-183	-187	-192	-196	-200	-205	-209	-214	-218
				C.C. U1	0	0	0	0	0	0	0	0	0
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	0	0	0	0	0	0	0	0	0
				C.C. U4	0	0	0	0	0	0	0	0	0
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)

				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	400	395	391	387	383	378	374	370	366
				C.C.4	-402	-398	-394	-389	-385	-381	-377	-373	-369
				C.C. U1	1	1	1	1	1	1	1	1	1
				C.C. U2	-2	-2	-2	-2	-2	-1	-1	-1	-1
				C.C. U3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	2	2	2	2	2	2	2	2	2
				C.C.2	2	2	2	2	2	2	2	2	2
				C.C.3	-403	-399	-395	-390	-386	-382	-378	-374	-370
				C.C.4	408	404	399	395	391	387	383	379	375
				C.C. U1	6	6	6	5	5	5	5	5	5
				C.C. U2	3	2	2	2	2	2	2	2	2
				C.C. U3	2	2	2	2	2	2	2	2	2
				C.C. U4	2	2	2	2	2	2	2	2	2
				C.C. U5	3	3	3	3	3	3	3	3	3
				C.C. U6	3	3	3	3	3	3	3	3	3
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-3	-3	-3	-3	-2	-2	-2	-2	-2
				C.C.2	-3	-3	-3	-3	-2	-2	-2	-2	-2
				C.C.3	92	89	85	82	78	75	71	67	64
				C.C.4	-97	-94	-90	-87	-83	-80	-76	-72	-69
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-2
				C.C. U2	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U3	-3	-3	-2	-2	-2	-1	-1	-1	0
				C.C. U4	-4	-3	-3	-3	-3	-3	-3	-3	-2
				C.C. U5	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U6	-3	-3	-3	-3	-3	-3	-3	-3	-3
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	18	13	9	5	1	-3	-8	-12	-16
				C.C.4	-18	-14	-9	-5	-1	3	8	12	16
				C.C. U1	0	0	0	0	0	0	-1	-1	-1
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	-2	-1	-1	0	0	0	1	1	1
				C.C. U4	-1	-1	0	0	0	0	0	0	1
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	3	3	3	3	3	3	3	3	3
				C.C.2	3	3	3	3	3	3	3	3	3
				C.C.3	-62	-65	-69	-72	-76	-79	-83	-86	-90
				C.C.4	68	72	75	79	82	86	90	93	97
				C.C. U1	5	5	5	5	5	5	5	4	4
				C.C. U2	3	4	4	4	4	4	4	4	4
				C.C. U3	1	2	2	2	3	3	3	4	4
				C.C. U4	3	3	3	4	4	4	4	4	4
				C.C. U5	4	4	4	4	4	4	4	4	4
				C.C. U6	4	4	4	4	4	4	4	4	4
14	piano 1	1, 2	280.00		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U4	7	5	3	1	-1	-3	-5	-7	-8
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
15	piano 1	1, 3	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	3	3	3	3	3	3	3	3	3
				C.C.2	3	3	3	3	3	3	3	3	3
				C.C.3	11	11	11	11	11	11	11	11	11
				C.C.4	-5	-5	-5	-5	-5	-5	-5	-5	-5

				C.C. U1	3	3	3	3	3	3	3	3	3
				C.C. U2	1	1	2	2	2	3	3	4	4
				C.C. U3	3	3	3	3	3	3	3	3	3
				C.C. U4	4	4	4	4	4	4	4	4	4
				C.C. U5	4	4	4	4	4	4	4	4	4
				C.C. U6	4	4	4	4	4	4	4	4	4
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	-29	-29	-29	-29	-29	-29	-29	-29	-29
				C.C. U4	15	15	15	15	15	15	15	15	15
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	18	18	18	18	18	18	18	18	18
				C.C. U2	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C. U3	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U4	7	7	7	7	7	7	7	7	7
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.00		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.3	-10	-10	-10	-10	-10	-10	-10	-10	-10
				C.C.4	6	6	6	6	6	6	6	6	6
				C.C. U1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U2	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U3	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U4	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U5	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C. U6	-2	-2	-2	-2	-2	-2	-2	-2	-2
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	15	15	15	15	15	15	15	15	15
				C.C. U2	0	0	0	0	0	0	0	0	0
				C.C. U3	29	29	29	29	29	29	29	29	29
				C.C. U4	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	26	26	26	26	26	26	26	26	26
				C.C. U2	-120	-120	-120	-120	-120	-120	-120	-120	-120
				C.C. U3	8	8	8	8	8	8	8	8	8
				C.C. U4	-7	-7	-7	-7	-7	-7	-7	-7	-7
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	16	16	16	16	16	16	16	16	16
				C.C.2	16	16	16	16	16	16	16	16	16
				C.C.3	23	23	23	23	23	23	23	23	23
				C.C.4	8	8	8	8	8	8	8	8	8
				C.C. U1	18	18	18	18	18	18	18	18	18
				C.C. U2	21	21	21	21	21	21	21	22	22
				C.C. U3	18	18	18	18	18	18	18	18	18
				C.C. U4	17	17	17	17	17	17	17	17	17
				C.C. U5	17	17	17	17	17	17	17	17	17

				C.C. U6	17	17	17	17	17	17	17	17	17
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.2	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.3	-22	-22	-22	-22	-22	-22	-22	-22	-22
				C.C.4	-8	-8	-8	-8	-8	-8	-8	-8	-8
				C.C. U1	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U2	-6	-6	-6	-6	-6	-6	-6	-6	-6
				C.C. U3	-18	-18	-18	-18	-18	-18	-18	-18	-18
				C.C. U4	-17	-17	-17	-17	-17	-17	-17	-17	-17
				C.C. U5	-16	-16	-16	-16	-16	-16	-16	-16	-16
				C.C. U6	-16	-16	-16	-16	-16	-16	-16	-16	-16
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U3	-7	-6	-4	-3	-1	1	2	4	5
				C.C. U4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C. U6	-1	-1	-1	-1	-1	-1	-1	-1	-1
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	-14	-14	-14	-14	-14	-14	-14	-14	-14
				C.C. U2	-3	-3	-3	-3	-3	-3	-3	-3	-3
				C.C. U3	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C. U4	32	32	32	32	32	32	32	32	32
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C. U1	23	23	23	23	23	23	23	23	23
				C.C. U2	-4	-4	-4	-4	-4	-4	-4	-4	-4
				C.C. U3	34	34	34	34	34	34	34	34	34
				C.C. U4	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C. U5	0	0	0	0	0	0	0	0	0
				C.C. U6	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	30	30	30	30	30	-	-	-	-
				C.C.2	30	30	30	30	30	-	-	-	-
				C.C.3	34	34	34	34	34	-	-	-	-
				C.C.4	27	27	27	27	27	-	-	-	-
				C.C. U1	31	31	31	31	31	-	-	-	-
				C.C. U2	31	33	36	40	43	-	-	-	-
				C.C. U3	33	33	33	33	33	-	-	-	-
				C.C. U4	32	32	32	32	32	-	-	-	-
				C.C. U5	34	34	34	34	34	-	-	-	-
				C.C. U6	34	34	34	34	34	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-32	-32	-32	-32	-32	-	-	-	-
				C.C.2	-32	-32	-32	-32	-32	-	-	-	-
				C.C.3	-35	-35	-35	-35	-35	-	-	-	-
				C.C.4	-28	-28	-28	-28	-28	-	-	-	-
				C.C. U1	-35	-35	-35	-35	-35	-	-	-	-
				C.C. U2	-30	-30	-30	-30	-30	-	-	-	-
				C.C. U3	-34	-34	-34	-34	-34	-	-	-	-
				C.C. U4	-33	-33	-33	-33	-33	-	-	-	-
				C.C. U5	-35	-35	-35	-35	-35	-	-	-	-
				C.C. U6	-35	-35	-35	-35	-35	-	-	-	-
28	piano 1	3	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-12	-12	-12	-12	-12	-	-	-	-

				C.C.2	-12	-12	-12	-12	-12	-	-	-	-
				C.C.3	-11	-11	-11	-11	-11	-	-	-	-
				C.C.4	-13	-13	-13	-13	-13	-	-	-	-
				C.C. U1	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U2	-21	-16	-11	-6	0	-	-	-	-
				C.C. U3	-15	-15	-15	-15	-15	-	-	-	-
				C.C. U4	-14	-14	-14	-14	-14	-	-	-	-
				C.C. U5	-13	-13	-13	-13	-13	-	-	-	-
				C.C. U6	-13	-13	-13	-13	-13	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	13	13	13	13	13	-	-	-	-
				C.C.2	13	13	13	13	13	-	-	-	-
				C.C.3	12	12	12	12	12	-	-	-	-
				C.C.4	14	14	14	14	14	-	-	-	-
				C.C. U1	15	15	15	15	15	-	-	-	-
				C.C. U2	17	17	17	17	17	-	-	-	-
				C.C. U3	15	15	15	15	15	-	-	-	-
				C.C. U4	15	15	15	15	15	-	-	-	-
				C.C. U5	14	14	14	14	14	-	-	-	-
				C.C. U6	14	14	14	14	14	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	29	29	29	29	29	-	-	-	-
				C.C.2	29	29	29	29	29	-	-	-	-
				C.C.3	32	32	32	32	32	-	-	-	-
				C.C.4	27	27	27	27	27	-	-	-	-
				C.C. U1	33	33	33	33	33	-	-	-	-
				C.C. U2	34	36	37	39	41	-	-	-	-
				C.C. U3	36	32	29	25	21	-	-	-	-
				C.C. U4	37	37	37	37	37	-	-	-	-
				C.C. U5	34	34	34	34	34	-	-	-	-
				C.C. U6	34	34	34	34	34	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-31	-31	-31	-31	-31	-	-	-	-
				C.C.2	-31	-31	-31	-31	-31	-	-	-	-
				C.C.3	-33	-33	-33	-33	-33	-	-	-	-
				C.C.4	-29	-29	-29	-29	-29	-	-	-	-
				C.C. U1	-32	-31	-30	-29	-28	-	-	-	-
				C.C. U2	-31	-31	-31	-31	-31	-	-	-	-
				C.C. U3	-37	-34	-30	-27	-22	-	-	-	-
				C.C. U4	-38	-38	-38	-38	-38	-	-	-	-
				C.C. U5	-36	-36	-36	-36	-36	-	-	-	-
				C.C. U6	-36	-36	-36	-36	-36	-	-	-	-

#### 4.3.30 Taglio X-Y - Combinazioni SLE Quasi Permanenti.

I prospetti seguenti riportano i valori del taglio (Txy) per tutte le aste che definiscono la struttura e per tutte le combinazioni di carico utilizzate. Tali valori sono stati ricavati in funzione della classificazione fragile-duttile dell'elemento considerato e dunque del relativo fattore di comportamento.

Tabella 82.I

Taglio (Txy) [daN] - Combinazioni SLE Quasi Permanenti													
Asta	Imp.	Fili	L [cm]	Comb.	Txy <sub>1</sub>	Txy <sub>2</sub>	Txy <sub>3</sub>	Txy <sub>4</sub>	Txy <sub>5</sub>	Txy <sub>6</sub>	Txy <sub>7</sub>	Txy <sub>8</sub>	Txy <sub>9</sub>
1	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	1	1	1	1	1	1	1	1	1
2	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
3	fondazione	1, 2	77.50		(X=0)	(X=10)	(X=19)	(X=29)	(X=39)	(X=48)	(X=58)	(X=68)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
4	fondazione	1, 2	62.50		(X=0)	(X=8)	(X=16)	(X=23)	(X=31)	(X=39)	(X=47)	(X=55)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
5	fondazione	1, 3	60.00		(X=0)	(X=7)	(X=15)	(X=22)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0

6	fondazione	1, 3	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
7	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1	1	1	1	1	1	1	1	1
				C.C.2	1	1	1	1	1	1	1	1	1
8	fondazione	2, 4	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
9	fondazione	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	fondazione	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	2	2	2	2	2	2	2	2	2
				C.C.2	2	2	2	2	2	2	2	2	2
11	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	-3	-3	-3	-3	-2	-2	-2	-2	-2
				C.C.2	-3	-3	-3	-3	-2	-2	-2	-2	-2
12	fondazione	5, 6	91.16		(X=0)	(X=11)	(X=23)	(X=34)	(X=46)	(X=57)	(X=68)	(X=80)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
13	fondazione	5, 6	80.76		(X=0)	(X=10)	(X=20)	(X=30)	(X=40)	(X=50)	(X=61)	(X=71)	(X=L)
				C.C.1	3	3	3	3	3	3	3	3	3
				C.C.2	3	3	3	3	3	3	3	3	3
14	piano 1	1, 2	280.0 0		(X=0)	(X=35)	(X=70)	(X=105)	(X=140)	(X=175)	(X=210)	(X=245)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
15	piano 1	1, 3	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	3	3	3	3	3	3	3	3	3
				C.C.2	3	3	3	3	3	3	3	3	3
16	piano 1	7, 1	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
17	piano 1	1, 13	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
18	piano 1	2, 4	120.0 0		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.2	-2	-2	-2	-2	-2	-2	-2	-2	-2
19	piano 1	2, 8	60.00		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
20	piano 1	2, 14	30.00		(X=0)	(X=4)	(X=8)	(X=11)	(X=15)	(X=19)	(X=23)	(X=26)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
21	piano 1	3, 5	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	16	16	16	16	16	16	16	16	16
				C.C.2	16	16	16	16	16	16	16	16	16
22	piano 1	4, 6	63.37		(X=0)	(X=8)	(X=16)	(X=24)	(X=32)	(X=40)	(X=48)	(X=55)	(X=L)
				C.C.1	-15	-15	-15	-15	-15	-15	-15	-15	-15
				C.C.2	-15	-15	-15	-15	-15	-15	-15	-15	-15
23	piano 1	5, 6	246.9 1		(X=0)	(X=31)	(X=62)	(X=93)	(X=123)	(X=154)	(X=185)	(X=216)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
24	piano 1	9, 5	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
25	piano 1	6, 10	71.91		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
26	piano 1	1	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	30	30	30	30	30	-	-	-	-
				C.C.2	30	30	30	30	30	-	-	-	-
27	piano 1	2	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-32	-32	-32	-32	-32	-	-	-	-
				C.C.2	-32	-32	-32	-32	-32	-	-	-	-
28	piano 1	3	400.0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-

			0										
				C.C.1	-12	-12	-12	-12	-12	-	-	-	-
				C.C.2	-12	-12	-12	-12	-12	-	-	-	-
29	piano 1	4	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	13	13	13	13	13	-	-	-	-
				C.C.2	13	13	13	13	13	-	-	-	-
30	piano 1	5	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	29	29	29	29	29	-	-	-	-
				C.C.2	29	29	29	29	29	-	-	-	-
31	piano 1	6	400.0 0		(X=0)	(X=100)	(X=200)	(X=300)	(X=L)	-	-	-	-
				C.C.1	-31	-31	-31	-31	-31	-	-	-	-
				C.C.2	-31	-31	-31	-31	-31	-	-	-	-

#### 4.4 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'involuppo.

Tensioni ( $\sigma_T$ ) : valore della tensione dovuta alla pressione dell'asta/piastra di fondazione:

Tabella 83.I

Tensioni Terreno									
				SLV	SLD	SLE			
				A1	A1	Caratt.	Freq.	Q. Perm.	
Asta	Imp.	Fili	X [cm]	$\sigma_T$ [daN/cm <sup>2</sup> ]	$\sigma_T$ [daN/cm <sup>2</sup> ]	$\sigma_T$ [daN/cm <sup>2</sup> ]	$\sigma_T$ [daN/cm <sup>2</sup> ]	$\sigma_T$ [daN/cm <sup>2</sup> ]	
1	fondazione	1-2	0.00	0.55(20) *	0.50(20) *	0.34(33)	0.31(8)	0.30(1)	
			31.25	0.52(20)	0.48(20)	0.33(33)	0.30(8)	0.29(1)	
			62.50	0.50(20)	0.46(20)	0.32(33)	0.29(8)	0.28(1)	
2	fondazione	1-2	0.00	0.50(20)	0.46(20)	0.32(33)	0.29(8)	0.28(1)	
			38.75	0.48(20)	0.44(20)	0.31(33)	0.28(8)	0.27(1)	
			77.50	0.47(20)	0.43(20)	0.30(33)	0.28(8)	0.27(1)	
3	fondazione	1-2	0.00	0.47(19)	0.43(19)	0.30(33)	0.28(8)	0.27(1)	
			38.75	0.48(19)	0.44(19)	0.31(33)	0.28(8)	0.27(1)	
			77.50	0.50(19)	0.46(19)	0.32(33)	0.29(8)	0.28(1)	
4	fondazione	1-2	0.00	0.50(19)	0.46(19)	0.32(17)	0.29(8)	0.28(1)	
			31.25	0.52(19)	0.48(19)	0.33(17)	0.30(8)	0.29(1)	
			62.50	0.55(19)	0.50(19)	0.34(17)	0.31(8)	0.30(1)	
5	fondazione	1-3	0.00	0.53(31)	0.48(12)	0.34(17)	0.31(9)	0.30(1)	
			30.00	0.48(31)	0.44(12)	0.34(17)	0.31(9)	0.29(1)	
			60.00	0.47(31)	0.40(12)	0.34(17)	0.31(9)	0.29(1)	
6	fondazione	1-3	0.00	0.47(25)	0.40(13)	0.34(9)	0.31(9)	0.29(1)	
			30.00	0.48(25)	0.39(13)	0.34(9)	0.31(9)	0.29(1)	
			60.00	0.49(25)	0.39(13)	0.35(9)	0.31(9)	0.30(1)	
7	fondazione	2-4	0.00	0.53(31)	0.48(19)	0.34(17)	0.31(9)	0.30(1)	
			30.00	0.48(31)	0.44(19)	0.34(17)	0.31(9)	0.29(1)	
			60.00	0.47(31)	0.40(19)	0.34(17)	0.31(9)	0.29(1)	
8	fondazione	2-4	0.00	0.47(31)	0.40(8)	0.34(17)	0.31(9)	0.29(1)	
			30.00	0.48(31)	0.39(8)	0.34(17)	0.31(9)	0.29(1)	
			60.00	0.48(31)	0.39(8)	0.35(17)	0.31(9)	0.30(1)	
9	fondazione	3-5	0.00	0.50(17)	0.40(17)	0.36(13)	0.32(7)	0.30(1)	
			31.69	0.51(17)	0.42(17)	0.36(13)	0.32(7)	0.30(1)	
			63.37	0.53(17)	0.48(17)	0.37(13)	0.33(7)	0.31(1)	
10	fondazione	4-6	0.00	0.50(14)	0.40(14)	0.36(13)	0.32(7)	0.30(1)	
			31.69	0.51(14)	0.43(14)	0.37(13)	0.32(7)	0.30(1)	
			63.37	0.53(14)	0.48(14)	0.37(13)	0.33(7)	0.31(1)	
11	fondazione	5-6	0.00	0.53(28)	0.49(17)	0.37(29)	0.32(7)	0.30(1)	
			40.38	0.50(28)	0.46(17)	0.36(29)	0.31(7)	0.29(1)	
			80.76	0.48(28)	0.43(17)	0.35(29)	0.30(7)	0.29(1)	
12	fondazione	5-6	0.00	0.48(28)	0.43(14)	0.35(29)	0.30(7)	0.29(1)	
			45.58	0.48(28)	0.42(14)	0.34(29)	0.30(7)	0.28(1)	
			91.16	0.49(28)	0.44(14)	0.35(29)	0.30(7)	0.29(1)	
13	fondazione	5-6	0.00	0.49(14)	0.44(14)	0.35(13)	0.30(7)	0.29(1)	
			40.38	0.50(14)	0.46(14)	0.36(13)	0.31(7)	0.30(1)	
			80.76	0.53(14)	0.49(14)	0.37(13)	0.32(7)	0.30(1)	

Tabella 83.II

Tensioni Terreno					
		SLV	SLD	SLE	
		A1	A1	Caratt.	Freq.
Piastra	Fili	$\sigma$ [daN/cm <sup>2</sup> ]	$\sigma$ [daN/cm <sup>2</sup> ]	$\sigma$ [daN/cm <sup>2</sup> ]	$\sigma$ [daN/cm <sup>2</sup> ]
1	11, 12, 8, 7	0.69(17)	0.61(17)	0.38(13) *	0.34(1) *

\* valore massimo.

#### 4.5 Verifiche Nodi.

#### 4.5.1 Verifiche SLV - Verifica Nodo.

Nodo	: numerazione interna del nodo;
Filo	: filo fisso al quale appartiene il nodo considerato;
D staffe	: passo delle staffe;
$\emptyset$	: 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 84.I

Nodo	Imp.	Filo	D staffe [cm]	Ø [mm]	η	vd	VjbdX [daN]	S comp X	VjbdY [daN]	S comp Y	Esito comp	S traz	Esito traz
12	piano 1	1	12	8	0.43	0.00	0.00	-	0.00	-	V	-	V
13	piano 1	2	12	8	0.43	0.00	0.00	-	0.00	-	V	-	V
14	piano 1	3	12	8	0.43	0.00	0.00	-	0.00	-	V	-	V
15	piano 1	4	12	8	0.43	0.00	0.00	-	0.00	-	V	-	V
16	piano 1	5	10	8	0.43	0.00	0.00	-	5814.46	-	V	1.10	V
17	piano 1	6	10	8	0.43	0.00	0.00	-	5181.46	-	V	1.10	V

#### 4.6 Verifica Aste.

#### 4.6.1 Pilastri.

#### 4.6.1.1 Verifiche Pilastri in C.A..

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

#### 4.6.1.1.1 Verifiche SLV - Flessione Composta

Pilastro	: numerazione del pilastro ( <i>interna alla relazione di calcolo</i> );
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Filo	: filo fisso dell'asta considerata ( <i>numerazione corrispondente con elaborati grafici esecutivi</i> );
Tipo Sez.	: tipo di sezione dell'asta considerata;
$\epsilon c_2$	: deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
$\epsilon c_u$	: 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;
FaTA e-version - Vers 36.0.3	



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

$\epsilon_{cls}$  : deformazione massima del calcestruzzo compresso  
 $\epsilon_{acc}$  : deformazione massima dell'armatura tesa

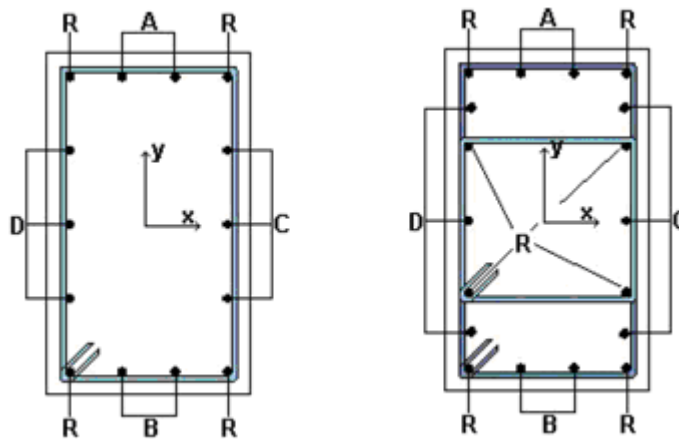
Azioni Resistenti:

$N_{Rd}$  : 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 85.I

Sezione Rettangolare



Pilastro	Asta	Imp.	Filo	Tip o Sez.	ε <sub>c2</sub> [%]	ε <sub>cu</sub> 2 [%]	Pos.	Cop [cm]	Asn [cm²]	CdC	Azioni Sollecitanti					Azioni Resistenti			C	S	Esito		
											Nsd [daN]	Msd <sub>xz</sub> [daNm]	Msd <sub>xy</sub> [daNm]	ε <sub>cls</sub> [%]	ε <sub>acc</sub> [%]	Nrd [daN]	Mrd <sub>xz</sub> [daNm]	Mrd <sub>xy</sub> [daNm]					
1	26	piano 1	1	1	2.00	3.50	Testa	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	15	-1096	-1651	0	3.50	8.93	-1096	-4942	0	3	2.99	V		
								3.0	16.1	11	-1448	0	-1812	3.50	8.85	-1448	0	-4966	3	2.74	V		
							Piede	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	15	-1996	1745	0	3.50	8.72	-1995	5003	0	3	2.87	V		
								3.0	16.1	11	-2348	0	1895	3.50	8.64	-2348	0	5027	3	2.65	V		
2	27	piano 1	2	1	2.00	3.50	Testa	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	16	-1083	-1653	0	3.50	8.93	-1083	-4941	0	3	2.99	V		
								3.0	16.1	6	-1447	0	1813	3.50	8.85	-1446	0	4966	3	2.74	V		
							Piede	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	16	-1983	1749	0	3.50	8.72	-1982	5002	0	3	2.86	V		
								3.0	16.1	6	-2347	0	-1897	3.50	8.64	-2346	0	-5027	3	2.65	V		
3	28	piano 1	3	1	2.00	3.50	Testa	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	15	1389	-1802	0	3.50	9.52	1389	-4770	0	3	2.65	V		
								3.0	16.1	6	408	0	929	3.50	9.28	408	0	4838	3	5.21	V		
							Piede	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	15	489	1740	0	3.50	9.30	490	4833	0	3	2.78	V		
								3.0	16.1	6	-492	0	-1518	3.50	9.07	-492	0	-4900	3	3.23	V		
4	29	piano 1	4	1	2.00	3.50	Testa	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	16	1346	-1797	0	3.50	9.51	1345	-4773	0	3	2.66	V		
								3.0	16.1	11	377	0	-932	3.50	9.28	377	0	-4840	3	5.19	V		
							Piede	Armatura: 4 Ø 16 (R), 1 Ø 16 (A), 1 Ø 16 (B), 1 Ø 16 (C), 1 Ø 16 (D)															
								3.0	16.1	16	446	1738	0	3.50	9.29	445	4836	0	3	2.78	V		
								3.0	16.1	11	-523	0	1525	3.50	9.06	-522	0	4902	3	3.21	V		
5	30	piano 1	5	2	2.00	3.50	Testa	Armatura: 4 Ø 16 (R), 2 Ø 16 (C), 2 Ø 16 (D)															
								3.0	16.1	18	324	2456	0	3.50	11.7 2	324	8011	0	3	3.26	V		
								3.0	16.1	12	-1871	0	-2337	3.50	13.6 6	-1871	0	-5176	3	2.21	V		
							Piede	Armatura: 4 Ø 16 (R), 2 Ø 16 (C), 2 Ø 16 (D)															
								3.0	16.1	18	-1026	-3588	0	3.50	11.2 9	-1026	-8159	0	3	2.27	V		
								3.0	16.1	12	-3221	0	2632	3.50	13.3 7	-3221	0	5275	3	2.00	V		
6	31	piano 1	6	2	2.00	3.50	Testa	Armatura: 4 Ø 16 (R), 2 Ø 16 (C), 2 Ø 16 (D)															
								3.0	16.1	21	327	2454	0	3.50	11.7 2	328	8010	0	3	3.26	V		

								3.0	16.1	9	-1856	0	2334	3.50	13.6 7	-1856	0	5175	3	2.22	V
							Piede	Armatura: 4 Ø 16 (R), 2 Ø 16 (C), 2 Ø 16 (D)													
								3.0	16.1	21	-1023	-3581	0	3.50	11.2 9	-1022	-8158	0	3	2.28	V
								3.0	16.1	9	-3206	0	-2628	3.50	13.3 8	-3206	0	-5274	3	2.01	V

#### 4.6.1.1.2 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( $\theta$ ) : cotangente dell'angolo  $\theta$ ;

##### 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  $V_{Sd} = V_{Ed}$  ;  
 $V_{Ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{inf}) / 1_p$ );  
 $\gamma_{Rd} = 1.1$ ;  
 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;  
 $\phi$  : 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 86.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	Cop [cm]	cot( $\theta$ )	Tagli Sollecitanti		Tagli Resistenti		$\phi$ [mm]	Nbr X	Nbr Y	DStaffe [cm]	Ltr [cm]	S <sub>XY</sub>	S <sub>XZ</sub>	Esito
								Vsdxxy [daN]	Vsdxz [daN]	Vrdxy [daN]	Vrdxz [daN]								
1	26	piano 1	1	1	1	3.0	2.5	1528	1390	17304	17304	8	2	2	12	67	11.32	12.45	V
					2	3.0	2.5	927	849	11833	11833	8	2	2	19	267	12.77	13.94	V
					3	3.0	2.5	1528	1390	17432	17432	8	2	2	9	67	11.41	12.55	V
2	27	piano 1	2	1	1	3.0	2.5	1529	1391	17303	17303	8	2	2	12	67	11.32	12.44	V
					2	3.0	2.5	927	850	11833	11833	8	2	2	19	267	12.76	13.91	V
					3	3.0	2.5	1529	1391	17431	17431	8	2	2	9	67	11.40	12.53	V
3	28	piano 1	3	1	1	3.0	2.5	1017	1443	17354	17354	8	2	2	12	67	17.06	12.02	V
					2	3.0	2.5	612	886	11833	11833	8	2	2	19	267	19.34	13.36	V
					3	3.0	2.5	1017	1443	17453	17453	8	2	2	8	67	17.15	12.09	V
4	29	piano 1	4	1	1	3.0	2.5	1021	1441	17355	17355	8	2	2	12	67	17.00	12.05	V
					2	3.0	2.5	614	884	11833	11833	8	2	2	19	267	19.27	13.39	V
					3	3.0	2.5	1021	1441	17454	17454	8	2	2	8	67	17.09	12.11	V
5	30	piano 1	5	2	1	3.0	2.5	2056	2466	18735	27671	8	2	2	12	67	9.11	11.22	V
					2	3.0	2.5	1242	1511	11833	18820	8	2	2	19	267	9.52	12.45	V
					3	3.0	2.5	2056	2466	18735	27841	8	2	2	8	67	9.11	11.29	V
6	31	piano 1	6	2	1	3.0	2.5	2052	2460	18735	27665	8	2	2	12	67	9.13	11.25	V
					2	3.0	2.5	1241	1509	11833	18820	8	2	2	19	267	9.54	12.47	V
					3	3.0	2.5	2052	2460	18735	27836	8	2	2	8	67	9.13	11.32	V

#### 4.6.1.1.3 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( $\theta$ ) : cotangente dell'angolo  $\theta$ ;

**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;  
 $\phi$  : 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 87.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	Cop [cm]	cot( $\theta$ )	Tagli Sollecitanti		Tagli Resistenti		$\phi$ [mm]	Nbr_X	Nbr_Y	DStaffe [cm]	Ltr [cm]	$S_{XY}$	$S_{XZ}$	Esito
								$V_{sdxy}$ [daN]	$V_{sdxz}$ [daN]	$V_{rdxy}$ [daN]	$V_{rdxz}$ [daN]								
1	26	piano 1	1	1	1	3.0	2.5	922	833	7415	7415	8	2	2	12	67	8.04	8.90	V
					2	3.0	2.5	922	833	5205	5205	8	2	2	19	267	5.65	6.25	V
					3	3.0	2.5	922	833	7456	7456	8	2	2	9	67	8.09	8.95	V
2	27	piano 1	2	1	1	3.0	2.5	924	836	7415	7415	8	2	2	12	67	8.03	8.87	V
					2	3.0	2.5	924	836	5205	5205	8	2	2	19	267	5.63	6.23	V
					3	3.0	2.5	924	836	7456	7456	8	2	2	9	67	8.07	8.92	V
3	28	piano 1	3	1	1	3.0	2.5	600	851	7451	7451	8	2	2	12	67	12.42	8.76	V
					2	3.0	2.5	600	851	5241	5241	8	2	2	19	267	8.74	6.16	V
					3	3.0	2.5	600	851	7491	7491	8	2	2	8	67	12.49	8.81	V
4	29	piano 1	4	1	1	3.0	2.5	602	850	7451	7451	8	2	2	12	67	12.38	8.77	V
					2	3.0	2.5	602	850	5241	5241	8	2	2	19	267	8.71	6.17	V
					3	3.0	2.5	602	850	7491	7491	8	2	2	8	67	12.45	8.81	V
5	30	piano 1	5	2	1	3.0	2.5	1099	1286	7198	11304	8	2	2	12	67	6.55	8.79	V
					2	3.0	2.5	1099	1286	5003	7809	8	2	2	19	267	4.55	6.07	V
					3	3.0	2.5	1099	1286	7258	11394	8	2	2	8	67	6.61	8.86	V
6	31	piano 1	6	2	1	3.0	2.5	1096	1283	7196	11301	8	2	2	12	67	6.57	8.81	V
					2	3.0	2.5	1096	1283	5001	7806	8	2	2	19	267	4.56	6.08	V
					3	3.0	2.5	1096	1283	7256	11391	8	2	2	8	67	6.62	8.88	V

#### 4.6.1.1.4 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;  
 $\alpha$  : coefficiente di efficacia del confinamento  
 $\omega_{wd}$  : rapporto meccanico dell'armatura trasversale di confinamento all'interno della zona dissipativa  
 $\mu_{Ed}$  : domanda in duttilità di curvatura  
 $V_d$  : forza assiale adimensionalizzata di progetto relativa alla combinazione sismica SLV  
 $\epsilon_{sy,d}$  : deformazione di snervamento dell'acciaio  
 $b_c$  : larghezza minima della sezione trasversale lorda

$b_0$  : larghezza del nucleo confinato corrispondente a  $b_c$   
 Esito : Esito della verifica : V = VERIFICATA;  
 : NV = NON VERIFICATA;

Tabella 88.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	$\alpha$	$\varpi_{wd}$	$\mu_{Ed}$	$V_d$	$\varepsilon_{sy,d}$	$b_c$	$b_0$	Esito
1	26	piano 1	1	1	0.41	0.26	46.93	0.033	0.0019	300.0	208.0	V
2	27	piano 1	2	1	0.41	0.26	46.93	0.033	0.0019	300.0	208.0	V
3	28	piano 1	3	1	0.43	0.29	46.93	0.042	0.0019	300.0	208.0	V
4	29	piano 1	4	1	0.43	0.29	46.93	0.042	0.0019	300.0	208.0	V
5	30	piano 1	5	2	0.44	0.23	41.03	0.044	0.0019	450.0	358.0	V
6	31	piano 1	6	2	0.44	0.23	41.03	0.044	0.0019	450.0	358.0	V

#### 4.6.1.1.5 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;  
 $\lambda$  : rapporto di snellezza;  
 $\lambda^*$  : 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'inflexione della colonna pari a  $e_2 := 0.222 e_{fy} l_0^2/h$ .

Tabella 89.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Dir.	Cop [cm]	$\lambda$	$\lambda^*$	Azioni Sollecitanti			Azioni Resistenti			S	Esito
									$N_{sd}$ [daN]	$M_{sdxz}$ [daNm]	$M_{sdxy}$ [daNm]	$N_{Rd}$ [daN]	$M_{Rdxz}$ [daNm]	$M_{Rdxy}$ [daNm]		
1	26	piano 1	1	1	Dir X	3.0	24.8	124.0	-5185	-	-	-	-	-	-	V
					Dir Y	3.0	24.8	124.0	-5185	-	-	-	-	-	-	V
2	27	piano 1	2	1	Dir X	3.0	24.8	124.1	-5178	-	-	-	-	-	-	V
					Dir Y	3.0	24.8	124.1	-5178	-	-	-	-	-	-	V
3	28	piano 1	3	1	Dir X	3.0	24.8	122.1	-5344	-	-	-	-	-	-	V
					Dir Y	3.0	24.8	122.1	-5344	-	-	-	-	-	-	V
4	29	piano 1	4	1	Dir X	3.0	24.8	122.1	-5349	-	-	-	-	-	-	V
					Dir Y	3.0	24.8	122.1	-5349	-	-	-	-	-	-	V
5	30	piano 1	5	2	Dir X	3.0	27.7	117.9	-8600	-	-	-	-	-	-	V
					Dir Y	3.0	40.4	117.9	-8600	-	-	-	-	-	-	V
6	31	piano 1	6	2	Dir X	3.0	27.0	118.2	-8560	-	-	-	-	-	-	V
					Dir Y	3.0	41.6	118.2	-8560	-	-	-	-	-	-	V

#### 4.6.1.1.6 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 90.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Cop [cm]	Area Sezione [cm²]	NEd [daN]	NRd [daN]	Esito
1	26	piano 1	1	1	3.0	900	-5185	-82875	V
2	27	piano 1	2	1	3.0	900	-5178	-82875	V
3	28	piano 1	3	1	3.0	900	-5344	-82875	V
4	29	piano 1	4	1	3.0	900	-5349	-82875	V
5	30	piano 1	5	2	3.0	1350	-8600	-124313	V
6	31	piano 1	6	2	3.0	1350	-8560	-124313	V

#### 4.6.1.1.7 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:

$\sigma_c$  : tensioni d'esercizio del calcestruzzo;  
 $\sigma_s$  : 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 91.I

Pil	Asta	Imp.	Filo	Tipo Sez.	Comb	Pos.	Cop [cm]	Azioni Sollecitanti			Tensioni		Tensioni Limite		S	Esito
								$N_{sd}$ [daN]	$M_{sdxz}$ [daNm]	$M_{sdxy}$ [daNm]	$\sigma_c$ [daN/cm²]	$\sigma_s$ [daN/cm²]	$\sigma_{c,lim}$ [daN/cm²]	$\sigma_{s,lim}$ [daN/cm²]		
1	26	piano 1	1	1	Caratt.	Testa	3.0	-2589	-143	-155	8.1	93.3	150.0	3600.0	18.58	V
						Piede	3.0	-3489	227	-13	7.3	89.8	150.0	3600.0	20.54	V
					Q.Perm.	Testa	3.0	-2132	-57	-126	5.2	62.2	112.5	3600.0	21.73	V
						Piede	3.0	-3032	124	-4	4.9	62.8	112.5	3600.0	23.11	V
2	27	piano 1	2	1	Caratt.	Testa	3.0	-2584	-145	157	8.2	94.5	150.0	3600.0	18.31	V
						Piede	3.0	-3530	214	-27	7.3	90.5	150.0	3600.0	20.42	V
					Q.Perm.	Testa	3.0	-2128	-59	127	5.3	63.0	112.5	3600.0	21.41	V
						Piede	3.0	-3028	127	1	4.9	62.7	112.5	3600.0	23.16	V
3	28	piano 1	3	1	Caratt.	Testa	3.0	-1840	-242	5	7.0	75.2	150.0	3600.0	21.55	V
						Piede	3.0	-2740	197	-65	7.3	86.5	150.0	3600.0	20.49	V
					Q.Perm.	Testa	3.0	-1527	-145	4	4.3	49.3	112.5	3600.0	26.38	V
						Piede	3.0	-2427	88	-46	4.4	55.9	112.5	3600.0	25.38	V
4	29	piano 1	4	1	Caratt.	Testa	3.0	-1870	-240	-5	6.9	75.3	150.0	3600.0	21.61	V

						Piede	3.0	-2745	200	68	7.5	88.0	150.0	3600.0	20.08	V
					Q.Perm.	Testa	3.0	-1552	-144	-4	4.2	49.3	112.5	3600.0	26.49	V
						Piede	3.0	-2452	88	48	4.5	56.5	112.5	3600.0	25.11	V
5	30	piano 1	5	2	Caratt.	Testa	3.0	-4758	435	-227	10.1	123.5	150.0	3600.0	14.92	V
						Piede	3.0	-6108	-232	-19	6.0	82.9	150.0	3600.0	25.04	V
					Q.Perm.	Testa	3.0	-3336	283	-142	6.5	80.5	112.5	3600.0	17.37	V
						Piede	3.0	-4686	-120	-24	4.2	59.1	112.5	3600.0	26.59	V
6	31	piano 1	6	2	Caratt.	Testa	3.0	-4731	442	230	10.2	124.9	150.0	3600.0	14.72	V
						Piede	3.0	-6142	-214	60	6.3	86.5	150.0	3600.0	23.64	V
					Q.Perm.	Testa	3.0	-3314	289	144	6.6	81.5	112.5	3600.0	17.10	V
						Piede	3.0	-4664	-129	20	4.2	59.3	112.5	3600.0	26.51	V

#### 4.6.1.1.8 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 <sub>sd</sub>	: Sforzo Normale Sollecitante;
M <sub>sdXZ</sub>	: valore del Momento Flettente X-Z sollecitante di calcolo;
M <sub>sdXY</sub>	: valore del Momento Flettente X-Y sollecitante di calcolo;
W <sub>k,max</sub>	: valore della massima apertura ammissibile delle fessure;
W <sub>k</sub>	: 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 92.I

Pil	Asta	Imp.	Filo	Tipo Sez.	Comb	Pos.	Cop [cm]	Nsd [daN]	Msdxz [daNm]	Msdxy [daNm]	W <sub>k,max</sub> [mm]	W <sub>k</sub> [mm]	S	Esito
1	26	piano 1	1	1	Freq.	Testa	3.0	-2135	-51	-129	0.40	0.00	-	V
						Piede	3.0	-3035	117	5	0.40	0.00	-	V
					Q.Perm.	Testa	3.0	-2132	-57	-126	0.40	0.00	-	V
						Piede	3.0	-3032	124	-4	0.40	0.00	-	V
2	27	piano 1	2	1	Freq.	Testa	3.0	-2130	-53	131	0.40	0.00	-	V
						Piede	3.0	-3030	119	-8	0.40	0.00	-	V
					Q.Perm.	Testa	3.0	-2128	-59	127	0.40	0.00	-	V
						Piede	3.0	-3028	127	1	0.40	0.00	-	V
3	28	piano 1	3	1	Freq.	Testa	3.0	-1525	-144	4	0.40	0.00	-	V
						Piede	3.0	-2425	88	-41	0.40	0.00	-	V
					Q.Perm.	Testa	3.0	-1527	-145	4	0.40	0.00	-	V
						Piede	3.0	-2427	88	-46	0.40	0.00	-	V
4	29	piano 1	4	1	Freq.	Testa	3.0	-1549	-142	-5	0.40	0.00	-	V
						Piede	3.0	-2449	87	43	0.40	0.00	-	V
					Q.Perm.	Testa	3.0	-1552	-144	-4	0.40	0.00	-	V
						Piede	3.0	-2452	88	48	0.40	0.00	-	V
5	30	piano 1	5	2	Freq.	Testa	3.0	-3336	278	-144	0.40	0.00	-	V
						Piede	3.0	-5121	-101	-42	0.40	0.00	-	V
					Q.Perm.	Testa	3.0	-3336	283	-142	0.40	0.00	-	V
						Piede	3.0	-4686	-120	-24	0.40	0.00	-	V
6	31	piano 1	6	2	Freq.	Testa	3.0	-3314	284	146	0.40	0.00	-	V
						Piede	3.0	-5097	-111	38	0.40	0.00	-	V
					Q.Perm.	Testa	3.0	-3314	289	144	0.40	0.00	-	V
						Piede	3.0	-4664	-129	20	0.40	0.00	-	V

#### 4.6.2 Travi di Elevazione.

##### 4.6.2.1 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.

##### 4.6.2.1.1 Verifiche SLV - Flessione Composta

Azioni Sollecitanti:

**Azioni Resistenti:**

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

										Azioni Sollecitanti			Azioni Resistenti									
Camp	Asta	Imp.	Fili	Tipo Sez.	gc2 [%]	gcu 2 [%]	X [cm]	Cop [cm]	A <sub>sup</sub> [cm²]	A <sub>inf</sub> [cm²]	A <sub>h</sub> [cm²]	N <sub>sd</sub> [daN]	M <sub>rdxm</sub> [daNm]	M <sub>rdxy</sub> [daNm]	gcls [%]	gacc [%]	N <sub>rd</sub> [daN]	M <sub>rdxm</sub> [daNm]	M <sub>rdxy</sub> [daNm]	C	S	Esit o
1	14	piano 1	1-2	5	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-914	-	3.50	10.36	1	-2403	-	3	2.63	V
					2.00	3.50	245	3.0	4.02	4.02	8.04	0	-508	-	3.50	10.36	1	-2403	-	3	4.73	V
					2.00	3.50	310	3.0	4.02	4.02	8.04	0	-915	-	3.50	10.36	1	-2403	-	3	2.63	V
2	15	piano 1	1-3	4	2.00	3.50	0	3.0	4.02	4.02	8.04	0	760	-	3.50	15.87	1	-3698	-	3	4.87	V
					2.00	3.50	15	3.0	4.02	4.02	8.04	0	695	-	3.50	15.87	1	-3698	-	3	5.32	V
					2.00	3.50	150	3.0	4.02	4.02	8.04	0	-976	-	3.50	15.87	1	-3698	-	3	3.79	V
3	16	piano 1	7-1	5	2.00	3.50	0	3.0	4.02	4.02	8.04	0	0	-	-	-	-	-	-	-	-	V
					2.00	3.50	53	3.0	4.02	4.02	8.04	0	-163	-	3.50	10.36	1	-2403	-	3	14.74	V
					2.00	3.50	75	3.0	4.02	4.02	8.04	0	-213	-	3.50	10.36	1	-2403	-	3	11.28	V
4	17	piano 1	1-13	5	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-27	-	3.50	10.36	1	-2403	-	3	87.68	V
					2.00	3.50	4	3.0	4.02	4.02	8.04	0	-21	-	3.50	10.36	1	-2403	-	3	114.56	V
					2.00	3.50	45	3.0	4.02	4.02	8.04	0	0	-	-	-	-	-	-	-	-	-
5	18	piano 1	2-4	4	2.00	3.50	0	3.0	4.02	4.02	8.04	0	764	-	3.50	15.87	1	-3698	-	3	4.84	V
					2.00	3.50	15	3.0	4.02	4.02	8.04	0	696	-	3.50	15.87	1	-3698	-	3	5.31	V
					2.00	3.50	150	3.0	4.02	4.02	8.04	0	-985	-	3.50	15.87	1	-3698	-	3	3.76	V
6	19	piano 1	2-8	5	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-213	-	3.50	10.36	1	-2403	-	3	11.28	V
					2.00	3.50	8	3.0	4.02	4.02	8.04	0	-163	-	3.50	10.36	1	-2403	-	3	14.74	V
					2.00	3.50	75	3.0	4.02	4.02	8.04	0	0	-	-	-	-	-	-	-	-	V
7	20	piano 1	2-14	5	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-27	-	3.50	10.36	1	-2403	-	3	87.68	V
					2.00	3.50	4	3.0	4.02	4.02	8.04	0	-21	-	3.50	10.36	1	-2403	-	3	114.56	V
					2.00	3.50	45	3.0	4.02	4.02	8.04	0	0	-	-	-	-	-	-	-	-	-
8	21																					

**4.6.2.1.2 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  $\theta$ ;  
 A<sub>Sag</sub> : area del singolo sagomato;

Tagli Sollecitanti:

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

$\gamma_{Rd} = 1.1$ ;

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

Tagli Resistenti:

V<sub>RdXZ</sub> : valore del Taglio X-Z resistente di calcolo;

V<sub>RdXY</sub> : valore del Taglio X-Y resistente di calcolo;

$\phi$  : diametro della staffa;

N<sub>br</sub> : numero di bracci di cui è composta la staffa;

D<sub>Staffe</sub> : interasse tra le staffe;

L<sub>TR</sub> : lunghezza dei tratti per cui si ha D<sub>staffe</sub>;

S<sub>XY</sub> : coefficiente di sicurezza relativo a V<sub>SdXY</sub>

S<sub>XZ</sub> : coefficiente di sicurezza relativo a V<sub>SdXZ</sub>

Esito : Esito della verifica : V = VERIFICATA;

: NV = NON VERIFICATA;

: NV<sub>min</sub> = Minimi di normativa non rispettati;

Tabella 94.I

Camp.	Asta	Imp.	Fili	Tipo Sez.	Cop. [cm]	Blocco	cot( $\theta$ )	A <sub>Sag</sub> [cm <sup>2</sup> ]	Tagli Sollecitanti		Tagli Resistenti		$\phi$ [mm]	N <sub>br</sub>	D <sub>Staffe</sub> [cm]	L <sub>tr</sub> [cm]	S <sub>XY</sub>	S <sub>XZ</sub>	Esito
									V <sub>SdXY</sub> [daN]	V <sub>SdXZ</sub> [daN]	V <sub>Rdxy</sub> [daN]	V <sub>RdXZ</sub> [daN]							
1	14	piano 1	1-2	5	3.0	Ini	2.5	0.00	0	1661	-	14444	8	2	4	21	-	8.70	V
						Med	2.5	0.00	0	1413	-	11166	8	2	13	238	-	7.90	V
						fin	2.5	0.00	0	1661	-	14444	8	2	4	21	-	8.69	V
2	15	piano 1	1-3	4	3.0	Ini	2.5	0.00	0	2566	-	17395	8	2	6	30	-	6.78	V
						Med	2.5	0.00	0	1970	-	11241	8	2	20	60	-	5.71	V
						fin	2.5	0.00	0	3234	-	17395	8	2	6	30	-	5.38	V
3	16	piano 1	7-1	5	3.0	Ini	2.5	0.00	0	355	-	11166	8	2	13	30	-	31.45	V
						Med	2.5	0.00	0	710	-	15953	8	2	4	30	-	22.47	V
4	17	piano 1	1-13	5	3.0	Ini	1.8	0.00	22485	183	23142	20421	8	2	4	30	1.03	111.78	V
5	18	piano 1	2-4	4	3.0	Ini	2.5	0.00	0	2571	-	17396	8	2	6	30	-	6.77	V
						Med	2.5	0.00	0	1981	-	11241	8	2	20	60	-	5.68	V
						fin	2.5	0.00	0	3249	-	17396	8	2	6	30	-	5.35	V
6	19	piano 1	2-8	5	3.0	Ini	2.5	0.00	0	710	-	15953	8	2	4	30	-	22.47	V
						Med	2.5	0.00	0	355	-	11166	8	2	13	30	-	31.45	V
7	20	piano 1	2-14	5	3.0	Ini	1.8	0.00	22472	183	23135	20415	8	2	4	30	1.03	111.74	V
8	21	piano 1	3-5	4	3.0	Ini	2.5	0.00	0	7433	-	17093	8	2	6	39	-	2.30	V
9	22	piano 1	4-6	4	3.0	Ini	2.5	0.00	0	7384	-	17094	8	2	6	39	-	2.32	V
10	23	piano 1	5-6	5	3.0	Ini	2.5	0.00	0	2916	-	14773	8	2	4	21	-	5.07	V
						Med	2.5	0.00	0	2423	-	11166	8	2	13	197	-	4.61	V
						fin	2.5	0.00	0	2896	-	14773	8	2	4	21	-	5.10	V
11	24	piano 1	9-5	5	3.0	Ini	2.5	0.00	0	1290	-	11166	8	2	13	55	-	8.66	V
						Med	2.5	0.00	0	1689	-	17296	8	2	4	21	-	10.24	V
12	25	piano 1	6-10	5	3.0	Ini	2.5	0.00	0	1689	-	17293	8	2	4	21	-	10.24	V
						Med	2.5	0.00	0	1222	-	11166	8	2	13	55	-	9.14	V

**4.6.2.1.3 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(θ) : cotangente dell'angolo θ;  
 A<sub>Sag</sub> : area del singolo sagomato;

**Tagli Sollecitanti:**

V<sub>SdXZ</sub> : 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<sub>SdXY</sub> : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare  $V_{Sd} = V_{(CV)} + V_{Ed}$ ;  
 $V_{Ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / 1_p$ );  
 $\gamma_{Rd} = 1.1$ ;  
 Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

**Tagli Resistenti:**

V<sub>RdXZ</sub> : valore del Taglio X-Z resistente di calcolo;  
 V<sub>RdXY</sub> : valore del Taglio X-Y resistente di calcolo;

φ : diametro della staffa;  
 N<sub>br</sub> : numero di bracci di cui è composta la staffa;  
 D<sub>Staffe</sub> : interasse tra le staffe;  
 L<sub>TR</sub> : lunghezza dei tratti per cui si ha D<sub>staffe</sub>;  
 S<sub>XY</sub> : coefficiente di sicurezza relativo a V<sub>SdXY</sub>  
 S<sub>XZ</sub> : coefficiente di sicurezza relativo a V<sub>SdXZ</sub>  
 Esito : Esito della verifica : V = VERIFICATA;  
 : NV = NON VERIFICATA;  
 : NV\_min = Minimi di normativa non rispettati;

**Tabella 95.II**

Camp.	Asta	Imp.	Fili	Tipo Sez.	Cop. [cm]	Blocco	cot(θ)	A <sub>Sag</sub> [cm²]	Tagli Sollecitanti		Tagli Resistenti		φ [mm]	N <sub>br</sub>	D <sub>Staffe</sub> [cm]	L <sub>tr</sub> [cm]	S <sub>XY</sub>	S <sub>XZ</sub>	Esito
									V <sub>SdXY</sub> [daN]	V <sub>SdXZ</sub> [daN]	V <sub>Rdxy</sub> [daN]	V <sub>RdXZ</sub> [daN]							
1	14	piano 1	1-2	5	3.0	Ini	2.5	0.00	5	1270	-	12574	8	2	4	21	-	9.90	V
						Med	2.5	0.00	5	1053	-	4420	8	2	13	238	-	4.20	V
						fin	2.5	0.00	5	1271	-	12574	8	2	4	21	-	9.89	V
2	15	piano 1	1-3	4	3.0	Ini	2.5	0.00	468	1756	-	15536	8	2	6	30	-	8.85	V
						Med	2.5	0.00	468	1637	-	7023	8	2	20	60	-	4.29	V
						fin	2.5	0.00	468	2424	-	15536	8	2	6	30	-	6.41	V
3	16	piano 1	7-1	5	3.0	Ini	2.5	0.00	1936	210	-	9174	8	2	13	30	-	43.76	V
						Med	2.5	0.00	1936	396	-	17328	8	2	4	30	-	43.75	V
						fin	2.5	0.00	1936	396	-	17328	8	2	4	30	-	43.75	V
4	17	piano 1	1-13	5	3.0	Ini	1.8	0.00	22273	112	41754	21893	8	2	4	30	1.87	195.57	V
						Med	2.5	0.00	467	1755	-	15536	8	2	6	30	-	8.85	V
						fin	2.5	0.00	467	1645	-	7023	8	2	20	60	-	4.27	V
5	18	piano 1	2-4	4	3.0	Ini	2.5	0.00	467	2433	-	15536	8	2	6	30	-	6.39	V
						Med	2.5	0.00	467	2433	-	15536	8	2	6	30	-	6.39	V
						fin	2.5	0.00	467	2433	-	15536	8	2	6	30	-	6.39	V
6	19	piano 1	2-8	5	3.0	Ini	2.5	0.00	1933	396	-	17330	8	2	4	30	-	43.74	V
						Med	2.5	0.00	1933	163	-	9175	8	2	13	30	-	56.24	V
						fin	2.5	0.00	1933	163	-	9175	8	2	13	30	-	56.24	V
7	20	piano 1	2-14	5	3.0	Ini	1.8	0.00	22285	112	41739	21885	8	2	4	30	1.87	195.48	V
						Med	2.5	0.00	2503	4544	-	16829	8	2	6	39	-	3.70	V
						fin	2.5	0.00	2503	4510	-	16832	8	2	6	39	-	3.73	V
8	21	piano 1	3-5	4	3.0	Ini	2.5	0.00	47	2291	-	12726	8	2	4	21	-	5.56	V
						Med	2.5	0.00	47	1942	-	4572	8	2	13	197	-	2.35	V
						fin	2.5	0.00	47	2288	-	12726	8	2	4	21	-	5.56	V
9	22	piano 1	4-6	4	3.0	Ini	2.5	0.00	3456	589	-	9578	8	2	13	55	-	16.25	V
						Med	2.5	0.00	3456	894	-	17733	8	2	4	21	-	19.84	V
						fin	2.5	0.00	3456	894	-	17733	8	2	4	21	-	19.84	V
10	23	piano 1	5-6	5	3.0	Ini	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
						Med	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
						fin	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
11	24	piano 1	9-5	5	3.0	Ini	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
						Med	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
						fin	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
12	25	piano 1	6-10	5	3.0	Ini	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
						Med	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V
						fin	2.5	0.00	3451	894	-	17732	8	2	4	21	-	19.84	V

**4.6.2.1.4 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 96.I

Campata	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb.	L <sub>c</sub> [cm]	f/l	f <sub>lim</sub>	S	Esito
1	14	piano 1	1-2	5	3.0	Caratt.	310	0.00010	0.00200	20.00	V
						Freq.	310	0.00010	0.00200	20.00	V
						QPerm.	310	0.00010	0.00200	20.00	V
2	15	piano 1	1-3	4	3.0	Caratt.	150	0.00010	0.00200	20.00	V
						Freq.	150	0.00010	0.00200	20.00	V
						QPerm.	150	0.00010	0.00200	20.00	V
3	16	piano 1	7-1	5	3.0	Caratt.	75	0.00010	0.00200	20.00	V
						Freq.	75	0.00010	0.00200	20.00	V
						QPerm.	75	0.00010	0.00200	20.00	V
4	17	piano 1	1-13	5	3.0	Caratt.	45	0.00010	0.00200	20.00	V
						Freq.	45	0.00010	0.00200	20.00	V
						QPerm.	45	0.00010	0.00200	20.00	V
5	18	piano 1	2-4	4	3.0	Caratt.	150	0.00010	0.00200	20.00	V
						Freq.	150	0.00010	0.00200	20.00	V
						QPerm.	150	0.00010	0.00200	20.00	V
6	19	piano 1	2-8	5	3.0	Caratt.	75	0.00010	0.00200	20.00	V
						Freq.	75	0.00010	0.00200	20.00	V
						QPerm.	75	0.00010	0.00200	20.00	V
7	20	piano 1	2-14	5	3.0	Caratt.	45	0.00010	0.00200	20.00	V
						Freq.	45	0.00010	0.00200	20.00	V
						QPerm.	45	0.00010	0.00200	20.00	V
8	21	piano 1	3-5	4	3.0	Caratt.	79	0.00010	0.00200	20.00	V
						Freq.	79	0.00010	0.00200	20.00	V
						QPerm.	79	0.00010	0.00200	20.00	V
9	22	piano 1	4-6	4	3.0	Caratt.	79	0.00010	0.00200	20.00	V
						Freq.	79	0.00010	0.00200	20.00	V
						QPerm.	79	0.00010	0.00200	20.00	V
10	23	piano 1	5-6	5	3.0	Caratt.	273	0.00010	0.00200	20.00	V
						Freq.	273	0.00010	0.00200	20.00	V
						QPerm.	273	0.00010	0.00200	20.00	V
11	24	piano 1	9-5	5	3.0	Caratt.	93	0.00010	0.00200	20.00	V
						Freq.	93	0.00010	0.00200	20.00	V
						QPerm.	93	0.00010	0.00200	20.00	V
12	25	piano 1	6-10	5	3.0	Caratt.	93	0.00010	0.00200	20.00	V
						Freq.	93	0.00010	0.00200	20.00	V
						QPerm.	93	0.00010	0.00200	20.00	V

Tabella 97.I

#### 4.6.2.1.6 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:

$\sigma_c$  : tensioni d'esercizio del calcestruzzo;  
 $\sigma_s$  : 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 98.I

								Azioni Sollecitanti			Tensioni		Tensioni Limite				
Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	N <sub>sd</sub> [daN]	M <sub>sdz</sub> [daNm]	M <sub>sdxy</sub> [daNm]	σ <sub>c</sub> [daN/cm²]	σ <sub>s</sub> [daN/cm²]	σ <sub>c,lim</sub> [daN/cm²]	σ <sub>s,lim</sub> [daN/cm²]	S	Esito	
1	14	piano 1	1-2	5	3.0	Caratt.	0	0	-483	-	28.10	-836.66	150.00	3600.00	4.30	V	
							245	0	-124	-	7.20	-214.31	150.00	3600.00	16.80	V	
							310	0	-484	-	28.19	-839.10	150.00	3600.00	4.29	V	
							Q.Perm	0	0	-351	-	20.46	-609.12	112.50	3600.00	5.50	V
								245	0	-86	-	5.00	-148.74	112.50	3600.00	22.52	V
								310	0	-352	-	20.53	-611.05	112.50	3600.00	5.48	V
2	15	piano 1	1-3	4	3.0	Caratt.	0	0	173	-	5.52	-191.27	150.00	3600.00	18.82	V	
							15	0	286	-	9.13	-316.42	150.00	3600.00	11.38	V	
							150	0	-417	-	13.30	-460.68	150.00	3600.00	7.81	V	
							Q.Perm	0	0	108	-	3.43	-118.92	112.50	3600.00	30.27	V
								15	0	195	-	6.23	-215.84	112.50	3600.00	16.68	V
								150	0	-293	-	9.36	-324.23	112.50	3600.00	11.10	V
3	16	piano 1	7-1	5	3.0	Caratt.	0	0	0	-	0.00	0.00	150.00	3600.00	-	V	
							53	0	-115	-	6.73	-200.23	150.00	3600.00	17.98	V	
							75	0	-151	-	8.78	-261.51	150.00	3600.00	13.77	V	
							Q.Perm	0	0	0	-	0.00	0.00	112.50	3600.00	-	V
								53	0	-86	-	4.99	-148.52	112.50	3600.00	22.55	V
								75	0	-112	-	6.52	-193.98	112.50	3600.00	17.27	V
4	17	piano 1	1-13	5	3.0	Caratt.	0	0	-20	-	1.14	-33.87	150.00	3600.00	106.30	V	
							4	0	-15	-	0.87	-25.92	150.00	3600.00	138.87	V	
							45	0	0	-	0.00	0.00	150.00	3600.00	-	V	
							Q.Perm	0	0	-16	-	0.93	-27.62	112.50	3600.00	121.25	V
								4	0	-12	-	0.71	-21.15	112.50	3600.00	158.32	V
								45	0	0	-	0.00	0.00	112.50	3600.00	-	V
5	18	piano 1	2-4	4	3.0	Caratt.	0	0	174	-	5.57	-192.96	150.00	3600.00	18.66	V	
							15	0	287	-	9.15	-317.00	150.00	3600.00	11.36	V	
							150	0	-423	-	13.51	-467.97	150.00	3600.00	7.69	V	
							Q.Perm	0	0	109	-	3.47	-120.05	112.50	3600.00	29.99	V
								15	0	195	-	6.24	-216.15	112.50	3600.00	16.65	V
								150	0	-298	-	9.52	-329.71	112.50	3600.00	10.92	V
6	19	piano 1	2-8	5	3.0	Caratt.	0	0	-151	-	8.78	-261.51	150.00	3600.00	13.77	V	
							8	0	-115	-	6.73	-200.23	150.00	3600.00	17.98	V	
							75	0	0	-	0.00	0.00	150.00	3600.00	-	V	
							Q.Perm	0	0	-112	-	6.52	-193.98	112.50	3600.00	17.27	V
								8	0	-86	-	4.99	-148.52	112.50	3600.00	22.55	V
								75	0	0	-	0.00	0.00	112.50	3600.00	-	V
7	20	piano 1	2-14	5	3.0	Caratt.	0	0	-20	-	1.14	-33.87	150.00	3600.00	106.30	V	
							4	0	-15	-	0.87	-25.92	150.00	3600.00	138.87	V	
							45	0	0	-	0.00	0.00	150.00	3600.00	-	V	
							Q.Perm	0	0	-16	-	0.93	-27.62	112.50	3600.00	121.25	V
								4	0	-12	-	0.71	-21.15	112.50	3600.00	158.32	V
								45	0	0	-	0.00	0.00	112.50	3600.00	-	V
8	21	piano 1	3-5	4	3.0	Caratt.	0	0	-465	-	14.85	-514.48	150.00	3600.00	7.00	V	
							34	0	-835	-	26.65	-923.27	150.00	3600.00	3.90	V	
							79	0	-947	-	30.22	-1046.99	150.00	3600.00	3.44	V	
							Q.Perm	0	0	-335	-	10.70	-370.71	112.50	3600.00	9.71	V
								34	0	-561	-	17.90	-619.95	112.50	3600.00	5.81	V
								79	0	-637	-	20.32	-703.92	112.50	3600.00	5.11	V
9	22	piano 1	4-6	4	3.0	Caratt.	0	0	-472	-	15.06	-521.62	150.00	3600.00	6.90	V	
							34	0	-827	-	26.40	-914.58	150.00	3600.00	3.94	V	
							79	0	-937	-	29.91	-1036.17	150.00	3600.00	3.47	V	
							Q.Perm	0	0	-340	-	10.84	-375.48	112.50	3600.00	9.59	V
								34	0	-554	-	17.70	-612.96	112.50	3600.00	5.87	V
								79	0	-629	-	20.07	-695.26	112.50	3600.00	5.18	V
10	23	piano 1	5-6	5	3.0	Caratt.	0	0	-823	-	47.95	-1427.38	150.00	3600.00	2.52	V	
							30	0	-265	-	15.43	-459.46	150.00	3600.00	7.84	V	

							273	0	-809	-	47.15	-1403.66	150.00	3600.00	2.56	V
						Q.Perm	0	0	-548	-	31.93	-950.72	112.50	3600.00	3.52	V
							30	0	-171	-	9.98	-297.19	112.50	3600.00	11.27	V
							273	0	-544	-	31.70	-943.87	112.50	3600.00	3.55	V
<b>11</b>	24	piano 1	9-5	5	3.0	Caratt.	0	0	0	-	0.00	0.00	150.00	3600.00	-	V
							66	0	-329	-	19.18	-570.94	150.00	3600.00	6.31	V
							93	0	-430	-	25.05	-745.73	150.00	3600.00	4.83	V
						Q.Perm	0	0	0	-	0.00	0.00	112.50	3600.00	-	V
							66	0	-223	-	13.02	-387.50	112.50	3600.00	8.64	V
							93	0	-292	-	17.00	-506.10	112.50	3600.00	6.62	V
<b>12</b>	25	piano 1	6-10	5	3.0	Caratt.	0	0	-430	-	25.05	-745.73	150.00	3600.00	4.83	V
							9	0	-329	-	19.18	-570.94	150.00	3600.00	6.31	V
							93	0	0	-	0.00	0.00	150.00	3600.00	-	V
						Q.Perm	0	0	-292	-	17.00	-506.10	112.50	3600.00	6.62	V
							9	0	-223	-	13.02	-387.50	112.50	3600.00	8.64	V
							93	0	0	-	0.00	0.00	112.50	3600.00	-	V

#### 4.6.2.1.7 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 99.I

							93	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
<b>1</b>	14	piano 1	1-2	5	3.0	Freq	0	-389	0.00	0.40	-	V
							245	-96	0.00	0.40	-	V
							310	-390	0.00	0.40	-	V
						Q.Perm	0	-351	0.00	0.30	-	V
							245	-86	0.00	0.30	-	V
							310	-352	0.00	0.30	-	V
<b>2</b>	15	piano 1	1-3	4	3.0	Freq	0	125	0.00	0.40	-	V
							15	220	0.00	0.40	-	V
							150	-329	0.00	0.40	-	V
						Q.Perm	0	108	0.00	0.30	-	V
							15	195	0.00	0.30	-	V
							150	-293	0.00	0.30	-	V
<b>3</b>	16	piano 1	7-1	5	3.0	Freq	0	0	0.00	0.40	-	V
							53	-95	0.00	0.40	-	V
							75	-124	0.00	0.40	-	V
						Q.Perm	0	0	0.00	0.30	-	V
							53	-86	0.00	0.30	-	V
							75	-112	0.00	0.30	-	V
<b>4</b>	17	piano 1	1-13	5	3.0	Freq	0	-17	0.00	0.40	-	V
							4	-13	0.00	0.40	-	V
							45	0	0.00	0.40	-	V
						Q.Perm	0	-16	0.00	0.30	-	V
							4	-12	0.00	0.30	-	V
							45	0	0.00	0.30	-	V
<b>5</b>	18	piano 1	2-4	4	3.0	Freq	0	126	0.00	0.40	-	V
							15	220	0.00	0.40	-	V
							150	-335	0.00	0.40	-	V
						Q.Perm	0	109	0.00	0.30	-	V
							15	195	0.00	0.30	-	V
							150	-298	0.00	0.30	-	V

6	19	piano 1	2-8	5	3.0	Freq	0	-124	0.00	0.40	-	V
							8	-95	0.00	0.40	-	V
							75	0	0.00	0.40	-	V
						Q.Perm	0	-112	0.00	0.30	-	V
							8	-86	0.00	0.30	-	V
							75	0	0.00	0.30	-	V
7	20	piano 1	2-14	5	3.0	Freq	0	-17	0.00	0.40	-	V
							4	-13	0.00	0.40	-	V
							45	0	0.00	0.40	-	V
						Q.Perm	0	-16	0.00	0.30	-	V
							4	-12	0.00	0.30	-	V
							45	0	0.00	0.30	-	V
8	21	piano 1	3-5	4	3.0	Freq	0	-373	0.00	0.40	-	V
							34	-649	0.00	0.40	-	V
							79	-737	0.00	0.40	-	V
						Q.Perm	0	-335	0.00	0.30	-	V
							34	-561	0.00	0.30	-	V
							79	-637	0.00	0.30	-	V
9	22	piano 1	4-6	4	3.0	Freq	0	-377	0.00	0.40	-	V
							34	-642	0.00	0.40	-	V
							79	-728	0.00	0.40	-	V
						Q.Perm	0	-340	0.00	0.30	-	V
							34	-554	0.00	0.30	-	V
							79	-629	0.00	0.30	-	V
10	23	piano 1	5-6	5	3.0	Freq	0	-628	0.00	0.40	-	V
							30	-196	0.00	0.40	-	V
							273	-624	0.00	0.40	-	V
						Q.Perm	0	-548	0.00	0.30	-	V
							30	-171	0.00	0.30	-	V
							273	-544	0.00	0.30	-	V
11	24	piano 1	9-5	5	3.0	Freq	0	0	0.00	0.40	-	V
							66	-256	0.00	0.40	-	V
							93	-335	0.00	0.40	-	V
						Q.Perm	0	0	0.00	0.30	-	V
							66	-223	0.00	0.30	-	V
							93	-292	0.00	0.30	-	V
12	25	piano 1	6-10	5	3.0	Freq	0	-335	0.00	0.40	-	V
							9	-256	0.00	0.40	-	V
							93	0	0.00	0.40	-	V
						Q.Perm	0	-292	0.00	0.30	-	V
							9	-223	0.00	0.30	-	V
							93	0	0.00	0.30	-	V

#### 4.6.3 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.

##### 4.6.3.1 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;  
 $\epsilon_{c2}$  : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;  
 $\epsilon_{cu2}$  : 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;

$\epsilon_{Cl}$  : deformazione massima del calcestruzzo compresso  
 $\epsilon_{acc}$  : 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 100.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Azioni Sollecitanti										Azioni Resistenti					C	S	Esito
					$\epsilon_{cu}$ [%]	$\epsilon_{cu2}$ [%]	X [cm]	Cop [cm]	$A_{sup}$ [cm <sup>2</sup> ]	$A_{inf}$ [cm <sup>2</sup> ]	$A_n$ [cm <sup>2</sup> ]	$N_{sd}$ [daN]	$M_{sdXZ}$ [daNm]	$M_{sdXY}$ [daNm]	$\epsilon_{cls}$ [%]	$\epsilon_{acc}$ [%]	$N_{rd}$ [daN]	$M_{rdXZ}$ [daNm]	$M_{rdXY}$ [daNm]			
13	1	fondazione	1-2	3	2.00	3.50	0	3.0	4.02	4.02	8.04	0	1150	-	0.86	1.86	1	3501	-	2	3.05	V
					2.00	3.50	35	3.0	4.02	4.02	8.04	0	406	-	0.86	1.86	1	3501	-	2	8.62	V
					2.00	3.50	310	3.0	4.02	4.02	8.04	0	1129	-	0.86	1.86	1	3501	-	2	3.10	V
14	5	fondazione	1-3	3	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-774	-	0.86	1.86	1	-3501	-	2	4.52	V
					2.00	3.50	105	3.0	4.02	4.02	8.04	0	-639	-	0.86	1.86	1	-3501	-	2	5.48	V
					2.00	3.50	150	3.0	4.02	4.02	8.04	0	-1135	-	0.86	1.86	1	-3501	-	2	3.08	V
15	7	fondazione	2-4	3	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-669	-	0.86	1.86	1	-3501	-	2	5.23	V
					2.00	3.50	105	3.0	4.02	4.02	8.04	0	-614	-	0.86	1.86	1	-3501	-	2	5.70	V
					2.00	3.50	150	3.0	4.02	4.02	8.04	0	-1097	-	0.86	1.86	1	-3501	-	2	3.19	V
16	9	fondazione	3-5	3	2.00	3.50	0	3.0	4.02	4.02	8.04	0	506	-	0.86	1.86	1	3501	-	2	6.91	V
					2.00	3.50	19	3.0	4.02	4.02	8.04	0	416	-	0.86	1.86	1	3501	-	2	8.42	V
					2.00	3.50	79	3.0	4.02	4.02	8.04	0	522	-	0.86	1.86	1	3501	-	2	6.70	V
17	10	fondazione	4-6	3	2.00	3.50	0	3.0	4.02	4.02	8.04	0	-639	-	0.86	1.86	1	-3501	-	2	5.48	V
					2.00	3.50	5	3.0	4.02	4.02	8.04	0	452	-	0.86	1.86	1	3501	-	2	7.75	V
					2.00	3.50	79	3.0	4.02	4.02	8.04	0	470	-	0.86	1.86	1	3501	-	2	7.45	V
18	11	fondazione	5-6	3	2.00	3.50	0	3.0	4.02	4.02	8.04	0	1094	-	0.86	1.86	1	3501	-	2	3.20	V
					2.00	3.50	209	3.0	4.02	4.02	8.04	0	559	-	0.86	1.86	1	3501	-	2	6.26	V
					2.00	3.50	273	3.0	4.02	4.02	8.04	0	1153	-	0.86	1.86	1	3501	-	2	3.04	V

#### 4.6.3.2 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( $\theta$ ) : cotangente dell'angolo  $\theta$ ;  
 $A_{Sag}$  : area del singolo sagomato;

Tagli Sollecitanti:

$V_{SdXZ}$  : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare  $V_{sd} = V_{(CV)} + V_{Ed}$  ;  
 $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{Inf}) / l_p$ );  
 $V_{SdXY}$  : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare  $V_{sd} = V_{(CV)} + V_{Ed}$  ;  
 $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{Inf}) / l_p$ );  
 $\gamma_{Rd} = 1.1$ ;  
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;

$\phi$  : 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 101.I

Camp.	Asta	Imp.	Fili	Tipo Sez.	Cop. [cm]	Blocco	cot(θ)	A <sub>sag</sub> [cm²]	Tagli Sollecitanti		Tagli Resistenti		$\phi$ [mm]	N <sub>br</sub>	D <sub>Staffe</sub> [cm]	L <sub>tr</sub> [cm]	S <sub>XY</sub>	S <sub>XZ</sub>	Esito
									V <sub>sdXY</sub> [daN]	V <sub>sdXZ</sub> [daN]	V <sub>rdxy</sub> [daN]	V <sub>rdxz</sub> [daN]							
13	1	fondazione	1-2	3	3.0	Ini	2.5	0.00	0	1434	-	11241	8	2	20	280	-	7.84	V
14	5	fondazione	1-3	3	3.0	Ini	2.5	0.00	0	1608	-	11241	8	2	20	120	-	6.99	V
15	7	fondazione	2-4	3	3.0	Ini	2.5	0.00	0	1576	-	11241	8	2	20	120	-	7.13	V
16	9	fondazione	3-5	3	3.0	Ini	2.5	0.00	0	877	-	11241	8	2	20	39	-	12.82	V
17	10	fondazione	4-6	3	3.0	Ini	2.5	0.00	0	1181	-	11241	8	2	20	39	-	9.52	V
18	11	fondazione	5-6	3	3.0	Ini	2.5	0.00	0	1331	-	11241	8	2	20	239	-	8.44	V

#### 4.6.3.3 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:

$\sigma_c$  : tensioni d'esercizio del calcestruzzo;

$\sigma_s$  : 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 102.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	Azioni Sollecitanti			Tensioni		Tensioni Limite		S	Esito
								N <sub>sd</sub> [daN]	M <sub>sdxz</sub> [daNm]	M <sub>sdxy</sub> [daNm]	$\sigma_c$ [daN/cm²]	$\sigma_s$ [daN/cm²]	$\sigma_{c,lim}$ [daN/cm²]	$\sigma_{s,lim}$ [daN/cm²]		
13	1	fondazione	1-2	3	3.0	Caratt.	0	0	80	-	2.56	-88.68	150.00	3600.00	40.60	V
							35	0	-20	-	0.64	-22.13	150.00	3600.00	162.69	V
							310	0	119	-	3.80	-131.69	150.00	3600.00	27.34	V
						Q.Perm	0	0	64	-	2.05	-70.92	112.50	3600.00	50.76	V
							35	0	5	-	0.16	-5.40	112.50	3600.00	667.0	V

							310	0	90	-	2.86	-99.24	112.50	3600.00	9	V
14	5	fondazione	1-3	3	3.0	Caratt.	0	0	-55	-	1.74	-60.44	150.00	3600.00	59.57	V
							105	0	-171	-	5.47	-189.63	150.00	3600.00	18.98	V
							150	0	-197	-	6.30	-218.18	150.00	3600.00	16.50	V
						Q.Perm	0	0	-17	-	0.55	-19.15	112.50	3600.00	187.95	V
							105	0	-122	-	3.89	-134.83	112.50	3600.00	26.70	V
							150	0	-142	-	4.54	-157.22	112.50	3600.00	22.90	V
15	7	fondazione	2-4	3	3.0	Caratt.	0	0	-36	-	1.13	-39.31	150.00	3600.00	91.57	V
							105	0	-166	-	5.31	-184.04	150.00	3600.00	19.56	V
							150	0	-190	-	6.06	-210.01	150.00	3600.00	17.14	V
						Q.Perm	0	0	-4	-	0.14	-4.70	112.50	3600.00	765.97	V
							105	0	-118	-	3.77	-130.47	112.50	3600.00	27.59	V
							150	0	-136	-	4.35	-150.65	112.50	3600.00	23.90	V
16	9	fondazione	3-5	3	3.0	Caratt.	0	0	27	-	0.86	-29.77	150.00	3600.00	120.93	V
							19	0	91	-	2.90	-100.56	150.00	3600.00	35.80	V
							79	0	135	-	4.30	-149.06	150.00	3600.00	24.15	V
						Q.Perm	0	0	8	-	0.26	-9.06	112.50	3600.00	397.48	V
							19	0	65	-	2.07	-71.69	112.50	3600.00	50.21	V
							79	0	83	-	2.65	-91.72	112.50	3600.00	39.25	V
17	10	fondazione	4-6	3	3.0	Caratt.	0	0	-36	-	1.15	-39.78	150.00	3600.00	90.50	V
							5	0	22	-	0.69	-24.04	150.00	3600.00	149.74	V
							79	0	154	-	4.92	-170.37	150.00	3600.00	21.13	V
						Q.Perm	0	0	-19	-	0.60	-20.64	112.50	3600.00	174.46	V
							5	0	5	-	0.15	-5.11	112.50	3600.00	704.63	V
							79	0	100	-	3.19	-110.38	112.50	3600.00	32.62	V
18	11	fondazione	5-6	3	3.0	Caratt.	0	0	117	-	3.73	-129.10	150.00	3600.00	27.89	V
							209	0	54	-	1.72	-59.42	150.00	3600.00	60.59	V
							273	0	132	-	4.22	-146.25	150.00	3600.00	24.62	V
						Q.Perm	0	0	70	-	2.24	-77.68	112.50	3600.00	46.35	V
							209	0	43	-	1.38	-47.66	112.50	3600.00	75.53	V
							273	0	81	-	2.60	-90.09	112.50	3600.00	39.96	V

#### 4.6.3.4 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 103.I

							273	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
13	1	fondazione	1-2	3	3.0	Freq	0	68	0.00	0.40	-	V
							35	7	0.00	0.40	-	V
							310	97	0.00	0.40	-	V
						Q.Perm	0	64	0.00	0.30	-	V
							35	5	0.00	0.30	-	V
							310	90	0.00	0.30	-	V
14	5	fondazione	1-3	3	3.0	Freq	0	-22	0.00	0.40	-	V
							105	-137	0.00	0.40	-	V
							150	-160	0.00	0.40	-	V
						Q.Perm	0	-17	0.00	0.30	-	V
							105	-122	0.00	0.30	-	V



							150	-142	0.00	0.30	-	V
15	7	fondazion e	2-4	3	3.0	Freq	0	-7	0.00	0.40	-	V
							105	-133	0.00	0.40	-	V
							150	-153	0.00	0.40	-	V
						Q.Perm	0	-4	0.00	0.30	-	V
							105	-118	0.00	0.30	-	V
							150	-136	0.00	0.30	-	V
16	9	fondazion e	3-5	3	3.0	Freq	0	12	0.00	0.40	-	V
							19	72	0.00	0.40	-	V
							79	98	0.00	0.40	-	V
						Q.Perm	0	8	0.00	0.30	-	V
							19	65	0.00	0.30	-	V
							79	83	0.00	0.30	-	V
17	10	fondazion e	4-6	3	3.0	Freq	0	-22	0.00	0.40	-	V
							5	8	0.00	0.40	-	V
							79	115	0.00	0.40	-	V
						Q.Perm	0	-19	0.00	0.30	-	V
							5	5	0.00	0.30	-	V
							79	100	0.00	0.30	-	V
18	11	fondazion e	5-6	3	3.0	Freq	0	83	0.00	0.40	-	V
							209	45	0.00	0.40	-	V
							273	96	0.00	0.40	-	V
						Q.Perm	0	70	0.00	0.30	-	V
							209	43	0.00	0.30	-	V
							273	81	0.00	0.30	-	V

## 4.7 Verifica Stati Limite di Danno.

### 4.7.1 Involuppi 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'involuppo.  
Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.  
CMax : combinazione massima di appartenenza del valore considerato nell'involuppo.  
CMin : combinazione minima di appartenenza del valore considerato nell'involuppo.

Tabella 104.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	0.021	-0.023	0.025	-0.025	-0.020	-0.104	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
2	0.023	-0.021	0.024	-0.025	-0.020	-0.104	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
3	0.018	-0.019	0.025	-0.024	-0.043	-0.082	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
4	0.019	-0.018	0.025	-0.024	-0.044	-0.081	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
5	0.018	-0.019	0.026	-0.025	-0.031	-0.097	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
6	0.019	-0.018	0.025	-0.025	-0.031	-0.097	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
7	0.023	-0.023	0.022	-0.022	-0.008	-0.122	3.4E-4	-3.3E-4	1.6E-4	-1.9E-4	5.4E-7	-5.4E-7
8	0.023	-0.023	0.022	-0.022	-0.008	-0.122	3.4E-4	-3.3E-4	1.8E-4	-1.6E-4	1.4E-7	-1.4E-7
9	0.022	-0.022	0.022	-0.022	-0.013	-0.115	2.6E-4	-3.1E-4	1.6E-4	-1.8E-4	1.6E-7	-1.6E-7
10	0.022	-0.022	0.022	-0.022	-0.013	-0.115	2.6E-4	-3.1E-4	1.7E-4	-1.6E-4	4.5E-7	-4.5E-7

11	0.020	-0.020	0.021	-0.021	-0.020	-0.104	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
12	0.020	-0.020	0.021	-0.021	-0.020	-0.104	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
13	0.016	-0.016	0.021	-0.021	-0.043	-0.082	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
14	0.016	-0.016	0.021	-0.021	-0.044	-0.081	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
15	0.016	-0.016	0.021	-0.021	-0.031	-0.097	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
16	0.016	-0.016	0.021	-0.021	-0.031	-0.097	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
17	0.015	-0.015	0.021	-0.021	-0.012	-0.116	3.0E-4	-3.1E-4	2.0E-4	-1.5E-4	5.8E-7	-5.8E-7
18	0.015	-0.015	0.019	-0.019	-0.018	-0.105	3.3E-4	-2.9E-4	1.5E-4	-8.5E-5	1.0E-7	-1.0E-7
19	0.015	-0.015	0.019	-0.019	-0.018	-0.105	3.2E-4	-2.8E-4	7.6E-5	-1.5E-4	3.5E-7	-3.5E-7
20	0.015	-0.015	0.021	-0.021	-0.013	-0.116	3.3E-4	-3.2E-4	1.6E-4	-2.1E-4	9.1E-7	-9.1E-7
21	0.023	-0.023	0.022	-0.022	-0.028	-0.100	3.3E-4	-3.1E-4	1.7E-4	-1.4E-4	5.1E-8	-5.1E-8
22	0.023	-0.023	0.022	-0.022	-0.029	-0.097	2.9E-4	-2.7E-4	1.6E-4	-1.9E-4	1.6E-7	-1.6E-7
23	0.020	-0.020	0.021	-0.021	-0.016	-0.106	2.8E-4	-3.2E-4	1.3E-4	-2.4E-4	2.5E-7	-2.5E-7
24	0.020	-0.020	0.019	-0.019	-0.020	-0.094	2.3E-4	-2.5E-4	4.8E-5	-1.2E-4	4.8E-7	-4.8E-7
25	0.020	-0.020	0.019	-0.019	-0.019	-0.094	2.3E-4	-2.6E-4	1.1E-4	-4.6E-5	1.5E-7	-1.5E-7
26	0.020	-0.020	0.021	-0.021	-0.016	-0.106	2.8E-4	-3.2E-4	2.3E-4	-1.2E-4	3.5E-7	-3.5E-7
27	0.023	-0.023	0.022	-0.022	-0.029	-0.097	2.8E-4	-2.8E-4	1.9E-4	-1.5E-4	7.5E-7	-7.5E-7
28	0.023	-0.023	0.022	-0.022	-0.028	-0.100	3.4E-4	-3.0E-4	1.6E-4	-1.6E-4	2.4E-7	-2.4E-7
29	0.020	-0.020	0.020	-0.020	-0.022	-0.094	2.4E-4	-2.7E-4	1.5E-4	-5.5E-5	3.4E-5	-3.3E-5
30	0.020	-0.020	0.018	-0.018	-0.024	-0.088	2.3E-4	-2.4E-4	6.8E-5	-6.5E-5	3.4E-5	-3.4E-5
31	0.020	-0.020	0.020	-0.020	-0.022	-0.093	2.4E-4	-2.7E-4	5.7E-5	-1.6E-4	3.3E-5	-3.4E-5
32	0.018	-0.018	0.021	-0.021	-0.039	-0.083	2.5E-4	-2.5E-4	2.0E-4	-1.2E-4	3.3E-5	-3.3E-5
33	0.018	-0.018	0.021	-0.021	-0.039	-0.082	2.5E-4	-2.5E-4	1.2E-4	-2.0E-4	3.3E-5	-3.3E-5
34	0.016	-0.016	0.019	-0.019	-0.034	-0.086	3.2E-4	-2.6E-4	1.3E-4	-5.5E-5	3.3E-5	-3.3E-5
35	0.016	-0.016	0.019	-0.019	-0.034	-0.086	3.2E-4	-2.6E-4	4.9E-5	-1.3E-4	3.3E-5	-3.3E-5
36	0.015	-0.015	0.021	-0.021	-0.022	-0.107	3.3E-4	-3.2E-4	1.5E-4	-2.1E-4	5.2E-7	-5.2E-7
37	0.019	-0.019	0.022	-0.022	-0.034	-0.090	2.8E-4	-2.7E-4	2.0E-4	-1.5E-4	1.8E-7	-1.8E-7
38	0.019	-0.019	0.022	-0.022	-0.036	-0.091	3.4E-4	-2.9E-4	1.8E-4	-1.6E-4	7.9E-7	-7.9E-7
39	0.020	-0.020	0.021	-0.021	-0.018	-0.105	2.9E-4	-3.2E-4	1.4E-4	-2.5E-4	2.5E-7	-2.5E-7
40	0.018	-0.018	0.019	-0.019	-0.041	-0.070	2.4E-4	-2.3E-4	7.9E-5	-6.0E-5	4.5E-7	-4.5E-7
41	0.016	-0.016	0.019	-0.019	-0.052	-0.063	2.9E-4	-2.3E-4	9.9E-5	-5.3E-5	3.3E-7	-3.3E-7
42	0.015	-0.015	0.019	-0.019	-0.026	-0.098	3.3E-4	-2.9E-4	8.7E-5	-1.7E-4	2.0E-7	-2.0E-7
43	0.015	-0.015	0.019	-0.019	-0.027	-0.094	3.2E-4	-2.7E-4	7.8E-5	-1.1E-4	3.3E-7	-3.3E-7
44	0.019	-0.019	0.022	-0.022	-0.024	-0.101	2.6E-4	-3.0E-4	1.8E-4	-1.4E-4	2.2E-7	-2.2E-7
45	0.018	-0.018	0.022	-0.022	-0.029	-0.101	3.4E-4	-3.1E-4	1.6E-4	-1.7E-4	8.7E-8	-8.7E-8
46	0.020	-0.020	0.020	-0.020	-0.020	-0.097	2.5E-4	-2.8E-4	7.9E-5	-1.7E-4	3.4E-7	-3.4E-7
47	0.020	-0.020	0.022	-0.022	-0.021	-0.105	2.7E-4	-3.1E-4	1.5E-4	-2.0E-4	5.5E-7	-5.5E-7
48	0.019	-0.019	0.022	-0.022	-0.027	-0.098	2.6E-4	-2.9E-4	1.5E-4	-1.9E-4	7.2E-7	-7.2E-7
49	0.018	-0.018	0.022	-0.022	-0.031	-0.098	3.5E-4	-3.1E-4	1.7E-4	-1.6E-4	9.6E-8	-9.6E-8
50	0.018	-0.018	0.022	-0.022	-0.020	-0.110	3.4E-4	-3.2E-4	1.7E-4	-1.7E-4	6.5E-7	-6.5E-7
51	0.016	-0.016	0.019	-0.019	-0.052	-0.065	2.9E-4	-2.3E-4	4.3E-5	-1.4E-4	6.5E-7	-6.5E-7
52	0.018	-0.018	0.019	-0.019	-0.041	-0.074	2.5E-4	-2.4E-4	6.4E-5	-1.5E-4	7.9E-7	-7.9E-7
53	0.018	-0.018	0.020	-0.020	-0.041	-0.075	2.5E-4	-2.4E-4	1.6E-4	-6.8E-5	6.2E-7	-6.2E-7
54	0.016	-0.016	0.020	-0.020	-0.051	-0.068	3.0E-4	-2.4E-4	1.7E-4	-5.9E-5	1.3E-7	-1.3E-7
55	0.020	-0.020	0.021	-0.021	-0.021	-0.102	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
56	0.020	-0.020	0.021	-0.021	-0.021	-0.102	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
57	0.019	-0.019	0.021	-0.021	-0.024	-0.099	2.9E-4	-3.3E-4	2.5E-4	-1.6E-4	3.4E-5	-3.4E-5
58	0.017	-0.017	0.021	-0.021	-0.044	-0.080	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
59	0.019	-0.019	0.021	-0.021	-0.024	-0.099	2.9E-4	-3.3E-4	1.6E-4	-2.5E-4	3.4E-5	-3.4E-5
60	0.017	-0.017	0.021	-0.021	-0.044	-0.080	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
61	0.016	-0.016	0.021	-0.021	-0.043	-0.083	3.4E-4	-2.7E-4	2.2E-4	-1.6E-4	3.4E-5	-3.4E-5
62	0.016	-0.016	0.021	-0.021	-0.030	-0.100	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
63	0.016	-0.016	0.021	-0.021	-0.043	-0.083	3.4E-4	-2.7E-4	1.6E-4	-2.2E-4	3.4E-5	-3.4E-5
64	0.016	-0.016	0.021	-0.021	-0.030	-0.100	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
65	0.016	-0.016	0.021	-0.021	-0.027	-0.101	3.9E-4	-3.6E-4	2.6E-4	-1.8E-4	3.5E-5	-3.4E-5
66	0.016	-0.016	0.020	-0.021	-0.028	-0.101	4.0E-4	-3.6E-4	1.9E-4	-2.6E-4	3.4E-5	-3.5E-5
67	0.312	-0.312	0.325	-0.295	-0.005	-0.125	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
68	0.312	-0.312	0.323	-0.292	-0.005	-0.125	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
69	0.310	-0.310	0.326	-0.295	-0.004	-0.124	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
70	0.311	-0.312	0.327	-0.297	-0.003	-0.123	3.2E-4	-3.7E-4	6.4E-4	-6.7E-4	1.3E-4	-1.3E-4
71	0.310	-0.310	0.335	-0.305	0.000	-0.118	3.4E-4	-2.7E-4	2.7E-4	-3.8E-4	1.3E-4	-1.3E-4
72	0.312	-0.312	0.329	-0.299	-0.003	-0.122	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
73	0.312	-0.312	0.327	-0.297	-0.003	-0.123	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
74	0.311	-0.311	0.326	-0.295	-0.002	-0.121	3.4E-4	-2.7E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
75	0.310	-0.310	0.323	-0.293	-0.004	-0.124	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
76	0.312	-0.311	0.325	-0.294	-0.003	-0.123	3.2E-4	-3.7E-4	6.6E-4	-6.4E-4	1.3E-4	-1.3E-4
77	0.312	-0.312	0.327	-0.296	-0.003	-0.122	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
78	0.310	-0.310	0.333	-0.302	0.000	-0.118	3.4E-4	-2.7E-4	3.8E-4	-2.7E-4	1.3E-4	-1.3E-4
79	0.312	-0.312	0.325	-0.294	-0.003	-0.123	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
80	0.311	-0.311	0.324	-0.292	-0.002	-0.121	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
81	0.311	-0.311	0.327	-0.297	-0.002	-0.122	3.2E-4	-3.7E-4	6.4E-4	-6.7E-4	1.3E-4	-1.3E-4
82	0.309	-0.309	0.326	-0.296	-0.004	-0.124	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4

83	0.311	-0.311	0.325	-0.294	-0.002	-0.122	3.2E-4	-3.7E-4	6.6E-4	-6.4E-4	1.3E-4	-1.3E-4
84	0.309	-0.309	0.324	-0.293	-0.004	-0.124	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
85	0.312	-0.312	0.326	-0.294	-0.005	-0.126	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
86	0.312	-0.312	0.323	-0.291	-0.006	-0.126	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
87	0.309	-0.309	0.336	-0.305	0.015	-0.147	8.0E-4	-4.1E-4	6.2E-4	-5.5E-4	1.3E-4	-1.3E-4
88	0.312	-0.312	0.330	-0.299	-0.005	-0.124	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
89	0.312	-0.312	0.328	-0.296	-0.005	-0.124	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
90	0.309	-0.309	0.333	-0.301	0.016	-0.147	8.1E-4	-4.1E-4	5.4E-4	-6.2E-4	1.3E-4	-1.3E-4
91	0.304	-0.307	0.321	-0.292	-0.004	-0.123	3.5E-4	-2.6E-4	2.4E-4	-4.0E-4	1.3E-4	-1.3E-4
92	0.307	-0.304	0.318	-0.289	-0.003	-0.123	3.4E-4	-2.6E-4	4.0E-4	-2.4E-4	1.3E-4	-1.3E-4
93	0.301	-0.302	0.323	-0.292	-0.002	-0.122	3.2E-4	-3.7E-4	6.4E-4	-6.7E-4	1.3E-4	-1.3E-4
94	0.302	-0.302	0.321	-0.289	-0.002	-0.122	3.2E-4	-3.7E-4	6.6E-4	-6.4E-4	1.3E-4	-1.3E-4
95	0.300	-0.301	0.315	-0.287	-0.004	-0.124	7.1E-4	-5.1E-4	5.4E-4	-6.1E-4	1.3E-4	-1.3E-4
96	0.302	-0.301	0.312	-0.285	-0.005	-0.125	7.1E-4	-5.1E-4	6.0E-4	-5.3E-4	1.3E-4	-1.3E-4
97	0.015	-0.015	0.019	-0.019	-0.031	-0.090	3.2E-4	-2.6E-4	1.3E-4	-5.5E-5	3.3E-5	-3.3E-5
98	0.015	-0.015	0.019	-0.019	-0.031	-0.090	3.2E-4	-2.6E-4	4.9E-5	-1.3E-4	3.3E-5	-3.3E-5

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;

$h$ : altezza dell'impalcato;

Piano : piano considerato;

ELEMENTO : tipo e numero dell'elemento considerato;

$d_{rx}$  : traslazione relativa X globale del piano considerato;

$d_{ry}$  : traslazione relativa Y globale del piano considerato;

H : altezza del piano considerato;

$d_{lim}$  : spostamento limite da normativa;

Esito : esito della verifica;

Tabella 104.II

Piano	ELEMENTO	$d_{rx}$ [cm]	$d_{ry}$ [cm]	H [cm]	$d_{lim}$ [cm]	Esito
piano 1	Pilastro N° 1	0.2840	0.2961	400.0000	2.0000	Verificato
	Pilastro N° 2	0.2841	0.2939	400.0000	2.0000	Verificato
	Pilastro N° 3	0.2827	0.2977	400.0000	2.0000	Verificato
	Pilastro N° 4	0.2831	0.2956	400.0000	2.0000	Verificato
	Pilastro N° 5	0.2825	0.2890	400.0000	2.0000	Verificato
	Pilastro N° 6	0.2831	0.2868	400.0000	2.0000	Verificato

## 4.8 Verifica Elementi Bidimensionali.

### 4.8.1 Verifica Piastre.

#### 4.8.1.1 Verifica Piastre in C.A..

##### 4.8.1.1.1 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 105.I

Piastra	Imp.	Fili	Sp. [cm]	Largh. striscia [cm]	Lungh. concio [cm]
---------	------	------	----------	----------------------	--------------------

1	fondazione	11, 12, 8, 7	30	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 105.II

Piastra	Imp.	Fili	Dir.	Diam. [mm]	Inter. intrad. [cm]	Inter. estrad. [cm]
1	fondazione	11, 12, 8, 7	X	16	25.0	25.0
			Y	16	25.0	25.0

**4.8.1.1.2 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;  
 $\epsilon_{c2}$  : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;  
 $\epsilon_{cu2}$  : deformazione ultima di contrazione del calcestruzzo;  
 Msd : momento sollecitante;  
 $\epsilon_{cls}$  : deformazione massima del calcestruzzo compresso  
 $\epsilon_{acc}$  : deformazione massima dell'armatura tesa  
 MRd : momento resistente;  
 S : Coefficiente di sicurezza;  
 Esito : Esito della verifica : V = VERIFICATA;  
 : NV = NON VERIFICATA;

Tabella 106.I

Piastra	Imp.	Fili	RCrit	Dir.	$\epsilon_{c2}$ [%]	$\epsilon_{cu2}$ [%]	Cop. sup. [cm]	Arm. sup.	Cop. inf. [cm]	Arm. inf.	Msd [daNm]	$\epsilon_{cls}$ [%]	$\epsilon_{acc}$ [%]	MRd [daNm]	S	Esito
1	fondazione	11, 12, 8, 7		X	2.00	3.50	4.6	Ø 16 / 25.0	3.0	Ø 16 / 25.0	-1081	0.66	1.86	-7190	6.65	V
				Y	2.00	3.50	3.0	Ø 16 / 25.0	4.6	Ø 16 / 25.0	732	0.66	1.86	7190	9.83	V

**4.8.1.1.3 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;  
 $\cot(\theta)$  : cotangente dell'angolo  $\theta$ ;  
 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;

					Armature				Tagli		
Piastra	Imp.	Fili	RCrit	cot( $\theta$ )	Diam. [mm]	Dlong [cm]	Dtrasv [cm]	Area [cm <sup>2</sup> /m <sup>2</sup> ]	Vsd [daN]	VRd [daN]	Esito
1	fond azion e	11, 12, 8, 7		1.0	12	-	-	-	5426	10893	V

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;
M <sub>Cr</sub>	: 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;

Piastra	Imp.	Fili	Comb.	RCrit	Dir.	Msd [daNm]	MCr [daNm]	Fess. Calc. [mm]	Fess. Lim. [mm]	S	Esito
1	fond azion e	11, 12, 8, 7	Freq.		X	-381.58	3319.64	0.00	0.40	-	V
					Y	253.55	3319.64	0.00	0.40	-	V
			Q. Perm.		X	-365.44	3319.64	0.00	0.30	-	V
					Y	241.41	3319.64	0.00	0.30	-	V

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;
$\sigma_c$	: tensioni d'esercizio del calcestruzzo (compressione positiva);
$\sigma_{c,lim}$	: Tensioni limite del calcestruzzo;
S cls	: coefficiente di sicurezza per la verifica del calcestruzzo;
$\sigma_s$	: 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;

Piastra	Imp .	Fili	Comb.	RCrit	Dir.	Msd [daNm]	$\sigma_c$ [daN/cm <sup>2</sup> ]	$\sigma_{c,lim}$ [daN/cm <sup>2</sup> ]	S cls	$\sigma_s$ [daN/cm <sup>2</sup> ]	$\sigma_{s,lim}$ [daN/cm <sup>2</sup> ]	S acc.	Esit o
1	fondazio ne	11, 12, 8, 7	Caratteristica		X	-440.69	5.38	150.00	27.88	-238.04	3600.00	15.12	V
					Y	299.85	3.66	150.00	40.98	-161.96	3600.00	22.23	V
			Freq.		X	-381.58	4.66	112.50	24.15	-206.11	3600.00	17.47	V
					Y	253.55	3.10	112.50	36.35	-136.96	3600.00	26.29	V

			Q. Perm.		X	-365.44	4.46	112.50	25.22	-197.40	3600.00	18.24	V
					Y	241.41	2.95	112.50	38.17	-130.40	3600.00	27.61	V

## SOMMARIO

<b>1 Introduzione .....</b>	<b>1</b>
<b>1.1 Premessa .....</b>	<b>1</b>
<b>1.1.1 Cenni sulla casa produttrice del software.....</b>	<b>1</b>
<b>1.1.2 Descrizione dell'Opera da calcolare.....</b>	<b>1</b>
<b>1.2 Riferimenti Legislativi.....</b>	<b>1</b>
<b>1.3 Convenzioni,Unità di misura e simboli adottati.....</b>	<b>2</b>
<b>2 Descrizione del Modello.....</b>	<b>3</b>
<b>2.1 Modello assunto per il calcolo.....</b>	<b>3</b>
<b>2.2 Tipo di calcolo.....</b>	<b>5</b>
<b>2.3 Condizioni di carico valutate .....</b>	<b>7</b>
<b>2.4 Procedura di Verifica degli elementi.....</b>	<b>18</b>
<b>2.4.1 Elementi in C.A. ....</b>	<b>18</b>
<b>3 Dati .....</b>	<b>24</b>
<b>3.1 Dati Generali .....</b>	<b>24</b>
<b>3.2 Elenco e Caratteristiche dei materiali.....</b>	<b>27</b>
<b>3.3 Elenco e caratteristiche delle colonne stratigrafiche. ....</b>	<b>28</b>
<b>3.4 Elenco dei carichi.....</b>	<b>29</b>
<b>3.4.1 Pesi propri unitari - G1. ....</b>	<b>29</b>
<b>3.4.2 Carichi Permanenti unitari - G2.....</b>	<b>29</b>
<b>3.4.3 Carichi Variabili unitari - Q. ....</b>	<b>30</b>
<b>3.4.4 Pesi Impalcati.....</b>	<b>30</b>
<b>3.4.5 Azione del Vento.....</b>	<b>30</b>
<b>3.4.6 Carico della Neve. ....</b>	<b>32</b>
<b>3.5 Elenco e Caratteristiche delle sezioni trasversali.....</b>	<b>33</b>
<b>3.6 Geometria Struttura.....</b>	<b>35</b>
<b>3.6.1 Fili Fissi.....</b>	<b>35</b>
<b>3.6.2 Caratteristiche dei nodi.....</b>	<b>35</b>
<b>3.6.3 Caratteristiche delle aste.....</b>	<b>39</b>
<b>3.6.4 Caratteristiche delle Piastre.....</b>	<b>39</b>
<b>3.6.5 Carichi distribuiti sugli elementi.....</b>	<b>40</b>
<b>3.6.6 Carichi termici sugli elementi.....</b>	<b>43</b>
<b>4 Risultati di Calcolo.....</b>	<b>44</b>
<b>4.1 Risultati Condizioni.....</b>	<b>44</b>
<b>4.1.1 Risultati Condizioni (Carichi Permanenti - G1). ....</b>	<b>45</b>
<b>4.1.1.1 Cinematismi nodali SLU .....</b>	<b>45</b>
<b>4.1.1.2 Sollecitazioni SLU .....</b>	<b>46</b>
<b>4.1.1.3 Piastre SLU .....</b>	<b>48</b>
<b>4.1.2 Risultati Condizioni (Carichi Permanenti - G2). ....</b>	<b>48</b>
<b>4.1.2.1 Cinematismi nodali SLU .....</b>	<b>48</b>
<b>4.1.2.2 Sollecitazioni SLU .....</b>	<b>50</b>
<b>4.1.2.3 Piastre SLU .....</b>	<b>51</b>
<b>4.1.3 Risultati Condizioni (Carichi d'Esercizio).....</b>	<b>51</b>
<b>4.1.3.1 Cinematismi nodali SLU .....</b>	<b>51</b>
<b>4.1.3.2 Sollecitazioni SLU .....</b>	<b>53</b>
<b>4.1.3.3 Piastre SLU .....</b>	<b>54</b>
<b>4.1.4 Risultati Condizioni (Delta Termico).....</b>	<b>55</b>
<b>4.1.4.1 Cinematismi nodali SLU .....</b>	<b>55</b>
<b>4.1.4.2 Sollecitazioni SLU .....</b>	<b>56</b>

4.1.4.3 Piastre SLU .....	58
4.1.5 Risultati Condizioni (Torsione Accidentale X).....	58
4.1.5.1 Cinematismi nodali SLV .....	58
4.1.5.2 Sollecitazioni SLV .....	59
4.1.5.3 Piastre SLV .....	61
4.1.6 Risultati Condizioni (Torsione Accidentale Y).....	61
4.1.6.1 Cinematismi nodali SLV .....	61
4.1.6.2 Sollecitazioni SLV .....	63
4.1.6.3 Piastre SLV .....	64
4.1.7 Risultati Condizioni (Sisma X).....	64
4.1.7.1 Cinematismi nodali SLV .....	65
4.1.7.2 Sollecitazioni SLV .....	66
4.1.7.3 Piastre SLV .....	68
4.1.8 Risultati Condizioni (Sisma Y).....	68
4.1.8.1 Cinematismi nodali SLV .....	68
4.1.8.2 Sollecitazioni SLV .....	69
4.1.8.3 Piastre SLV .....	71
4.1.9 Risultati Condizioni (Vento (+X)).....	71
4.1.9.1 Cinematismi nodali SLU .....	71
4.1.9.2 Sollecitazioni SLU .....	73
4.1.9.3 Piastre SLU .....	74
4.1.10 Risultati Condizioni (Vento (-X)).....	74
4.1.10.1 Cinematismi nodali SLU .....	74
4.1.10.2 Sollecitazioni SLU .....	76
4.1.10.3 Piastre SLU .....	78
4.1.11 Risultati Condizioni (Vento (+Y)).....	78
4.1.11.1 Cinematismi nodali SLU .....	78
4.1.11.2 Sollecitazioni SLU .....	79
4.1.11.3 Piastre SLU .....	81
4.1.12 Risultati Condizioni (Vento (-Y)).....	81
4.1.12.1 Cinematismi nodali SLU .....	81
4.1.12.2 Sollecitazioni SLU .....	82
4.1.12.3 Piastre SLU .....	84
4.1.13 Risultati Condizioni (Neve). ....	84
4.1.13.1 Cinematismi nodali SLU .....	84
4.1.13.2 Sollecitazioni SLU .....	86
4.1.13.3 Piastre SLU .....	87
4.2 Involuppi.....	87
4.2.1 Involuppi dei Cinematismi nodali. ....	88
4.2.1.1 Involuppi SLU.....	88
4.2.1.2 Involuppi SLD.....	89
4.2.1.3 Involuppi SLE .....	91
4.2.2 Involuppi dei diagrammi delle sollecitazioni: Sforzo Normale.....	95
4.2.3 Involuppi dei diagrammi delle sollecitazioni: Momento Torcente.....	97
4.2.4 Involuppi dei diagrammi delle sollecitazioni: Momento Flettente X-Z.....	99
4.2.5 Involuppi dei diagrammi delle sollecitazioni: Taglio X-Z.....	101
4.2.6 Involuppi dei diagrammi delle sollecitazioni: Momento Flettente X-Y.....	102
4.2.7 Involuppi dei diagrammi delle sollecitazioni: Taglio X-Y.....	104
4.2.8 Involuppi Piastre.....	106
4.2.8.1 Involuppi SLV.....	106
4.2.8.2 Involuppi SLD.....	106



<b>4.2.8.3 Involuppi SLE .....</b>	<b>107</b>
<b>4.3 Combinazioni.....</b>	<b>107</b>
<b>4.3.1 Sforzo Normale - Combinazioni SLV.....</b>	<b>108</b>
<b>4.3.2 Sforzo Normale - Combinazioni SLD.....</b>	<b>124</b>
<b>4.3.3 Sforzo Normale - Combinazioni SLE Caratteristiche.....</b>	<b>133</b>
<b>4.3.4 Sforzo Normale - Combinazioni SLE Frequenti.....</b>	<b>152</b>
<b>4.3.5 Sforzo Normale - Combinazioni SLE Quasi Permanenti.....</b>	<b>157</b>
<b>4.3.6 Momento Torcente - Combinazioni SLV.....</b>	<b>159</b>
<b>4.3.7 Momento Torcente - Combinazioni SLD.....</b>	<b>175</b>
<b>4.3.8 Momento Torcente - Combinazioni SLE Caratteristiche. ....</b>	<b>184</b>
<b>4.3.9 Momento Torcente - Combinazioni SLE Frequenti.....</b>	<b>203</b>
<b>4.3.10 Momento Torcente - Combinazioni SLE Quasi Permanenti.....</b>	<b>208</b>
<b>4.3.11 Momento Flettente - Combinazioni SLV.....</b>	<b>210</b>
<b>4.3.12 Momento Flettente - Combinazioni SLD.....</b>	<b>226</b>
<b>4.3.13 Momento Flettente - Combinazioni SLE Caratteristiche. ....</b>	<b>235</b>
<b>4.3.14 Momento Flettente - Combinazioni SLE Frequenti. ....</b>	<b>254</b>
<b>4.3.15 Momento Flettente - Combinazioni SLE Quasi Permanenti. ....</b>	<b>259</b>
<b>4.3.16 Taglio X-Z - Combinazioni SLV.....</b>	<b>261</b>
<b>4.3.17 Taglio X-Z - Combinazioni SLD.....</b>	<b>277</b>
<b>4.3.18 Taglio X-Z - Combinazioni SLE Caratteristiche. ....</b>	<b>286</b>
<b>4.3.19 Taglio X-Z - Combinazioni SLE Frequenti.....</b>	<b>305</b>
<b>4.3.20 Taglio X-Z - Combinazioni SLE Quasi Permanenti.....</b>	<b>310</b>
<b>4.3.21 Momento Flettente X-Y - Combinazioni SLV.....</b>	<b>312</b>
<b>4.3.22 Momento Flettente X-Y - Combinazioni SLD.....</b>	<b>328</b>
<b>4.3.23 Momento Flettente X-Y - Combinazioni SLE Caratteristiche. ....</b>	<b>337</b>
<b>4.3.24 Momento Flettente X-Y - Combinazioni SLE Frequenti. ....</b>	<b>356</b>
<b>4.3.25 Momento Flettente X-Y - Combinazioni SLE Quasi Permanenti.....</b>	<b>361</b>
<b>4.3.26 Taglio X-Y - Combinazioni SLV.....</b>	<b>363</b>
<b>4.3.27 Taglio X-Y - Combinazioni SLD.....</b>	<b>379</b>
<b>4.3.28 Taglio X-Y - Combinazioni SLE Caratteristiche.....</b>	<b>388</b>
<b>4.3.29 Taglio X-Y - Combinazioni SLE Frequenti.....</b>	<b>407</b>
<b>4.3.30 Taglio X-Y - Combinazioni SLE Quasi Permanenti.....</b>	<b>412</b>
<b>4.4 Tensioni sul Terreno. ....</b>	<b>414</b>
<b>4.5 Verifiche Nodi.....</b>	<b>415</b>
<b>4.5.1 Verifiche SLV - Verifica Nodo.....</b>	<b>415</b>
<b>4.6 Verifica Aste. ....</b>	<b>415</b>
<b>4.6.1 Pilastri. ....</b>	<b>415</b>
<b>4.6.1.1 Verifiche Pilastri in C.A.. ....</b>	<b>415</b>
<b>4.6.1.1.1 Verifiche SLV - Flessione Composta.....</b>	<b>415</b>
<b>4.6.1.1.2 Verifiche SLV - Taglio.....</b>	<b>417</b>
<b>4.6.1.1.3 Verifiche SLV - Taglio in condizioni cicliche. ....</b>	<b>417</b>
<b>4.6.1.1.4 Verifiche SLV - Dettagli costruttivi per la duttilità.....</b>	<b>418</b>
<b>4.6.1.1.5 Verifiche SLV - Stabilità Elastica.....</b>	<b>419</b>
<b>4.6.1.1.6 Verifiche SLV - Resistenza massima a compressione sezione cls. ....</b>	<b>419</b>
<b>4.6.1.1.7 Verifiche SLE - Stato Tensionale.....</b>	<b>420</b>
<b>4.6.1.1.8 Verifiche SLE - Fessurazione.....</b>	<b>421</b>
<b>4.6.2 Travi di Elevazione. ....</b>	<b>421</b>
<b>4.6.2.1 Verifiche Travi di Elevazione in C.A. . ....</b>	<b>421</b>
<b>4.6.2.1.1 Verifiche SLV - Flessione Composta.....</b>	<b>421</b>
<b>4.6.2.1.2 Verifiche SLV - Taglio.....</b>	<b>423</b>
<b>4.6.2.1.3 Verifiche SLV - Taglio in condizioni cicliche ....</b>	<b>423</b>

<b>4.6.2.1.4 Verifiche SLE - Deformabilità.....</b>	<b>424</b>
<b>4.6.2.1.6 Verifiche SLE - Stato Tensionale.....</b>	<b>425</b>
<b>4.6.2.1.7 Verifiche SLE - Fessurazione.....</b>	<b>427</b>
<b>4.6.3 Verifiche Travi di Fondazione in C.A. .</b>	<b>428</b>
<b>4.6.3.1 Verifiche SLV - Flessione Composta.....</b>	<b>428</b>
<b>4.6.3.2 Verifiche SLV - Taglio.....</b>	<b>429</b>
<b>4.6.3.3 Verifiche SLE - Stato Tensionale.....</b>	<b>430</b>
<b>4.6.3.4 Verifiche SLE - Fessurazione.....</b>	<b>431</b>
<b>4.7 Verifica Stati Limite di Danno.....</b>	<b>432</b>
<b>4.7.1 Involuppi dei Cinematismi nodali. ....</b>	<b>432</b>
<b>4.8 Verifica Elementi Bidimensionali.....</b>	<b>434</b>
<b>4.8.1 Verifica Piastre.....</b>	<b>434</b>
<b>4.8.1.1 Verifica Piastre in C.A.....</b>	<b>434</b>
<b>4.8.1.1.1 Dati Generali .....</b>	<b>434</b>
<b>4.8.1.1.2 Verifiche SLV - Flessione. ....</b>	<b>435</b>
<b>4.8.1.1.3 Verifiche SLV - Taglio.....</b>	<b>435</b>
<b>4.8.1.1.4 Verifiche SLE - Fessurazione.....</b>	<b>436</b>
<b>4.8.1.1.5 Verifiche SLE - Tensioni di Esercizio .....</b>	<b>436</b>