



COMUNE DI PLATANIA

PROVINCIA DI CATANZARO



Lavori di Adeguamento Sismico dell'edificio comunale Scolastico “Felice Mastroianni”

PROGETTO ESECUTIVO

ELABORATO:	TITOLO ELABORATO :	SCALA :
TAV.14.1	RELAZIONE E ALLEGATI - PROGETTO DI VULNERABILITÀ - stato di fatto	DATA : Novembre 2019
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COMMITTENTE:	RESPONSABILE UNICO PROCEDIMENTO:
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1 Introduzione

1.1 Premessa

1.1.1 Cenni sulla casa produttrice del software

La relazione seguente riporta i dati relativi ai criteri di progettazione, alla geometria, alla meccanica della struttura descritta al relativo paragrafo, nonché i relativi risultati dei calcoli strutturali così come ricavati dal calcolatore elettronico tramite l'utilizzo del Software "FaTA-e" prodotto e distribuito da Stacec srl con sede in Bovalino (RC), e concesso in licenza al responsabile dei calcoli stessi.

FaTA-e è un programma sviluppato specificatamente per la progettazione e la verifica di edifici tridimensionali multipiano ed industriali realizzati con elementi strutturali in C.A., in Acciaio, in legno (massiccio e/o lamellare) o in muratura.

FaTA-e articola le operazioni di progetto secondo tre fasi distinte:

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

1.1.2 Descrizione dell'Opera da calcolare

Comune : PLATANIA

PROVINCIA : CATANZARO

Oggetto : Lavori di Adeguamento Sismico dell'Edificio Comunale Scolastico "F. Mastroianni"

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."

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 ²
- peso specifico	: daN/m ³
- tensioni e resistenze	: daN/m ²
- temperatura	: °C

I simboli adottati hanno il seguente significato:

q	: fattore di comportamento ;
R _{ck}	: Resistenza caratteristica cubica a compressione del calcestruzzo;
f _{ck}	: Resistenza caratteristica cilindrica a compressione del calcestruzzo;
E _c	: Modulo elastico secante del calcestruzzo;
E _{ct}	: Modulo elastico a trazione del calcestruzzo
f _{cd}	: Resistenza di calcolo del calcestruzzo;
f _{ctk,0.05}	: Resistenza caratteristica a trazione;
ν	: Coefficiente di Poisson;
α _t	: Coefficiente di dilatazione termica;
ps	: peso specifico;
f _{yk}	: Resistenza caratteristica di snervamento dell'acciaio;
f _{tk}	: Resistenza caratteristica di rottura dell'acciaio;
f _d	: resistenza di calcolo dell'acciaio;
A	: Superficie della sezione trasversale;
J _x	: 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;
Γ _x	: Fattore di partecipazione del modo i-esimo in direzione x;
Γ _y	: Fattore di partecipazione del modo i-esimo in direzione y;
Γ _z	: Fattore di partecipazione del modo i-esimo in direzione z;
N _{Sd}	: Sforzo Normale sollecitante di calcolo;
M _{SdXZ}	: Momento Flettente X-Z sollecitante di calcolo;
M _{SdXY}	: Momento Flettente X-Y sollecitante di calcolo;
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;
σ _c	: Tensioni del calcestruzzo;
σ _s	: Tensioni delle armature;
σ _{c,lim}	: Tensioni limite del calcestruzzo;
σ _{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 "consistente" 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 PGA.

Il calcolo del valore della PGA per i vari stati limite viene condotto iterativamente secondo le seguenti fasi:

1. Calcolo sollecitazioni e spostamenti di carichi verticali;

2. Calcolo sollecitazioni e spostamenti delle azioni sismiche con spettro unitario
3. Calcolo condizioni di carico utilizzando il valore dello spettro relativo all'ag di tentativo;
4. Verifica degli elementi strutturali utilizzando i risultati del punto 3 (SLV / SLC);
5. Verifica degli spostamenti relativi utilizzando i risultati del punto 3 (SLD / SLO);
6. Identificazione della PGA e degli indicatori di rischio per i vari stati limite.

Per la struttura in esame verranno utilizzati i seguenti tipi di analisi.

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	178.4	63.8
2	178.4	63.8
3	178.4	63.8
4	178.4	63.8

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

Imp. Reale	Rigidezze			Centro Massa		Centro Rigidezza	
	Rig X [kN/cm]	Rig Y [kN/cm]	Rig. Tors. [kNm]	X [cm]	Y [cm]	xR [cm]	yR [cm]
1	28867	8054	2143754220 5	2279.8	580.0	2464.7	656.3
2	20788	6265	1640928255 9	2281.9	580.1	2518.9	711.8
3	19817	5698	1523797019 0	2464.2	565.0	2599.6	702.1
4	314204	62718	2270367153 8	3609.2	936.6	3360.7	42.0

L'analisi sismica nella componente orizzontale è basata sulla teoria ed i concetti propri dell'analisi modale.

L'analisi modale consente di determinare le oscillazioni libere della struttura discretizzata.

Tali modi di vibrare sono legati agli autovalori e autovettori del sistema dinamico generalizzato, che può essere riassunto in:

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

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

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

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

Il periodo (T) è calcolato come:

$$T = 1 / f$$

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

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

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

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

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

I cinematismi modali vengono calcolati come:

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

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

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

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

SLV-SLC

Modo	Direzione X			Direzione Y		
	f [Hz]	T [s]	Λ_x %	f [Hz]	T [s]	Λ_y %
1	3.505	0.285	76.9	1.948	0.513	69.9
2	10.580	0.095	10.3	6.680	0.150	12.3
3	-	-	-	20.177	0.050	5.2
	Totale Λ_x (>=85%)		87.2	Totale Λ_y (>=85%)		87.4

SLD-SLO

Modo	Direzione X			Direzione Y		
	f [Hz]	T [s]	Λ_x %	f [Hz]	T [s]	Λ_y %
1	3.505	0.285	76.9	1.948	0.513	69.9
2	10.580	0.095	10.3	6.680	0.150	12.3
3	-	-	-	20.177	0.050	5.2
	Totale Λ_x (>=85%)		87.2	Totale Λ_y (>=85%)		87.4

2.3 Condizioni di carico valutate

Dati Condizioni.

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

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

Coefficienti di combinazione.

Nella seguente tabella vengono riportati i coefficienti di combinazione, dettati dalle normative, relativi agli stati limite ultimi (SLV / SLC) e di danno (SLD / SLO):

Impalcato	Destinazione	Altre azioni			Delta termico		
		Ψ_{0i}	Ψ_{1i}	Ψ_{2i}	Ψ_{0i}	Ψ_{1i}	Ψ_{2i}
Fondazione	Categoria C: Ambienti suscettibili di affollamento	0.0	0.0	0.6	0.0	0.0	0.0
Piano 1	Categoria C: Ambienti suscettibili di affollamento	0.0	0.0	0.6	0.0	0.0	0.0
Piano 2	Categoria C: Ambienti suscettibili di affollamento	0.0	0.0	0.6	0.0	0.0	0.0
Piano 3	Categoria H: Coperture	0.0	0.0	0.0	0.0	0.0	0.0
Piano 4	Categoria H: Coperture	0.0	0.0	0.0	0.0	0.0	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		
		Ψ_{0i}	Ψ_{1i}	Ψ_{2i}	Ψ_{0i}	Ψ_{1i}	Ψ_{2i}
C2	Balconi, ballatoi e scale	0.7	0.7	0.6	0.6	0.5	0.0

Combinazioni per le verifiche allo stato limite di salvaguardia della vita, di collasso, di danno e di operatività

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico nei riguardi dello stato limite ultimo 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*	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	1	0	1	0.30	0
2*	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	-1	0	1	0.30	0
3*	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	1	0	1	-0.30	0
4*	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	-1	0	1	-0.30	0
5*	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	1	0	-1	0.30	0
6	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	-1	0	-1	0.30	0
7	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	1	0	-1	-0.30	0
8	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	-1	0	-1	-0.30	0
9	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	1	0.30	1	0
10	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	-1	0.30	1	0
11	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	1	-0.30	1	0
12	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	-1	-0.30	1	0
13	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	1	0.30	-1	0
14	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	-1	0.30	-1	0
15	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	1	-0.30	-1	0
16	γ_{Gs}	γ_{G2s}	$\Psi_2\gamma_{Qs}$	0	0	-1	-0.30	-1	0

*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

I coefficienti utilizzati assumono i seguenti valori:

$$\begin{aligned}\gamma_{G1s} &= 1.00 \\ \gamma_{G2s} &= 1.00 \\ \gamma_{Qs} &= 1.00\end{aligned}$$

Tutte le combinazioni sono da intendersi come somma dell'effetto considerato.

2.4 Procedura di Verifica degli elementi.

2.4.1 Elementi in C.A. .

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

- Pilastri

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

- PressoTensoFlessione Deviata
- Taglio

- Travi

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

- PressoTensoFlessione
- Taglio

- Travi di fondazione

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

- PressoTensoFlessione
- Taglio

Le singole verifiche vengono descritte qui di seguito:

- PressoTensoFlessione Deviata

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

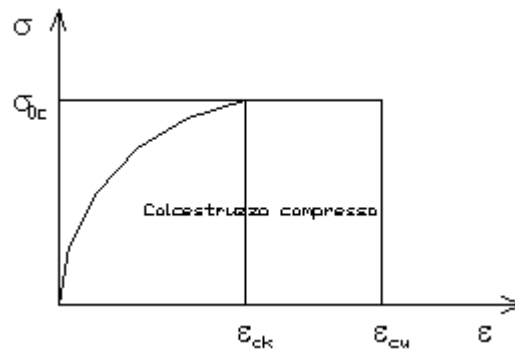
La verifica di resistenza è soddisfatta se la sollecitazione determinata dalla condizione considerata cade all'interno del dominio di sicurezza determinato, attraverso la conoscenza:

- del comportamento meccanico della sezione in esame;
- delle caratteristiche dei materiali di cui è composta;
- dei coefficienti di sicurezza forniti dalla normativa seguita.

Il calcolo è condotto nelle ipotesi che:

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

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



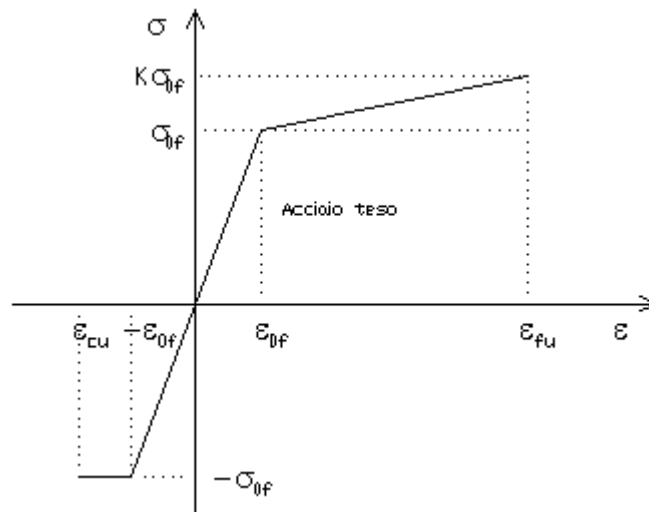
dove: $\varepsilon_{ck} = 0.002$;
 $\varepsilon_{cu} = 0.0035$;
 $\sigma_{0c} = 0.85 \cdot 0.83 \cdot R_{ck} / \gamma_c$;
 R_{ck} = resistenza caratteristica del calcestruzzo;
 $\gamma_{m,c}$ = coefficiente di materiale del calcestruzzo;

Le equazioni che descrivono il diagramma sono:

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

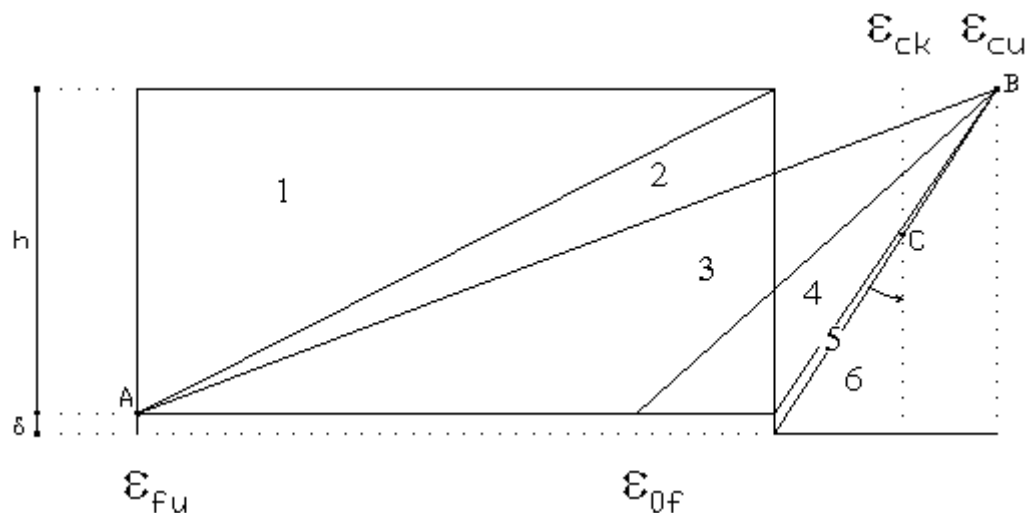
$$\varepsilon_{ck} < \varepsilon < \varepsilon_{cu} : s(\sigma) = \sigma_{0c};$$

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

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



Campo 1 : è caratterizzato dall'allungamento massimo tollerabile per l'acciaio pari a ϵ_{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. E' il caso di trazione semplice o con piccola eccentricità; la sezione risulta interamente tesa. La crisi si ha per cedimento dell'acciaio teso.

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

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

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

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

Campo 6 : è caratterizzato dall'accorciamento massimo del conglomerato compresso che varia fra ϵ_{cu} e ϵ_{ck} . Le rette di deformazione 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;
- $V_{Rsd} = 0.9 d (A_{SW} / s) f_{yd} (\text{ctg}\alpha + \text{ctg}\theta) \sin\alpha$;
- $V_{Rcd} = 0.9 d b_w \alpha_c \tilde{f}_{cd} (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$;
- 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.

- 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 sovrariduzione utilizzati nel presente calcolo sono:

Impalcato	Fatt. Sovr.
1	1.00
2	1.00
3	1.00
4	1.00

3 Dati

3.1 Dati Generali

Numero Impalcati : 4
 Numero delle tipologie di sezioni trasversali usate : 7
 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	67
Piano 1	0.00	330.00	330.00	330.00	42	67
Piano 2	330.00	665.00	335.00	335.00	42	67
Piano 3	665.00	1000.00	335.00	335.00	42	67
Piano 4	1000.00	1410.00	20.00	410.00	18	27

Coordinate (Datum WGS84) del sito : Latitudine = 39.0023° - Longitudine = 16.3189°
 Coordinate (Datum ED50) del sito : Latitudine = 39.0033° - Longitudine = 16.3197°

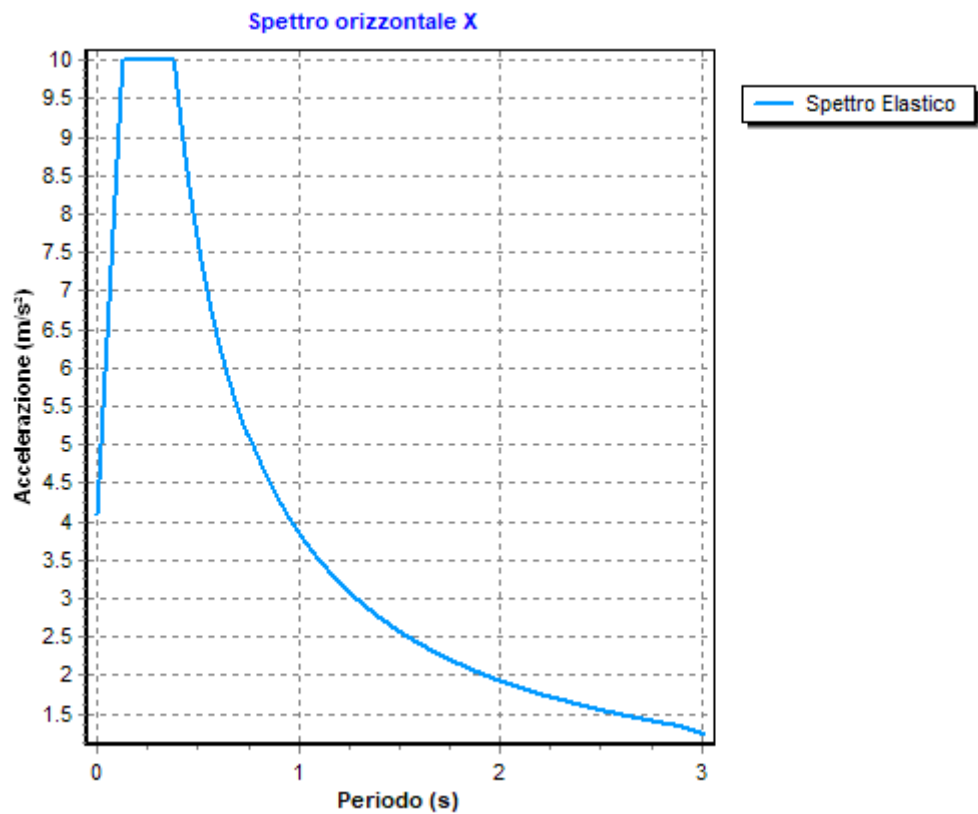


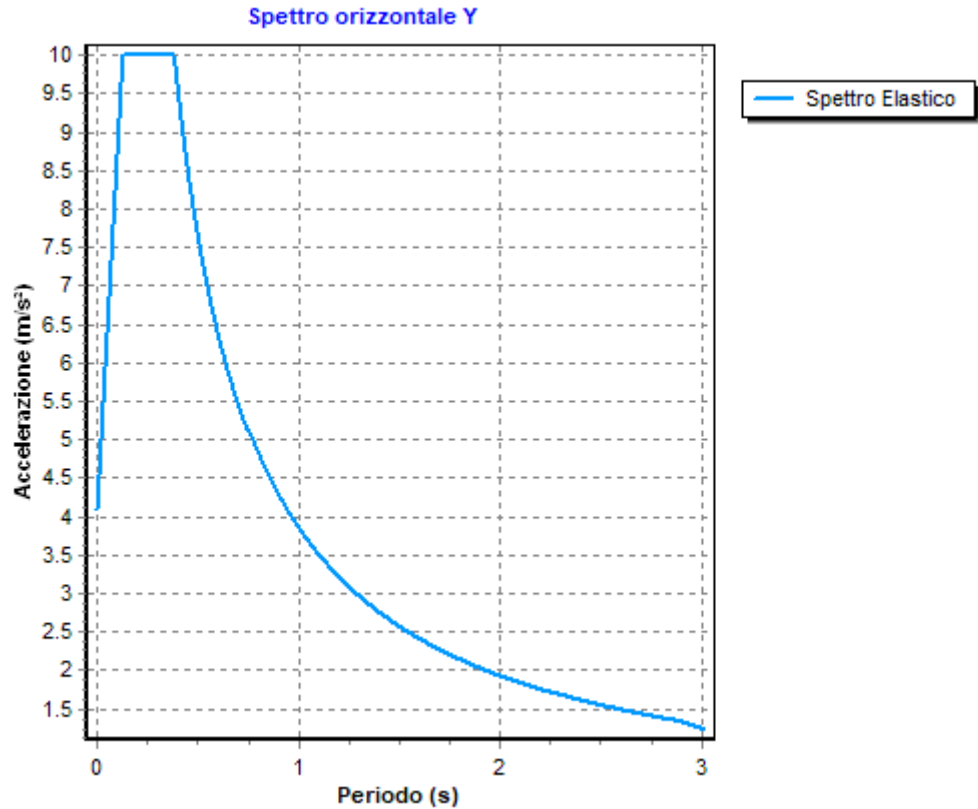
Identificativi e coordinate (Datum ED50) dei punti che includono il sito		
Numero punto	Latitudine [°]	Longitudine [°]
41003	39.0486	16.3194
41004	39.0470	16.3837
41225	38.9987	16.3173
41226	38.9970	16.3815

Zona sismica : SI
 Suolo di fondazione : B
 Vita nominale : 50
 Classe di duttilità: B

Tipo di opera : Opere ordinarie
 Classe d'uso : III
 Vita di riferimento : 75
 Categoria topografica : T1
 Coefficiente smorzamento viscoso : 0.05

	Parametri dello spettro di risposta orizzontale			
	SLV	SLC	SLD	SLO
Tempo di ritorno	712	1462	75	45
Accelerazione sismica	0.323	0.425	0.117	0.090
Coefficiente F_0	2.450	2.489	2.301	2.282
Periodo T_C^*	0.400	0.428	0.360	0.295
Coefficiente S_s	1.29	1.00	1.29	1.32
Coefficiente di amplificazione topografica S_t	1.00	1.00	1.00	1.00
Prodotto $S_s \cdot S_t$	1.29	1.00	1.29	1.32
Periodo T_B	0.13	0.19	0.13	0.13
Periodo T_C	0.38	0.56	0.38	0.38
Periodo T_D	2.89	3.30	2.07	1.96





Modulo di Winkler traslazionale	: 5.00 daN/cm ³
Modulo di Winkler tangenziale	: 2.50 daN/cm ³
Delta Termico aste di elevazione	: 0
Delta Termico aste di fondazione	: 0
Modulo di omogeneizzazione (per SLE)	: 15
Classe di servizio per le strutture in legno	: 1

Coeff. di riduzione per rigidità fessurata:
SLV-SLC

Pilastrì	
Assiale	: 1.00
Flessione	: 1.00
Taglio	: 1.00
Travi	
Assiale	: 1.00
Flessione	: 1.00
Taglio	: 1.00
Pareti	
Nel Piano	: 1.00
Fuori Piano	: 1.00
Platee	
Nel Piano	: 1.00
Fuori Piano	: 1.00

SLD-SLO

Pilastrì	
Assiale	: 1.00
Flessione	: 1.00
Taglio	: 1.00
Travi	
Assiale	: 1.00
Flessione	: 1.00

	Taglio	: 1.00
Pareti	Nel Piano	: 1.00
	Fuori Piano	: 1.00
Platee	Nel Piano	: 1.00
	Fuori Piano	: 1.00
Delta termico	Slv	: 0.50
	Sle	: 0.50
Copriferro Travi di Fondazione		: 2.50 cm
Copriferro Travi di Elevazione in C.A.		: 2.50 cm
Copriferro Pilastri in C.A.		: 2.50 cm

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]	fed SLU [daN/c m²]	fedt SLU [daN/c m²]	fed SLD [daN/c m²]	fedt SLD [daN/c m²]	fcctk,0.0 5 [daN/c m²]	fcctm [daN/c m²]	sc2 [%]	scu2 [%]
C16/ 20	da prove	-	0.15	2500	1.0E-005	286079. 0	1.2 0	1.80	0.50	-	160.0	75.6	7.4	113.3	11.1	13.3	19.0	2.00	3.50

c - Acciaio per C.A.

Nome	Tipo	γm	FC	Es [daN/cm²]	fym [daN/cm²]	ftm [daN/cm²]	fd SLU [daN/cm²]	fd SLD [daN/cm²]	fd SLE [daN/cm²]	k	εud [%]
FeB 22	Utente	1.38	1.20	2100000.0	2150.0	3350.0	1870.0	1870.0	1870.0	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	Non Presente	-	-60.00	2	-
2	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
3	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
4	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
5	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
6	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
7	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
8	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
9	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
10	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-

11	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
12	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
13	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
14	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
15	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
16	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
17	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
18	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
19	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
20	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
21	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
22	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
23	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
24	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
25	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
26	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
27	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
28	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
29	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
30	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
31	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
32	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
33	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
34	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
35	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
36	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
37	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
38	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
39	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
40	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
41	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-
42	Colonna 1	Fondazione	Non Presente	-	-60.00	2	-

Caratteristiche degli strati appartenenti alle colonne stratigrafiche:

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

Colonna	Strato	Spess. [cm]	Peso [daN/m ³]	Peso eff. [daN/m ³]	NSPT	Qc [daN/cm ²]	ϕ [°]	C [daN/cm ²]	Cu [daN/cm ²]	E [daN/cm ²]	G [daN/cm ²]	ν_t	E_{ed} [daN/cm ²]	OC R
Colonna 1	coltre superficiale	20.0	1800.0	800.0	10	15.00	30.0	0.30	0.70	200.00	100.00	0.35	80.00	1.00
	Scisti Filladici	600.0	1700.0	800.0	-	-	31.0	0.24	0.25	200.00	100.00	0.35	-	1.00

3.4 Elenco dei carichi.

3.4.1 Pesi propri unitari - G1.

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]
-----------	--------------------------------	----------------------------------	--------------------------------

Fondazione	-	-	-
Piano 1	277	-	-
Piano 2	277	-	-
Piano 3	277	-	-
Piano 4	277	-	-

- Analisi dei Carichi -

Piano 1

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta	16.0 cm
Larghezza pignatta	25.0 cm
Larghezza travetto	8.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Piano 2

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta	16.0 cm
Larghezza pignatta	25.0 cm
Larghezza travetto	8.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Piano 3

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta	16.0 cm
Larghezza pignatta	25.0 cm
Larghezza travetto	8.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Piano 4

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta	16.0 cm
Larghezza pignatta	25.0 cm
Larghezza travetto	8.0 cm
Altezza solettina collaborante	4.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

3.4.2 Carichi Permanenti unitari - G2.

CARICHI PERMANENTI NON STRUTTURALI – Piano 1-2

-Massetto: $1.00 \times 1.00 \times 0.04 \times 2500 = 100 \text{ daN/mq}$

-Pavimento: $1.00 \times 1.00 \times 0.02 \times 2000 = 40 \text{ “}$

-Intonaco: $1.00 \times 1.00 \times 0.01 \times 1600 = 16 \text{ “}$

TOTALE (per eccesso): 160 daN/mq

CARICHI PERMANENTI NON STRUTTURALI – Piano 3-4

- Carico Neve = 142,66 daN/mq

- Copertura non praticabile = 50 daN/mq

TOTALE (per eccesso) : 200 daN/mq

Impalcato	Solai [daN/m²]	Balconi [daN/m²]	Scale [daN/m²]	Influenza Tramezzi [daN/m²]	Tamponature [daN/m]
Fondazione	100	100	100	100	582
Piano 1	160	100	100	100	582
Piano 2	160	100	100	100	582
Piano 3	200	100	100	100	582
Piano 4	200	100	100	0	0

- Analisi dei Carichi -

Fondazione

Influenza Tramezzi

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

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

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

Peso proprio tamponatura: 194.0 daN/m²

Piano 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

Influenza Tramezzi

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

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

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

Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

Piano 2

Solai

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

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 (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m ³
Mattone forato	8.0 cm	600.0 daN/m ³
Camera d'aria	4.0 cm	0.0 daN/m ³
Isolante termico	4.0 cm	150.0 daN/m ³
Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

Piano 3

Solai

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

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 (D.M. 17/01/2018)

Piano 4

Solai

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

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 ²]		
	Solai	Balconi	Scale
Fondazione	100	400	400
Piano 1	300	400	400
Piano 2	300	400	400
Piano 3	200	400	400
Piano 4	200	400	400

3.4.4 Pesì Impalcati.

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

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

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

Impalcato	Destinazione	Ψ_{2i}
Fondazione	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 1	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 2	Categoria C: Ambienti suscettibili di affollamento	0.6
Piano 3	Categoria H: Coperture	0.0
Piano 4	Categoria H: Coperture	0.0

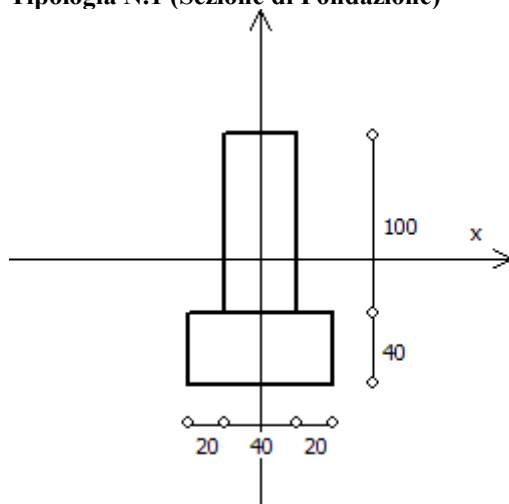
Per balconi e scale verranno usati i coefficienti calcolati come i maggiori tra quelli relativi alla categoria di carico di piano ed i seguenti:

Cat.	Destinazione	Ψ_{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	315708.03	70463.33	8933.28	395104.64
1	340528.65	178663.71	66732.23	585924.59
2	335031.31	178828.18	66772.91	580632.40
3	330588.27	71608.28	0.00	402196.55
4	86859.61	13251.31	0.00	100110.92

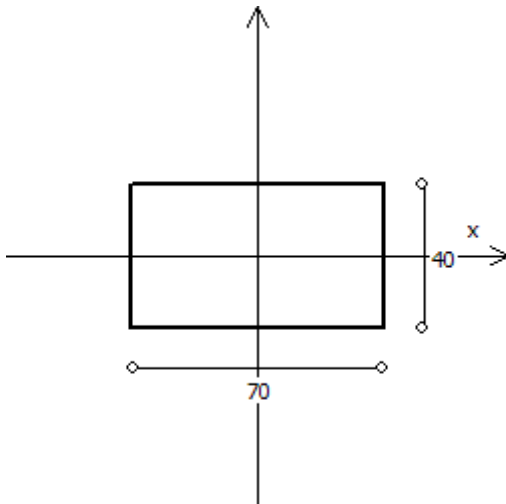
3.5 Elenco e Caratteristiche delle sezioni trasversali.

Tipologia N.1 (Sezione di Fondazione)



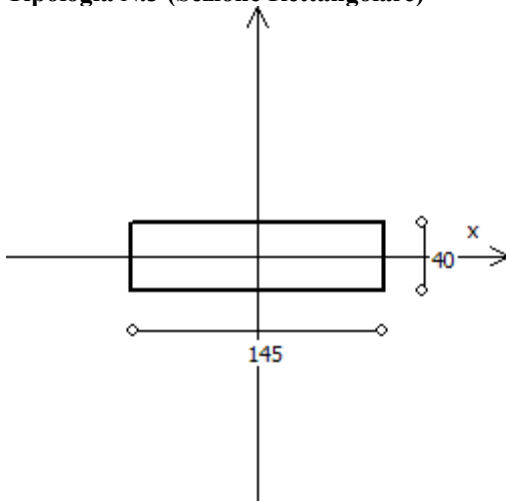
A = 4000 cm²
 J_x = 3333333 cm⁴
 J_y = 533333 cm⁴
 J_t = 1598293 cm⁴
 Materiale = C16/20
 Peso = 1000 daN/ml

Tipologia N.2 (Sezione Rettangolare)



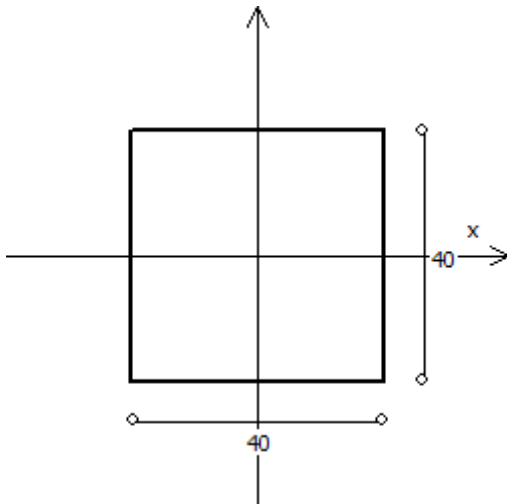
A = 2800 cm²
 J_x = 373333 cm⁴
 J_y = 1143333 cm⁴
 J_t = 958293 cm⁴
 Materiale = C16/20
 Peso = 700 daN/m

Tipologia N.3 (Sezione Rettangolare)



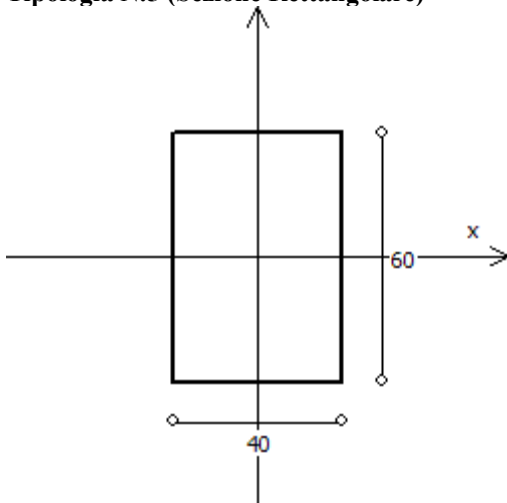
A = 5800 cm²
 J_x = 773333 cm⁴
 J_y = 10162083 cm⁴
 J_t = 2558293 cm⁴
 Materiale = C16/20
 Peso = 1450 daN/m

Tipologia N.4 (Sezione Rettangolare)



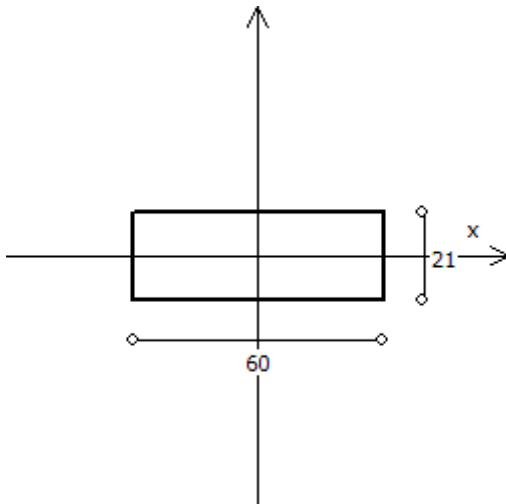
A = 1600 cm²
 J_x = 213333 cm⁴
 J_y = 213333 cm⁴
 J_t = 359854 cm⁴
 Materiale = C16/20
 Peso = 400 daN/m

Tipologia N.5 (Sezione Rettangolare)



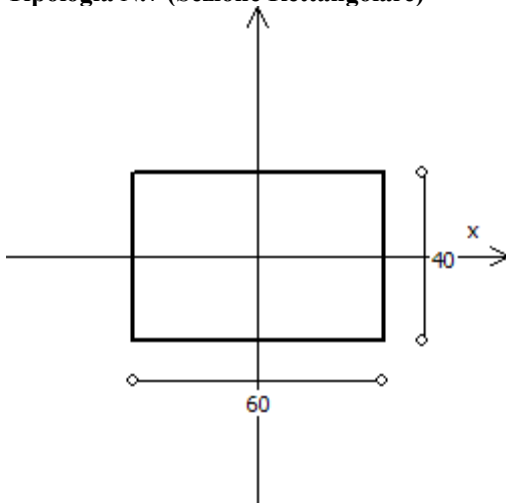
A = 2400 cm²
 J_x = 720000 cm⁴
 J_y = 320000 cm⁴
 J_t = 744960 cm⁴
 Materiale = C16/20
 Peso = 600 daN/m

Tipologia N.6 (Sezione Rettangolare)



$A = 1260 \text{ cm}^2$
 $J_x = 46305 \text{ cm}^4$
 $J_y = 378000 \text{ cm}^4$
 $J_t = 144573 \text{ cm}^4$
 Materiale = C16/20
 Peso = 315 daN/m

Tipologia N.7 (Sezione Rettangolare)



$A = 2400 \text{ cm}^2$
 $J_x = 320000 \text{ cm}^4$
 $J_y = 720000 \text{ cm}^4$
 $J_t = 744960 \text{ cm}^4$
 Materiale = C16/20
 Peso = 600 daN/m

3.6 Geometria Strutturata.

3.6.1 Fili Fissi.

Numero : numerazione del filo fisso.

Ascissa : coordinata X del filo fisso.

Ordinata : coordinata Y del filo fisso.

Angolo : angolo del filo fisso (in gradi);

Tipo : tipo del filo fisso.

Numero	Ascissa [cm]	Ordinata [cm]	Quota [cm]	Angolo [°]	Tipo
1	0.00	0.00	0.00	0.00	7
2	0.00	644.93	0.00	0.00	7
3	0.00	932.96	0.00	0.00	7
4	434.14	0.00	0.00	0.00	7
5	434.10	644.90	0.00	0.00	7
6	434.14	933.56	0.00	0.00	7
7	797.03	0.00	0.00	0.00	7
8	797.03	644.93	0.00	0.00	7
9	797.03	932.96	0.00	0.00	7
10	1159.91	0.00	0.00	0.00	7
11	1159.91	644.93	0.00	0.00	7
12	1159.91	932.96	0.00	0.00	7
13	1522.79	0.00	0.00	0.00	7
14	1522.79	644.93	0.00	0.00	7
15	1522.79	932.96	0.00	0.00	7
16	1895.86	0.00	0.00	0.00	7
17	1895.86	644.93	0.00	0.00	7
18	1895.86	932.96	0.00	0.00	7
19	2268.92	0.00	0.00	0.00	7
20	2268.92	644.93	0.00	0.00	7
21	2268.92	932.96	0.00	0.00	7
22	2631.80	0.00	0.00	0.00	7
23	2631.80	647.32	0.00	0.00	7
24	2622.22	932.96	0.00	0.00	7
25	2994.69	0.00	0.00	0.00	7
26	2994.69	644.93	0.00	0.00	7
27	2994.69	932.96	0.00	0.00	7
28	3055.00	1275.50	0.00	0.00	9
29	3367.75	0.00	0.00	0.00	7
30	3367.75	644.93	0.00	0.00	7
31	3367.75	932.96	0.00	0.00	7
32	3367.75	1275.48	0.00	0.00	7
33	3725.84	0.00	0.00	0.00	7
34	3730.64	644.93	0.00	0.00	7
35	3786.32	932.96	0.00	0.00	9
36	3786.32	1275.48	0.00	0.00	9
37	4007.89	932.96	0.00	0.00	7
38	4007.89	1275.48	0.00	0.00	7
39	4219.87	0.00	0.00	0.00	9
40	4219.87	648.52	0.00	0.00	9
41	4219.87	932.96	0.00	0.00	9
42	4219.87	1275.48	0.00	0.00	9

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;

Relazione di calcolo

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*cm ²]	MIy [daNM*cm ²]	MIz [daNM*cm ²]
1	35.0	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
2	35.0	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
3	35.0	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
4	469.1	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
5	469.1	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
6	469.1	953.6	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
7	832.0	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
8	832.0	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
9	832.0	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
10	1194. 9	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
11	1194. 9	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
12	1194. 9	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
13	1557. 8	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
14	1557. 8	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
15	1557. 8	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
16	1930. 9	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
17	1930. 9	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
18	1930. 9	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
19	2303. 9	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
20	2303. 9	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
21	2303. 9	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
22	2666. 8	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
23	2666. 8	667.3	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
24	2657. 2	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
25	3029. 7	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
26	3029. 7	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
27	3029. 7	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
28	2982. 5	1295. 5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
29	3402. 8	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
30	3402. 8	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
31	3402.	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	8														
32	3402.8	1295.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
33	3760.8	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
34	3765.6	664.9	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
35	3713.8	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
36	3751.3	1295.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
37	4027.9	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
38	4027.9	1295.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
39	4184.9	20.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
40	4184.9	668.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
41	4184.9	953.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
42	4184.9	1295.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
43	30.0	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
44	30.0	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
45	30.0	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
46	464.1	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
47	464.1	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
48	464.1	953.6	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
49	827.0	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
50	827.0	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
51	827.0	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
52	1189.9	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
53	1189.9	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
54	1189.9	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
55	1552.8	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
56	1552.8	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
57	1552.8	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
58	1925.9	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
59	1925.9	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
60	1925.9	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
61	2298.9	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
62	2298.9	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
63	2298.9	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
64	2661.8	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
65	2661.8	667.3	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
66	2652.2	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
67	3024.7	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
68	3024.7	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
69	3024.7	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
70	2982.5	1295.5	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
71	3397.8	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
72	3397.8	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00

Relazione di calcolo

73	3397.8	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
74	3397.8	1295.5	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
75	3755.8	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
76	3760.6	664.9	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
77	3713.8	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
78	3751.3	1295.5	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
79	4027.9	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
80	4027.9	1295.5	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
81	4189.9	20.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
82	4184.9	668.5	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
83	4189.9	953.0	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
84	4189.9	1295.5	330.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
85	30.0	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
86	30.0	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
87	30.0	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
88	464.1	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
89	464.1	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
90	464.1	953.6	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
91	827.0	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
92	827.0	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
93	827.0	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
94	1189.9	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
95	1189.9	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
96	1189.9	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
97	1552.8	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
98	1552.8	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
99	1552.8	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
100	1925.9	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
101	1925.9	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
102	1925.9	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
103	2298.9	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
104	2298.9	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
105	2298.9	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
106	2661.8	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
107	2661.8	667.3	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
108	2652.2	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
109	3024.7	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
110	3024.7	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
111	3024.7	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
112	2982.5	1295.5	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
113	3397.8	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
114	3397.8	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	8														
115	3397. 8	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
116	3397. 8	1295. 5	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
117	3755. 8	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
118	3760. 6	664.9	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
119	3713. 8	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
120	3756. 3	1295. 5	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
121	4027. 9	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
122	4027. 9	1295. 5	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
123	4189. 9	20.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
124	4189. 9	668.5	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
125	4189. 9	953.0	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
126	4189. 9	1295. 5	665.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
127	30.0	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
128	30.0	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
129	30.0	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
130	464.1	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
131	464.1	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
132	464.1	953.6	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
133	827.0	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
134	827.0	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
135	827.0	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
136	1189. 9	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
137	1189. 9	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
138	1189. 9	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
139	1552. 8	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
140	1552. 8	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
141	1552. 8	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
142	1925. 9	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
143	1925. 9	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
144	1925. 9	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
145	2298. 9	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
146	2298. 9	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
147	2298. 9	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
148	2661. 8	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
149	2661. 8	667.3	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
150	2652. 2	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
151	3024.	20.0	1000.	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00

	7		0												
152	3024. 7	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
153	3024. 7	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
154	2982. 5	1295. 5	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
155	3397. 8	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
156	3397. 8	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
157	3397. 8	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
158	3397. 8	1295. 5	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
159	3755. 8	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
160	3760. 6	664.9	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
161	3713. 8	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
162	3756. 3	1295. 5	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
163	4027. 9	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
164	4027. 9	1295. 5	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
165	4189. 9	20.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
166	4189. 9	668.5	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
167	4189. 9	953.0	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
168	4189. 9	1295. 5	1000. 0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
169	3024. 7	20.0	1020. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
170	3024. 7	664.9	1233. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
171	3024. 7	953.0	1313. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
172	2982. 5	1295. 5	1410. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
173	3397. 8	20.0	1050. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
174	3397. 8	664.9	1233. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
175	3397. 8	953.0	1313. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
176	3397. 8	1295. 5	1410. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
177	3755. 8	20.0	1050. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
178	3760. 6	664.9	1233. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
179	3713. 8	953.0	1313. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
180	3756. 3	1295. 5	1410. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
181	4027. 9	953.0	1335. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
182	4027. 9	1295. 5	1410. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
183	4189. 9	20.0	1050. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
184	4189. 9	668.5	1233. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
185	4189. 9	953.0	1313. 0	Piano 4	M4	np	np	np	np	np	np	0.00	0.00	0.00	0.00
186	4189. 9	1295. 5	1410. 0	Piano 4	M4	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	2279.76	580.03	330.00
M2	Impalcato Rigido	2281.88	580.06	665.00
M3	Impalcato Rigido	2377.66	605.84	1000.00
M4	Impalcato Rigido	3611.00	735.96	1252.09

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;

Asta	Fili	NI	NF	Tipo	Sez	L [cm]	Imp.	Kwn [daN/c m³]	Kwt [daN/c m³]	Vincoli interni											
										Estremo In.						Estremo Fin.					
										SpoX	SpoY	SpoZ	RotX	RotY	RotZ	SpoX	SpoY	SpoZ	RotX	RotY	RotZ
1	1, 2	1	2	Trave Fond.	1	644.93	Fondazione	5.00	2.50	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, 4	1	4	Trave Fond.	1	434.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	2, 3	2	3	Trave Fond.	1	288.03	Fondazione	5.00	2.50	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	2, 5	2	5	Trave Fond.	1	434.10	Fondazione	5.00	2.50	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	3, 6	3	6	Trave Fond.	1	434.14	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6	4, 5	4	5	Trave Fond.	1	644.90	Fondazione	5.00	2.50	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	4, 7	4	7	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	5, 6	5	6	Trave Fond.	1	288.66	Fondazione	5.00	2.50	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	5, 8	5	8	Trave Fond.	1	362.93	Fondazione	5.00	2.50	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	6, 9	6	9	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	7, 8	7	8	Trave Fond.	1	644.93	Fondazione	5.00	2.50	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	7, 10	7	10	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	8, 9	8	9	Trave Fond.	1	288.03	Fondazione	5.00	2.50	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	8, 11	8	11	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	9, 12	9	12	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	10, 11	10	11	Trave Fond.	1	644.93	Fondazione	5.00	2.50	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	10, 13	10	13	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	11, 12	11	12	Trave Fond.	1	288.03	Fondazione	5.00	2.50	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	11, 14	11	14	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	12, 15	12	15	Trave Fond.	1	362.88	Fondazione	5.00	2.50	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	13, 14	13	14	Trave Fond.	1	644.93	Fondazione	5.00	2.50	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	13, 16	13	16	Trave Fond.	1	373.06	Fondazione	5.00	2.50	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	14, 15	14	15	Trave Fond.	1	288.03	Fondazione	5.00	2.50	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	14, 17	14	17	Trave Fond.	1	373.06	Fondazione	5.00	2.50	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	15, 18	15	18	Trave Fond.	1	373.06	Fondazione	5.00	2.50	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	16, 17	16	17	Trave Fond.	1	644.93	Fondazione	5.00	2.50	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	16, 19	16	19	Trave Fond.	1	373.06	Fondazione	5.00	2.50	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	17, 18	17	18	Trave Fond.	1	288.03	Fondazione	5.00	2.50	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	17, 20	17	20	Trave Fond.	1	373.06	Fondazione	5.00	2.50	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	18, 21	18	21	Trave Fond.	1	373.06	Fondazione	5.00	2.50	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	19, 20	19	20	Trave Fond.	1	644.93	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
32	19, 22	19	22	Trave Fond.	1	362.88	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
33	20, 21	20	21	Trave Fond.	1	288.03	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	20, 23	20	23	Trave Fond.	1	362.89	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	21, 24	21	24	Trave Fond.	1	353.30	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	22, 23	22	23	Trave Fond.	1	647.32	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	22, 25	22	25	Trave Fond.	1	362.88	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	23, 24	23	24	Trave Fond.	1	285.80	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	23, 26	23	26	Trave Fond.	1	362.89	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	24, 27	24	27	Trave Fond.	1	372.46	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41	25, 26	25	26	Trave Fond.	1	644.93	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	25, 29	25	29	Trave Fond.	1	373.06	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
43	26, 27	26	27	Trave Fond.	1	288.03	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
44	26, 30	26	30	Trave Fond.	1	373.06	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
45	28, 27	28	27	Trave Fond.	1	345.78	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
46	27, 31	27	31	Trave Fond.	1	373.06	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
47	32, 28	32	28	Trave Fond.	1	420.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
48	29, 30	29	30	Trave Fond.	1	644.93	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Relazione di calcolo

49	29, 33	29	33	Trave Fond.		358.09	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	30, 31	30	31	Trave Fond.	1	288.03	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
51	30, 34	30	34	Trave Fond.	1	362.88	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
52	31, 32	31	32	Trave Fond.	1	342.52	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
53	31, 35	31	35	Trave Fond.	1	311.07	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
54	36, 32	36	32	Trave Fond.	1	348.57	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	33, 34	33	34	Trave Fond.	1	644.94	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
56	33, 39	33	39	Trave Fond.	1	424.02	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
57	34, 35	34	35	Trave Fond.	1	292.65	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
58	34, 40	34	40	Trave Fond.	1	419.25	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
59	35, 36	35	36	Trave Fond.	1	344.57	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	35, 37	35	37	Trave Fond.	1	314.06	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
61	38, 36	38	36	Trave Fond.	1	276.56	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
62	37, 38	37	38	Trave Fond.	1	342.52	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
63	37, 41	37	41	Trave Fond.	1	156.98	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
64	42, 38	42	38	Trave Fond.	1	156.98	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
65	39, 40	39	40	Trave Fond.	1	648.52	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
66	40, 41	40	41	Trave Fond.	1	284.44	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
67	41, 42	41	42	Trave Fond.	1	342.52	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
68	1, 2	43	44	Trave Elev.	5	644.93	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
69	1, 4	43	46	Trave Elev.	5	434.14	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
70	2, 3	44	45	Trave Elev.	5	288.03	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
71	2, 5	44	47	Trave Elev.	5	434.10	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
72	3, 6	45	48	Trave Elev.	5	434.14	Piano 1	-	-	1.00									

429	32	176	158	Pilastro	7	410.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
430	33	177	159	Pilastro	7	50.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
431	34	178	160	Pilastro	7	233.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
432	35	179	161	Pilastro	3	313.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
433	36	180	162	Pilastro	7	410.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
434	37	181	163	Pilastro	4	335.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
435	38	182	164	Pilastro	4	410.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
436	39	183	165	Pilastro	7	50.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
437	40	184	166	Pilastro	7	233.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
438	41	185	167	Pilastro	7	313.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
439	42	186	168	Pilastro	7	410.00	Piano 4	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

3.6.4 Carichi distribuiti sugli elementi.

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	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
2	Fondazione	1, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
3	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
4	Fondazione	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
5	Fondazione	3, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
6	Fondazione	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
7	Fondazione	4, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
8	Fondazione	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
9	Fondazione	5, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
10	Fondazione	6, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
11	Fondazione	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
12	Fondazione	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
13	Fondazione	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
14	Fondazione	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
15	Fondazione	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
16	Fondazione	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00

[illegible]

			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
65	Fondazione	39, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
66	Fondazione	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
67	Fondazione	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-543.80	-543.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
68	Piano 1	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
69	Piano 1	1, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-713.90	-713.90
70	Piano 1	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
71	Piano 1	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-838.80	-838.80
72	Piano 1	3, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
73	Piano 1	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
74	Piano 1	4, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.09	-854.09
75	Piano 1	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
76	Piano 1	5, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-904.23	-904.23
77	Piano 1	6, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
78	Piano 1	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
79	Piano 1	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.09	-854.09
80	Piano 1	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
81	Piano 1	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-904.34	-904.34
82	Piano 1	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
83	Piano 1	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
84	Piano 1	10, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.08	-854.08
85	Piano 1	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
86	Piano 1	11, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-904.34	-904.34
87	Piano 1	12, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
88	Piano 1	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
89	Piano 1	13, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-830.78	-830.78
90	Piano 1	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
91	Piano 1	14, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
92	Piano 1	15, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
93	Piano 1	16, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
94	Piano 1	16, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-830.78	-830.78
95	Piano 1	17, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
96	Piano 1	17, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
97	Piano 1	18, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
98	Piano 1	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
99	Piano 1	19, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1439.31	-1439.31
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1347.30	-1347.30
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.00	-854.00
100	Piano 1	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
101	Piano 1	20, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-1785.56	-1760.63
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1216.80	-1193.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-913.56	-895.99
102	Piano 1	21, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-940.71
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-879.30
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-399.00
103	Piano 1	22, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
104	Piano 1	22, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-1439.31	-1439.31
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1347.30	-1347.30
			Car. Eserc.	0.00	0.00	0.00	0.00	-853.99	-853.99
105	Piano 1	23, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
106	Piano 1	23, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1782.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1214.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-903.26	-905.19
107	Piano 1	24, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-924.09	-949.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-863.70	-887.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-381.00	-408.00
108	Piano 1	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
109	Piano 1	25, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-830.78	-830.78
110	Piano 1	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
111	Piano 1	26, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
112	Piano 1	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-544.28	-544.28
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
113	Piano 1	27, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1334.05	-1364.52
			Car. Perm. G2	0.00	0.00	0.00	0.00	-793.00	-821.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-906.72	-939.42
114	Piano 1	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-958.52	-958.52
			Car. Eserc.	0.00	0.00	0.00	0.00	-483.00	-483.00
115	Piano 1	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
116	Piano 1	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-865.51	-865.51
117	Piano 1	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
118	Piano 1	30, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-1804.95	-1719.08
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1235.00	-1154.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-936.08	-874.99
119	Piano 1	31, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
120	Piano 1	31, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1361.75	-1361.75
			Car. Perm. G2	0.00	0.00	0.00	0.00	-819.00	-819.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-945.00	-945.00
121	Piano 1	36, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-944.56	-944.56
			Car. Eserc.	0.00	0.00	0.00	0.00	-483.00	-483.00
122	Piano 1	33, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
123	Piano 1	33, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-1406.07	-1455.93
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1303.81	-1350.61
			Car. Eserc.	0.00	0.00	0.00	0.00	-693.51	-734.98
124	Piano 1	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
125	Piano 1	34, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1782.79	-1782.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1214.20	-1214.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-840.60	-840.60
126	Piano 1	35, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-907.47	-907.47
			Car. Perm. G2	0.00	0.00	0.00	0.00	-392.60	-392.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-453.00	-453.00
127	Piano 1	35, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-918.55	-951.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-403.00	-434.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-465.00	-501.00
128	Piano 1	38, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
129	Piano 1	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-907.47	-907.47
			Car. Perm. G2	0.00	0.00	0.00	0.00	-392.60	-392.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-453.00	-453.00
130	Piano 1	37, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1358.98	-1356.21
			Car. Perm. G2	0.00	0.00	0.00	0.00	-816.40	-813.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-942.00	-939.00
131	Piano 1	42, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-935.63	-935.63
			Car. Eserc.	0.00	0.00	0.00	0.00	-483.00	-483.00
132	Piano 1	39, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.48	-553.48
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
133	Piano 1	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.42	-553.42
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
134	Piano 1	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
135	Piano 1	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
136	Piano 1	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
137	Piano 1	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
138	Piano 1	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00

139	Piano 1	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
140	Piano 1	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
141	Piano 1	7	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
142	Piano 1	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
143	Piano 1	9	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
144	Piano 1	10	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
145	Piano 1	11	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
146	Piano 1	12	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
147	Piano 1	13	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
148	Piano 1	14	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
149	Piano 1	15	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
150	Piano 1	16	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
151	Piano 1	17	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
152	Piano 1	18	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
153	Piano 1	19	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
154	Piano 1	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
155	Piano 1	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
156	Piano 1	22	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
157	Piano 1	23	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
158	Piano 1	24	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
159	Piano 1	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
160	Piano 1	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
161	Piano 1	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
162	Piano 1	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
163	Piano 1	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
164	Piano 1	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
165	Piano 1	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
166	Piano 1	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
167	Piano 1	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
168	Piano 1	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
169	Piano 1	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
170	Piano 1	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
171	Piano 1	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
172	Piano 1	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
173	Piano 1	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
174	Piano 1	40	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
175	Piano 1	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
176	Piano 1	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
177	Piano 2	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
178	Piano 2	1, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-713.90	-713.90
179	Piano 2	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
180	Piano 2	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-838.80	-838.80
181	Piano 2	3, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
182	Piano 2	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
183	Piano 2	4, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.09	-854.09
184	Piano 2	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
185	Piano 2	5, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-904.23	-904.23
186	Piano 2	6, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
187	Piano 2	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
188	Piano 2	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54

			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.09	-854.09
189	Piano 2	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
190	Piano 2	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-904.34	-904.34
191	Piano 2	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
192	Piano 2	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
193	Piano 2	10, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.08	-854.08
194	Piano 2	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
195	Piano 2	11, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-904.34	-904.34
196	Piano 2	12, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
197	Piano 2	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
198	Piano 2	13, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-830.78	-830.78
199	Piano 2	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
200	Piano 2	14, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
201	Piano 2	15, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
202	Piano 2	16, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
203	Piano 2	16, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-830.78	-830.78
204	Piano 2	17, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
205	Piano 2	17, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
206	Piano 2	18, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-881.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-402.00
207	Piano 2	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
208	Piano 2	19, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1439.31	-1439.31
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1347.30	-1347.30
			Car. Eserc.	0.00	0.00	0.00	0.00	-854.00	-854.00
209	Piano 2	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
210	Piano 2	20, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-1785.56	-1760.63
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1216.80	-1193.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-913.56	-895.99
211	Piano 2	21, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-940.71
			Car. Perm. G2	0.00	0.00	0.00	0.00	-881.90	-879.30
			Car. Eserc.	0.00	0.00	0.00	0.00	-402.00	-399.00
212	Piano 2	22, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
213	Piano 2	22, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-1439.31	-1439.31
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1347.30	-1347.30
			Car. Eserc.	0.00	0.00	0.00	0.00	-853.99	-853.99
214	Piano 2	23, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
215	Piano 2	23, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1782.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1214.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-903.26	-905.19
216	Piano 2	24, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-924.09	-949.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-863.70	-887.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-381.00	-408.00
217	Piano 2	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
218	Piano 2	25, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-830.78	-830.78
219	Piano 2	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
220	Piano 2	26, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1211.60	-1211.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
221	Piano 2	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-544.74	-544.74
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
222	Piano 2	27, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1334.05	-1364.52
			Car. Perm. G2	0.00	0.00	0.00	0.00	-793.00	-821.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-906.72	-939.42
223	Piano 2	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-952.10	-952.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-483.00	-483.00
224	Piano 2	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
225	Piano 2	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1344.70	-1344.70
			Car. Eserc.	0.00	0.00	0.00	0.00	-865.51	-865.51
226	Piano 2	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
227	Piano 2	30, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-1804.95	-1719.08
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1235.00	-1154.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-936.08	-874.99
228	Piano 2	31, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
229	Piano 2	31, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1361.75	-1361.75
			Car. Perm. G2	0.00	0.00	0.00	0.00	-819.00	-819.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-945.00	-945.00
230	Piano 2	36, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-944.66	-944.66
			Car. Eserc.	0.00	0.00	0.00	0.00	-483.00	-483.00
231	Piano 2	33, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
232	Piano 2	33, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-1406.07	-1455.93
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1316.10	-1362.90
			Car. Eserc.	0.00	0.00	0.00	0.00	-693.51	-734.98
233	Piano 2	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
234	Piano 2	34, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1782.79	-1782.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-1214.20	-1214.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-840.60	-840.60
235	Piano 2	35, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-907.47	-907.47
			Car. Perm. G2	0.00	0.00	0.00	0.00	-392.60	-392.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-453.00	-453.00
236	Piano 2	35, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-918.55	-951.79

			Car. Perm. G2	0.00	0.00	0.00	0.00	-403.00	-434.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-465.00	-501.00
237	Piano 2	38, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-563.32	-563.32
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
238	Piano 2	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-907.47	-907.47
			Car. Perm. G2	0.00	0.00	0.00	0.00	-392.60	-392.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-453.00	-453.00
239	Piano 2	37, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1358.98	-1356.21
			Car. Perm. G2	0.00	0.00	0.00	0.00	-816.40	-813.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-942.00	-939.00
240	Piano 2	42, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-952.10	-952.10
			Car. Eserc.	0.00	0.00	0.00	0.00	-483.00	-483.00
241	Piano 2	39, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
242	Piano 2	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
243	Piano 2	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-553.50	-553.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-20.00	-20.00
244	Piano 2	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
245	Piano 2	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
246	Piano 2	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
247	Piano 2	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
248	Piano 2	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
249	Piano 2	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
250	Piano 2	7	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
251	Piano 2	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
252	Piano 2	9	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
253	Piano 2	10	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
254	Piano 2	11	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
255	Piano 2	12	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
256	Piano 2	13	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
257	Piano 2	14	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
258	Piano 2	15	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
259	Piano 2	16	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
260	Piano 2	17	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
261	Piano 2	18	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
262	Piano 2	19	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
263	Piano 2	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
264	Piano 2	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
265	Piano 2	22	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
266	Piano 2	23	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
267	Piano 2	24	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
268	Piano 2	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
269	Piano 2	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
270	Piano 2	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
271	Piano 2	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
272	Piano 2	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
273	Piano 2	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
274	Piano 2	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
275	Piano 2	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
276	Piano 2	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
277	Piano 2	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
278	Piano 2	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
279	Piano 2	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
280	Piano 2	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
281	Piano 2	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
282	Piano 2	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
283	Piano 2	40	Car. Perm. G1	0.00	0.00	0.00	0.00	-700.00	-700.00
284	Piano 2	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
285	Piano 2	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
286	Piano 3	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
287	Piano 3	1, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-521.69	-521.69
288	Piano 3	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
289	Piano 3	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-503.98	-503.98
290	Piano 3	3, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-164.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-328.00
291	Piano 3	4, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
292	Piano 3	4, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-624.14	-624.14
293	Piano 3	5, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
294	Piano 3	5, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-602.82	-602.82
295	Piano 3	6, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-164.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-328.00
296	Piano 3	7, 8	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
297	Piano 3	7, 10	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-624.14	-624.14
298	Piano 3	8, 9	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
299	Piano 3	8, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-602.89	-602.89
300	Piano 3	9, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-164.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-328.00
301	Piano 3	10, 11	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
302	Piano 3	10, 13	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-624.14	-624.14
303	Piano 3	11, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
304	Piano 3	11, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-602.89	-602.89
305	Piano 3	12, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-164.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-328.00
306	Piano 3	13, 14	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
307	Piano 3	13, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-607.11	-607.11
308	Piano 3	14, 15	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
309	Piano 3	14, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-586.44	-586.44
310	Piano 3	15, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-164.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-328.00
311	Piano 3	16, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
312	Piano 3	16, 19	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54

			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-607.11	-607.11
313	Piano 3	17, 18	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
314	Piano 3	17, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-586.44	-586.44
315	Piano 3	18, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-943.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-164.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-328.00
316	Piano 3	19, 20	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
317	Piano 3	19, 22	Car. Perm. G1	0.00	0.00	0.00	0.00	-1439.31	-1439.31
			Car. Perm. G2	0.00	0.00	0.00	0.00	-343.00	-343.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-623.90	-623.90
318	Piano 3	20, 21	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
319	Piano 3	20, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-1785.56	-1760.63
			Car. Perm. G2	0.00	0.00	0.00	0.00	-468.00	-459.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-609.04	-597.33
320	Piano 3	21, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-943.48	-940.71
			Car. Perm. G2	0.00	0.00	0.00	0.00	-164.00	-163.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-328.00	-326.00
321	Piano 3	22, 23	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
322	Piano 3	22, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-1439.31	-1439.31
			Car. Perm. G2	0.00	0.00	0.00	0.00	-343.00	-343.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-623.90	-623.90
323	Piano 3	23, 24	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
324	Piano 3	23, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1782.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-467.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-602.17	-603.46
325	Piano 3	24, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-924.09	-949.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-157.00	-166.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-314.00	-332.00
326	Piano 3	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
327	Piano 3	25, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-547.20	-547.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-910.66	-910.66
328	Piano 3	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
329	Piano 3	26, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-745.60	-745.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-879.66	-879.66
330	Piano 3	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
331	Piano 3	27, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1334.05	-1364.52
			Car. Perm. G2	0.00	0.00	0.00	0.00	-488.00	-505.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-906.72	-939.42
332	Piano 3	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-305.60	-305.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-573.00	-573.00
333	Piano 3	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
334	Piano 3	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-547.20	-547.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-948.73	-948.73
335	Piano 3	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
336	Piano 3	30, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-1804.95	-1719.08

			Car. Perm. G2	0.00	0.00	0.00	0.00	-760.00	-710.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-936.08	-874.99
337	Piano 3	31, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
338	Piano 3	31, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1361.75	-1361.75
			Car. Perm. G2	0.00	0.00	0.00	0.00	-504.00	-504.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-945.00	-945.00
339	Piano 3	36, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-305.60	-305.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-573.00	-573.00
340	Piano 3	33, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
341	Piano 3	33, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-1406.07	-1455.93
			Car. Perm. G2	0.00	0.00	0.00	0.00	-529.60	-558.40
			Car. Eserc.	0.00	0.00	0.00	0.00	-762.63	-804.10
342	Piano 3	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-120.00	-120.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
343	Piano 3	34, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1782.79	-1782.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-747.20	-747.20
			Car. Eserc.	0.00	0.00	0.00	0.00	-764.37	-764.37
344	Piano 3	35, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
345	Piano 3	35, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-1336.82	-1370.06
			Car. Perm. G2	0.00	0.00	0.00	0.00	-489.60	-508.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-918.00	-954.00
346	Piano 3	38, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-305.60	-305.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-573.00	-573.00
347	Piano 3	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
348	Piano 3	37, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1358.98	-1356.21
			Car. Perm. G2	0.00	0.00	0.00	0.00	-502.40	-500.80
			Car. Eserc.	0.00	0.00	0.00	0.00	-942.00	-939.00
349	Piano 3	42, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-305.60	-305.60
			Car. Eserc.	0.00	0.00	0.00	0.00	-573.00	-573.00
350	Piano 3	39, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
351	Piano 3	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
352	Piano 3	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-80.00	-80.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
353	Piano 3	1	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
354	Piano 3	2	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
355	Piano 3	3	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
356	Piano 3	4	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
357	Piano 3	5	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
358	Piano 3	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
359	Piano 3	7	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
360	Piano 3	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
361	Piano 3	9	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
362	Piano 3	10	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
363	Piano 3	11	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
364	Piano 3	12	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
365	Piano 3	13	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
366	Piano 3	14	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
367	Piano 3	15	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
368	Piano 3	16	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
369	Piano 3	17	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
370	Piano 3	18	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
371	Piano 3	19	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
372	Piano 3	20	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
373	Piano 3	21	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
374	Piano 3	22	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00

375	Piano 3	23	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
376	Piano 3	24	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
377	Piano 3	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
378	Piano 3	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
379	Piano 3	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
380	Piano 3	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
381	Piano 3	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
382	Piano 3	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
383	Piano 3	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
384	Piano 3	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
385	Piano 3	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
386	Piano 3	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
387	Piano 3	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
388	Piano 3	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
389	Piano 3	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
390	Piano 3	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
391	Piano 3	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
392	Piano 3	40	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
393	Piano 3	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
394	Piano 3	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
395	Piano 4	25, 26	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
396	Piano 4	25, 29	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-605.16	-605.16
397	Piano 4	26, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
398	Piano 4	26, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-1780.02	-1780.02
			Car. Perm. G2	0.00	0.00	0.00	0.00	-466.00	-466.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-586.44	-586.44
399	Piano 4	28, 27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
400	Piano 4	27, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-1334.05	-1364.52
			Car. Perm. G2	0.00	0.00	0.00	0.00	-305.00	-316.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-604.48	-626.28
401	Piano 4	32, 28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-191.00	-191.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-382.00	-382.00
402	Piano 4	29, 30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
403	Piano 4	29, 33	Car. Perm. G1	0.00	0.00	0.00	0.00	-1436.54	-1436.54
			Car. Perm. G2	0.00	0.00	0.00	0.00	-342.00	-342.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-632.49	-632.49
404	Piano 4	30, 31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
405	Piano 4	30, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-1804.95	-1719.08
			Car. Perm. G2	0.00	0.00	0.00	0.00	-475.00	-444.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-624.06	-583.33
406	Piano 4	31, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
407	Piano 4	31, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1361.75	-1361.75
			Car. Perm. G2	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-630.00	-630.00
408	Piano 4	36, 32	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-191.00	-191.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-382.00	-382.00
409	Piano 4	33, 34	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
410	Piano 4	33, 39	Car. Perm. G1	0.00	0.00	0.00	0.00	-1406.07	-1455.93
			Car. Perm. G2	0.00	0.00	0.00	0.00	-331.00	-349.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-508.42	-536.07
411	Piano 4	34, 35	Car. Perm. G1	0.00	0.00	0.00	0.00	-315.00	-315.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-120.00	-120.00
412	Piano 4	34, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-1782.79	-1782.79

			Car. Perm. G2	0.00	0.00	0.00	0.00	-467.00	-467.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-509.58	-509.58
413	Piano 4	35, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-907.47	-907.47
			Car. Perm. G2	0.00	0.00	0.00	0.00	-151.00	-151.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-302.00	-302.00
414	Piano 4	35, 37	Car. Perm. G1	0.00	0.00	0.00	0.00	-918.55	-951.79
			Car. Perm. G2	0.00	0.00	0.00	0.00	-155.00	-167.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-310.00	-334.00
415	Piano 4	38, 36	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
416	Piano 4	37, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-907.47	-907.47
			Car. Perm. G2	0.00	0.00	0.00	0.00	-151.00	-151.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-302.00	-302.00
417	Piano 4	37, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-1358.98	-1356.21
			Car. Perm. G2	0.00	0.00	0.00	0.00	-314.00	-313.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-628.00	-626.00
418	Piano 4	42, 38	Car. Perm. G1	0.00	0.00	0.00	0.00	-1018.27	-1018.27
			Car. Perm. G2	0.00	0.00	0.00	0.00	-191.00	-191.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-382.00	-382.00
419	Piano 4	39, 40	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
420	Piano 4	40, 41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
421	Piano 4	41, 42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-40.00	-40.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-80.00	-80.00
422	Piano 4	25	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
423	Piano 4	26	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
424	Piano 4	27	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
425	Piano 4	28	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
426	Piano 4	29	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
427	Piano 4	30	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
428	Piano 4	31	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
429	Piano 4	32	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
430	Piano 4	33	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
431	Piano 4	34	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
432	Piano 4	35	Car. Perm. G1	0.00	0.00	0.00	0.00	-1450.00	-1450.00
433	Piano 4	36	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
434	Piano 4	37	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
435	Piano 4	38	Car. Perm. G1	0.00	0.00	0.00	0.00	-400.00	-400.00
436	Piano 4	39	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
437	Piano 4	40	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
438	Piano 4	41	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00
439	Piano 4	42	Car. Perm. G1	0.00	0.00	0.00	0.00	-600.00	-600.00

4 Risultati di Calcolo.

4.1 Stati Limite SLV.

Di seguito saranno riportati i seguenti diagrammi:

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

- Taglio X-Y;

4.1.1 Verifiche Nodi.

4.1.1.1 Verifiche SLV - Verifica Nodo. - PGA SLV = 0.0000 g.

Nodo : numerazione interna del nodo;
 Imp. : impalcato al quale appartiene il nodo considerato;
 Filo : filo fisso al quale appartiene il nodo considerato;
 Tipo Ver. : tipo di verifica effettuata:
 Staffe : effettuata considerando la sola armatura presente;
 Tens.Cls : effettuata in base alla circolare esplicativa;
 σ_{Nt} : tensione di trazione.
 σ_{Nc} : tensione di compressione.
 S : valore del coefficiente di sicurezza.
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 72.I

Nodo	Imp.	Filo	Tipo Ver.	Direzione X				Direzione Y				Esito
				CC	σ_{Nt} [daN/cm ²]	σ_{Nc} [daN/cm ²]	S	CC	σ_{Nt} [daN/cm ²]	σ_{Nc} [daN/cm ²]	S	
1	Fondazio ne	1										CONFINATO
2	Fondazio ne	2										CONFINATO
3	Fondazio ne	3										CONFINATO
4	Fondazio ne	4										CONFINATO
5	Fondazio ne	5										CONFINATO
6	Fondazio ne	6										CONFINATO
7	Fondazio ne	7										CONFINATO
8	Fondazio ne	8										CONFINATO
9	Fondazio ne	9										CONFINATO
10	Fondazio ne	10										CONFINATO
11	Fondazio ne	11										CONFINATO
12	Fondazio ne	12										CONFINATO
13	Fondazio ne	13										CONFINATO
14	Fondazio ne	14										CONFINATO
15	Fondazio ne	15										CONFINATO
16	Fondazio ne	16										CONFINATO
17	Fondazio ne	17										CONFINATO
18	Fondazio ne	18										CONFINATO
19	Fondazio ne	19										CONFINATO
20	Fondazio ne	20										CONFINATO
21	Fondazio ne	21										CONFINATO
22	Fondazio ne	22										CONFINATO
23	Fondazio	23										CONFINATO

	ne												
24	Fondazio ne	24	CONFINATO										
25	Fondazio ne	25	CONFINATO										
26	Fondazio ne	26	CONFINATO										
27	Fondazio ne	27	CONFINATO										
28	Fondazio ne	28	CONFINATO										
29	Fondazio ne	29	CONFINATO										
30	Fondazio ne	30	CONFINATO										
31	Fondazio ne	31	CONFINATO										
32	Fondazio ne	32	CONFINATO										
33	Fondazio ne	33	CONFINATO										
34	Fondazio ne	34	CONFINATO										
35	Fondazio ne	35	CONFINATO										
36	Fondazio ne	36	CONFINATO										
37	Fondazio ne	37	CONFINATO										
38	Fondazio ne	38	CONFINATO										
39	Fondazio ne	39	CONFINATO										
40	Fondazio ne	40	CONFINATO										
41	Fondazio ne	41	CONFINATO										
42	Fondazio ne	42	CONFINATO										
43	Piano 1	1	Tens.Cls	1	0.28	6.70	5.64	1	0.08	6.50	5.81	V	
44	Piano 1	2	Tens.Cls	1	0.28	9.15	4.13	1	0.03	8.90	4.24	V	
45	Piano 1	3	Tens.Cls	1	0.19	4.04	9.35	1	0.12	3.97	9.51	V	
46	Piano 1	4	Tens.Cls	1	0.06	9.35	4.04	1	0.71	10.00	3.78	V	
47	Piano 1	5	CONFINATO										
48	Piano 1	6	Tens.Cls	1	0.02	6.28	6.01	1	0.00	6.27	6.03	V	
49	Piano 1	7	Tens.Cls	1	0.01	8.35	4.52	1	0.79	9.12	4.14	V	
50	Piano 1	8	CONFINATO										
51	Piano 1	9	Tens.Cls	1	0.02	5.58	6.77	1	0.00	5.56	6.79	V	
52	Piano 1	10	Tens.Cls	1	0.00	8.59	4.40	1	0.00	8.59	4.40	V	
53	Piano 1	11	Tens.Cls	1	0.01	10.70	3.53	1	0.00	10.69	3.53	V	
54	Piano 1	12	Tens.Cls	1	0.02	5.61	6.73	1	0.09	5.69	6.64	V	
55	Piano 1	13	Tens.Cls	1	0.00	8.46	4.47	1	0.77	9.23	4.09	V	
56	Piano 1	14	CONFINATO										
57	Piano 1	15	Tens.Cls	1	0.03	5.70	6.63	1	0.00	5.67	6.67	V	
58	Piano 1	16	Tens.Cls	1	0.00	8.52	4.43	1	0.75	9.27	4.08	V	
59	Piano 1	17	CONFINATO										
60	Piano 1	18	Tens.Cls	1	0.03	5.81	6.50	1	0.00	5.78	6.53	V	
61	Piano 1	19	Tens.Cls	1	0.02	8.48	4.45	1	0.75	9.21	4.10	V	
62	Piano 1	20	CONFINATO										
63	Piano 1	21	Tens.Cls	1	0.07	5.76	6.56	1	0.00	5.69	6.64	V	
64	Piano 1	22	Tens.Cls	1	0.11	8.66	4.36	1	0.74	9.29	4.07	V	
65	Piano 1	23	CONFINATO										
66	Piano 1	24	Tens.Cls	1	0.30	6.36	5.94	1	0.00	6.06	6.23	V	
67	Piano 1	25	Tens.Cls	1	0.19	10.44	3.62	1	0.60	10.85	3.48	V	
68	Piano 1	26	CONFINATO										
69	Piano 1	27	Tens.Cls	1	0.13	10.70	3.53	1	0.22	10.79	3.50	V	
70	Piano 1	28	Tens.Cls	1	0.02	4.40	8.58	1	0.12	4.50	8.39	V	
71	Piano 1	29	Tens.Cls	1	0.04	11.73	3.22	1	0.00	11.69	3.23	V	
72	Piano 1	30	Tens.Cls	1	0.06	15.14	2.49	1	0.02	15.10	2.50	V	
73	Piano 1	31	Tens.Cls	1	0.02	11.01	3.43	1	0.02	11.01	3.43	V	
74	Piano 1	32	Tens.Cls	1	0.07	9.75	3.88	1	0.00	9.68	3.90	V	
75	Piano 1	33	Tens.Cls	1	0.15	12.83	2.94	1	0.52	13.20	2.86	V	
76	Piano 1	34	CONFINATO										

77	Piano 1	35	Tens.Cls	1	0.00	7.17	5.27	1	0.00	7.17	5.27	V
78	Piano 1	36	Tens.Cls	1	0.00	9.15	4.13	1	0.01	9.16	4.12	V
79	Piano 1	37	Tens.Cls	1	0.00	10.54	3.58	1	0.05	10.59	3.57	V
80	Piano 1	38	Tens.Cls	1	0.05	9.14	4.13	1	0.03	9.12	4.14	V
81	Piano 1	39	Tens.Cls	1	0.13	8.86	4.27	1	0.03	8.76	4.31	V
82	Piano 1	40	Tens.Cls	1	0.13	12.44	3.04	1	0.13	12.43	3.04	V
83	Piano 1	41	Tens.Cls	1	0.01	7.40	5.11	1	0.00	7.39	5.11	V
84	Piano 1	42	Tens.Cls	1	0.07	5.65	6.68	1	0.00	5.59	6.76	V
85	Piano 2	1	Tens.Cls	1	0.85	3.86	9.74	1	0.73	3.75	10.09	V
86	Piano 2	2	Tens.Cls	1	0.74	5.09	7.42	1	0.56	4.92	7.68	V
87	Piano 2	3	Tens.Cls	1	0.60	2.43	13.67	1	0.00	1.83	20.62	V
88	Piano 2	4	Tens.Cls	1	0.56	5.14	7.35	1	1.72	6.30	4.80	V
89	Piano 2	5	CONFINATO									
90	Piano 2	6	Tens.Cls	1	0.33	3.37	11.21	1	0.10	3.15	12.01	V
91	Piano 2	7	Tens.Cls	1	0.02	4.11	9.19	1	1.83	5.92	4.50	V
92	Piano 2	8	CONFINATO									
93	Piano 2	9	Tens.Cls	1	0.02	2.69	14.02	1	0.11	2.79	13.56	V
94	Piano 2	10	Tens.Cls	1	0.02	4.26	8.86	1	0.14	4.38	8.63	V
95	Piano 2	11	Tens.Cls	1	0.01	5.75	6.57	1	0.25	5.99	6.31	V
96	Piano 2	12	Tens.Cls	1	0.01	2.68	14.10	1	0.00	2.67	14.13	V
97	Piano 2	13	Tens.Cls	1	0.01	4.17	9.05	1	1.80	5.96	4.58	V
98	Piano 2	14	CONFINATO									
99	Piano 2	15	Tens.Cls	1	0.00	2.74	13.80	1	0.12	2.86	13.21	V
100	Piano 2	16	Tens.Cls	1	0.01	4.19	9.02	1	1.77	5.95	4.66	V
101	Piano 2	17	CONFINATO									
102	Piano 2	18	Tens.Cls	1	0.00	2.80	13.51	1	0.11	2.91	12.98	V
103	Piano 2	19	Tens.Cls	1	0.00	4.16	9.09	1	1.76	5.91	4.69	V
104	Piano 2	20	CONFINATO									
105	Piano 2	21	Tens.Cls	1	0.02	2.74	13.78	1	0.12	2.84	13.30	V
106	Piano 2	22	Tens.Cls	1	0.10	4.27	8.85	1	1.78	5.95	4.64	V
107	Piano 2	23	CONFINATO									
108	Piano 2	24	Tens.Cls	1	0.44	3.46	10.91	1	0.09	3.11	12.13	V
109	Piano 2	25	Tens.Cls	1	0.24	6.50	5.81	1	1.36	7.62	4.96	V
110	Piano 2	26	CONFINATO									
111	Piano 2	27	Tens.Cls	1	0.18	7.33	5.15	1	0.20	7.35	5.14	V
112	Piano 2	28	Tens.Cls	1	0.06	2.84	13.33	1	0.03	2.81	13.47	V
113	Piano 2	29	Tens.Cls	1	0.05	8.03	4.70	1	0.07	8.06	4.69	V
114	Piano 2	30	Tens.Cls	1	0.04	11.12	3.40	1	0.21	11.29	3.35	V
115	Piano 2	31	Tens.Cls	1	0.01	8.04	4.70	1	0.00	8.03	4.70	V
116	Piano 2	32	Tens.Cls	1	0.30	7.03	5.37	1	0.00	6.74	5.61	V
117	Piano 2	33	Tens.Cls	1	0.23	8.88	4.25	1	1.09	9.75	3.88	V
118	Piano 2	34	CONFINATO									
119	Piano 2	35	Tens.Cls	1	0.00	4.74	7.97	1	0.00	4.74	7.97	V
120	Piano 2	36	Tens.Cls	1	0.12	5.58	6.76	1	0.07	5.53	6.83	V
121	Piano 2	37	Tens.Cls	1	0.00	6.45	5.85	1	0.09	6.55	5.77	V
122	Piano 2	38	Tens.Cls	1	0.00	5.32	7.10	1	0.23	5.55	6.80	V
123	Piano 2	39	Tens.Cls	1	0.70	6.29	6.00	1	0.44	6.03	6.26	V
124	Piano 2	40	Tens.Cls	1	0.65	7.86	4.81	1	0.56	7.76	4.87	V
125	Piano 2	41	Tens.Cls	1	0.03	5.44	6.94	1	0.01	5.41	6.98	V
126	Piano 2	42	Tens.Cls	1	0.05	4.09	9.23	1	0.10	4.14	9.12	V
127	Piano 3	1	Tens.Cls	1	0.22	2.40	15.75	1	0.10	2.27	16.61	V
128	Piano 3	2	Tens.Cls	1	0.27	3.79	9.96	1	0.09	3.61	10.46	V
129	Piano 3	3	Tens.Cls	1	0.16	1.15	32.88	1	0.00	0.99	38.01	V
130	Piano 3	4	Tens.Cls	1	0.15	3.89	9.70	1	1.81	5.56	4.55	V
131	Piano 3	5	CONFINATO									
132	Piano 3	6	Tens.Cls	1	0.09	2.30	16.44	1	0.08	2.28	16.56	V
133	Piano 3	7	Tens.Cls	1	0.00	3.26	11.60	1	1.94	5.19	4.26	V
134	Piano 3	8	CONFINATO									
135	Piano 3	9	Tens.Cls	1	0.01	1.85	20.45	1	0.08	1.92	19.65	V
136	Piano 3	10	Tens.Cls	1	0.01	3.41	11.08	1	0.04	3.45	10.95	V
137	Piano 3	11	Tens.Cls	1	0.00	4.90	7.70	1	0.07	4.97	7.60	V
138	Piano 3	12	Tens.Cls	1	0.00	1.84	20.56	1	0.00	1.83	20.60	V
139	Piano 3	13	Tens.Cls	1	0.01	3.33	11.35	1	1.89	5.22	4.35	V
140	Piano 3	14	CONFINATO									
141	Piano 3	15	Tens.Cls	1	0.00	1.90	19.87	1	0.10	2.00	18.93	V
142	Piano 3	16	Tens.Cls	1	0.00	3.35	11.29	1	1.84	5.18	4.47	V
143	Piano 3	17	CONFINATO									
144	Piano 3	18	Tens.Cls	1	0.00	1.96	19.28	1	0.08	2.04	18.51	V
145	Piano 3	19	Tens.Cls	1	0.00	3.32	11.38	1	1.82	5.14	4.53	V
146	Piano 3	20	CONFINATO									
147	Piano 3	21	Tens.Cls	1	0.00	1.89	19.99	1	0.08	1.97	19.16	V
148	Piano 3	22	Tens.Cls	1	0.02	3.35	11.27	1	1.81	5.14	4.55	V

149	Piano 3	23	CONFINATO									
150	Piano 3	24	Tens.Cls	1	0.23	2.41	15.68	1	0.07	2.25	16.77	V
151	Piano 3	25	Tens.Cls	1	0.11	2.11	17.94	1	2.32	4.31	3.56	V
152	Piano 3	26	CONFINATO									
153	Piano 3	27	Tens.Cls	1	0.54	3.69	10.23	1	0.23	3.39	11.16	V
154	Piano 3	28	Tens.Cls	1	0.02	1.53	24.71	1	0.06	1.57	24.11	V
155	Piano 3	29	Tens.Cls	1	0.06	3.57	10.60	1	0.00	3.51	10.78	V
156	Piano 3	30	Tens.Cls	1	0.08	5.31	7.11	1	0.39	5.62	6.72	V
157	Piano 3	31	Tens.Cls	1	0.08	3.90	9.69	1	0.00	3.82	9.88	V
158	Piano 3	32	Tens.Cls	1	0.42	3.80	9.95	1	0.00	3.38	11.17	V
159	Piano 3	33	Tens.Cls	1	0.01	3.84	9.84	1	1.72	5.55	4.79	V
160	Piano 3	34	CONFINATO									
161	Piano 3	35	Tens.Cls	1	0.01	2.31	16.33	1	0.00	2.31	16.37	V
162	Piano 3	36	Tens.Cls	1	0.13	3.25	11.63	1	0.01	3.13	12.07	V
163	Piano 3	37	Tens.Cls	1	0.04	3.07	12.31	1	0.08	3.11	12.17	V
164	Piano 3	38	Tens.Cls	1	0.06	2.69	14.05	1	0.13	2.76	13.70	V
165	Piano 3	39	Tens.Cls	1	0.03	2.39	15.84	1	0.03	2.39	15.83	V
166	Piano 3	40	Tens.Cls	1	0.81	4.71	8.01	1	0.61	4.51	8.37	V
167	Piano 3	41	Tens.Cls	1	0.16	2.79	13.54	1	0.00	2.63	14.35	V
168	Piano 3	42	Tens.Cls	1	0.20	2.25	16.79	1	0.04	2.09	18.04	V
169	Piano 4	25	Tens.Cls	1	0.18	2.13	17.76	1	2.06	4.00	4.01	V
170	Piano 4	26	Tens.Cls	1	0.70	3.35	11.29	1	1.20	3.85	6.87	V
171	Piano 4	27	Tens.Cls	1	0.35	2.72	13.90	1	0.11	2.48	15.24	V
172	Piano 4	28	Tens.Cls	1	0.10	0.58	65.06	1	0.06	0.54	69.65	V
173	Piano 4	29	Tens.Cls	1	0.05	3.43	11.03	1	0.00	3.38	11.18	V
174	Piano 4	30	Tens.Cls	1	0.02	4.67	8.08	1	0.09	4.75	7.95	V
175	Piano 4	31	Tens.Cls	1	0.03	3.07	12.30	1	0.01	3.05	12.39	V
176	Piano 4	32	Tens.Cls	1	0.13	2.48	15.21	1	0.00	2.36	16.04	V
177	Piano 4	33	Tens.Cls	1	0.04	3.75	10.09	1	1.42	5.13	5.79	V
178	Piano 4	34	CONFINATO									
179	Piano 4	35	Tens.Cls	1	0.00	1.52	24.78	1	0.00	1.52	24.78	V
180	Piano 4	36	Tens.Cls	1	0.05	2.15	17.58	1	0.00	2.10	18.02	V
181	Piano 4	37	Tens.Cls	1	0.00	2.19	17.24	1	0.19	2.38	15.84	V
182	Piano 4	38	Tens.Cls	1	0.01	1.61	23.50	1	0.12	1.72	21.91	V
183	Piano 4	39	Tens.Cls	1	0.02	2.25	16.77	1	0.02	2.25	16.77	V
184	Piano 4	40	Tens.Cls	1	0.42	3.75	10.09	1	0.17	3.49	10.83	V
185	Piano 4	41	Tens.Cls	1	0.08	1.93	19.62	1	0.00	1.85	20.43	V
186	Piano 4	42	Tens.Cls	1	0.13	1.15	32.73	1	0.00	1.03	36.78	V

4.1.2 Verifiche Aste SLV.

4.1.2.1 Pilastri.

4.1.2.1.1 Verifiche Pilastri in C.A..

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

4.1.2.1.1.1 Verifica Flessione Composta Deviata - PGA SLV = 0.0000 g.

- Pilastro : numerazione del pilastro (*interna alla relazione di calcolo*);
Asta : numerazione interna dell'asta;
Imp. : impalcato al quale appartiene l'asta considerata;
Filo : filo fisso dell'asta considerata (*numerazione corrispondente con elaborati grafici esecutivi*);
Tipo Sez. : tipo di sezione dell'asta considerata;
 ϵ_{c2} : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
 ϵ_{cu2} : deformazione ultima di contrazione del calcestruzzo;
Pos. : Posizione misurata lungo l'asse dell'asta
Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 A_{sn} : valore dell'area dell'acciaio strettamente necessaria;
CdC : indice della combinazione di carico più gravosa ("G" è relativa alle combinazioni aggiuntive per la

gerarchia di resistenza)

Azioni Sollecitanti:

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

ϵ_{cls} : deformazione massima del calcestruzzo compresso

ϵ_{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 73.I

Pilastro	Filo	Asta	Imp.	Tipo Sez.	Posizione	Asn [cm ²]	Azioni Sollecitanti			Azioni Resistenti			S	Esito
							Nsd [daN]	Msdxz [daNm]	Msdxy [daNm]	Nrd [daN]	Mrdxz [daNm]	Mrdxy [daNm]		
1	1	135	Piano 1	2	Testa	20.1	-26721	217	0	-26722	10642	0	49.03	V
						20.1	-26721	0	-1163	-26720	0	-18735	16.11	V
					Piede	20.1	-28611	3190	0	-28612	10891	0	3.41	V
						20.1	-28611	0	-3290	-28611	0	-19122	5.81	V
2	1	244	Piano 2	7	Testa	12.1	-16144	976	0	-16144	6631	0	6.80	V
						12.1	-16144	0	-1082	-16143	0	-10117	9.35	V
					Piede	12.1	-17794	-1361	0	-17794	-6900	0	5.07	V
						12.1	-17794	0	1231	-17793	0	10475	8.51	V
3	1	353	Piano 3	7	Testa	8.0	-5405	839	0	-5406	3630	0	4.33	V
						8.0	-5405	0	-1096	-5405	0	-5587	5.10	V
					Piede	8.0	-7055	-868	0	-7054	-3904	0	4.50	V
						8.0	-7055	0	1082	-7055	0	6023	5.57	V
4	2	136	Piano 1	2	Testa	20.1	-38513	27	0	-38513	12081	0	455.02	V
						20.1	-38513	0	-1385	-38513	0	-20791	15.01	V
					Piede	20.1	-40403	-1318	0	-40403	-12286	0	9.32	V
						20.1	-40403	0	-2561	-40403	0	-21067	8.23	V
5	2	245	Piano 2	7	Testa	12.1	-23007	-1020	0	-23006	-7701	0	7.55	V
						12.1	-23007	0	-1118	-23007	0	-11544	10.32	V
					Piede	12.1	-24657	1135	0	-24657	7942	0	7.00	V
						12.1	-24657	0	1228	-24656	0	11863	9.66	V
6	2	354	Piano 3	7	Testa	12.1	-8619	-887	0	-8619	-5398	0	6.09	V
						12.1	-8619	0	-1361	-8619	0	-8369	6.15	V
					Piede	12.1	-10269	840	0	-10268	5669	0	6.75	V
						12.1	-10269	0	1189	-10269	0	8769	7.38	V
7	3	137	Piano 1	2	Testa	20.1	-14508	719	0	-14508	8867	0	12.33	V
						20.1	-14508	0	-755	-14509	0	-15941	21.11	V
					Piede	20.1	-16398	-977	0	-16398	-9161	0	9.37	V
						20.1	-16398	0	-2685	-16398	0	-16406	6.11	V
8	3	246	Piano 2	7	Testa	12.1	-8968	-56	0	-8966	-5455	0	97.99	V
						12.1	-8968	0	-773	-8968	0	-8455	10.94	V
					Piede	12.1	-10618	3	0	-10617	5727	0	1735.32	V
						12.1	-10618	0	899	-10618	0	8852	9.85	V
9	3	355	Piano 3	7	Testa	8.0	-2565	1	0	-2566	3158	0	2654.19	V
						8.0	-2565	0	-731	-2564	0	-4834	6.62	V
					Piede	8.0	-4215	-14	0	-4215	-3433	0	250.37	V
						8.0	-4215	0	715	-4215	0	5272	7.37	V

10	4	138	Piano 1	2	Testa	20.1	-39652	287	0	-39652	12205	0	42.57	V
						20.1	-39652	0	16	-39652	0	20958	1297.70	V
					Piede	20.1	-41542	2989	0	-41542	12407	0	4.15	V
						20.1	-41542	0	1026	-41542	0	21232	20.69	V
11	4	247	Piano 2	7	Testa	12.1	-24176	571	0	-24176	7872	0	13.80	V
						12.1	-24176	0	1062	-24176	0	11771	11.08	V
					Piede	12.1	-25826	-1175	0	-25826	-8109	0	6.90	V
						12.1	-25826	0	-1376	-25826	0	-12084	8.78	V
12	4	356	Piano 3	7	Testa	8.0	-9162	1077	0	-9162	4252	0	3.95	V
						8.0	-9162	0	1118	-9162	0	6580	5.88	V
					Piede	8.0	-10812	-560	0	-10813	-4525	0	8.08	V
						8.0	-10812	0	-940	-10812	0	-7014	7.46	V
13	5	139	Piano 1	2	Testa	20.1	-45823	-18	0	-45822	-12837	0	699.94	V
						20.1	-45823	0	46	-45823	0	21842	472.86	V
					Piede	20.1	-47713	-1336	0	-47712	-13016	0	9.74	V
						20.1	-47713	0	916	-47713	0	22104	24.13	V
14	5	248	Piano 2	7	Testa	12.1	-28586	-498	0	-28586	-8491	0	17.04	V
						12.1	-28586	0	1049	-28586	0	12586	12.00	V
					Piede	12.1	-30236	916	0	-30235	8711	0	9.51	V
						12.1	-30236	0	-1348	-30236	0	-12873	9.55	V
15	5	357	Piano 3	7	Testa	8.0	-11941	-894	0	-11940	-4710	0	5.27	V
						8.0	-11941	0	1273	-11941	0	7310	5.74	V
					Piede	8.0	-13591	506	0	-13591	4981	0	9.84	V
						8.0	-13591	0	-1029	-13591	0	-7734	7.52	V
16	6	140	Piano 1	2	Testa	20.1	-26191	292	0	-26191	10571	0	36.24	V
						20.1	-26191	0	-168	-26191	0	-18624	110.53	V
					Piede	20.1	-28081	-957	0	-28081	-10822	0	11.31	V
						20.1	-28081	0	1051	-28082	0	19015	18.10	V
17	6	249	Piano 2	7	Testa	12.1	-15716	-117	0	-15717	-6562	0	56.26	V
						12.1	-15716	0	657	-15715	0	10023	15.26	V
					Piede	12.1	-17366	330	0	-17365	6830	0	20.70	V
						12.1	-17366	0	-919	-17365	0	-10383	11.30	V
18	6	358	Piano 3	7	Testa	8.0	-5471	-142	0	-5472	-3641	0	25.65	V
						8.0	-5471	0	687	-5471	0	5604	8.16	V
					Piede	8.0	-7121	67	0	-7120	3914	0	58.52	V
						8.0	-7121	0	-586	-7121	0	-6041	10.31	V
19	7	141	Piano 1	2	Testa	20.1	-34852	254	0	-34852	11663	0	45.88	V
						20.1	-34852	0	-818	-34851	0	-20247	24.76	V
					Piede	20.1	-36742	2989	0	-36742	11882	0	3.98	V
						20.1	-36742	0	787	-36742	0	20529	26.07	V
20	7	250	Piano 2	7	Testa	12.1	-21510	535	0	-21510	7477	0	13.98	V
						12.1	-21510	0	194	-21509	0	11246	57.92	V
					Piede	12.1	-23160	-1141	0	-23161	-7724	0	6.77	V
						12.1	-23160	0	-330	-23161	0	-11574	35.11	V
21	7	359	Piano 3	7	Testa	8.0	-7984	1087	0	-7984	4058	0	3.73	V
						8.0	-7984	0	161	-7983	0	6269	39.00	V
					Piede	8.0	-9634	-537	0	-9634	-4330	0	8.06	V
						8.0	-9634	0	-142	-9634	0	-6704	47.20	V
22	8	142	Piano 1	2	Testa	20.1	-41214	-7	0	-41214	-12372	0	1681.02	V
						20.1	-41214	0	-1080	-41214	0	-21185	19.61	V
					Piede	20.1	-43104	-1332	0	-43104	-12568	0	9.43	V
						20.1	-43104	0	1167	-43103	0	21457	18.39	V
23	8	251	Piano 2	7	Testa	12.1	-25977	-476	0	-25977	-8130	0	17.10	V
						12.1	-25977	0	23	-25977	0	12112	523.41	V
					Piede	12.1	-27627	890	0	-27628	8360	0	9.39	V
						12.1	-27627	0	-190	-27627	0	-12414	65.39	V
24	8	360	Piano 3	7	Testa	8.0	-10704	-894	0	-10703	-4507	0	5.04	V

						8.0	-10704	0	-105	-10704	0	-6986	66.34	V
					Piede	8.0	-12354	497	0	-12354	4778	0	9.61	V
						8.0	-12354	0	62	-12354	0	7417	120.00	V
25	9	143	Piano 1	2	Testa	20.1	-22609	297	0	-22608	10077	0	33.96	V
						20.1	-22609	0	-644	-22608	0	-17850	27.72	V
					Piede	20.1	-24499	-956	0	-24498	-10341	0	10.81	V
						20.1	-24499	0	647	-24499	0	18264	28.21	V
26	9	252	Piano 2	7	Testa	12.1	-13741	-108	0	-13742	-6239	0	57.81	V
						12.1	-13741	0	104	-13742	0	9580	92.24	V
					Piede	12.1	-15391	316	0	-15392	6509	0	20.57	V
						12.1	-15391	0	-209	-15392	0	-9951	47.54	V
27	9	361	Piano 3	7	Testa	8.0	-4600	-132	0	-4599	-3496	0	26.57	V
						8.0	-4600	0	144	-4600	0	5374	37.37	V
					Piede	8.0	-6250	62	0	-6249	3770	0	60.58	V
						8.0	-6250	0	-129	-6250	0	-5810	45.08	V
28	10	144	Piano 1	2	Testa	20.1	-35948	-145	0	-35948	-11791	0	81.58	V
						20.1	-35948	0	-638	-35948	0	-20411	32.01	V
					Piede	20.1	-37838	3126	0	-37838	12006	0	3.84	V
						20.1	-37838	0	745	-37837	0	20691	27.79	V
29	10	253	Piano 2	7	Testa	12.1	-22214	439	0	-22214	7583	0	17.27	V
						12.1	-22214	0	182	-22214	0	11387	62.55	V
					Piede	12.1	-23864	-849	0	-23864	-7827	0	9.22	V
						12.1	-23864	0	-345	-23864	0	-11711	33.90	V
30	10	362	Piano 3	7	Testa	8.0	-8351	800	0	-8351	4118	0	5.15	V
						8.0	-8351	0	203	-8351	0	6366	31.37	V
					Piede	8.0	-10001	-471	0	-10000	-4391	0	9.33	V
						8.0	-10001	0	-165	-10002	0	-6801	41.17	V
31	11	145	Piano 1	2	Testa	20.1	-45493	227	0	-45492	12805	0	56.52	V
						20.1	-45493	0	-742	-45493	0	-21795	29.38	V
					Piede	20.1	-47383	-1346	0	-47382	-12985	0	9.65	V
						20.1	-47383	0	884	-47382	0	22059	24.97	V
32	11	254	Piano 2	7	Testa	12.1	-28100	-663	0	-28100	-8425	0	12.71	V
						12.1	-28100	0	141	-28101	0	12499	88.53	V
					Piede	12.1	-29750	797	0	-29750	8646	0	10.85	V
						12.1	-29750	0	-315	-29750	0	-12790	40.59	V
33	11	363	Piano 3	7	Testa	12.1	-11944	-889	0	-11945	-5945	0	6.69	V
						12.1	-11944	0	157	-11944	0	9165	58.37	V
					Piede	12.1	-13594	675	0	-13595	6215	0	9.21	V
						12.1	-13594	0	-126	-13594	0	-9547	75.87	V
34	12	146	Piano 1	2	Testa	20.1	-22171	668	0	-22170	10015	0	15.00	V
						20.1	-22171	0	-557	-22172	0	-17753	31.89	V
					Piede	20.1	-24061	-927	0	-24060	-10280	0	11.09	V
						20.1	-24061	0	681	-24061	0	18169	26.66	V
35	12	255	Piano 2	7	Testa	12.1	-13848	-35	0	-13848	-6256	0	178.29	V
						12.1	-13848	0	57	-13847	0	9604	167.41	V
					Piede	12.1	-15498	-6	0	-15498	-6526	0	1104.21	V
						12.1	-15498	0	-191	-15497	0	-9975	52.10	V
36	12	364	Piano 3	7	Testa	8.0	-4582	-48	0	-4582	-3494	0	72.65	V
						8.0	-4582	0	111	-4583	0	5369	48.35	V
					Piede	8.0	-6232	37	0	-6233	3767	0	101.06	V
						8.0	-6232	0	-96	-6232	0	-5806	60.26	V
37	13	147	Piano 1	2	Testa	20.1	-35497	265	0	-35497	11738	0	44.35	V
						20.1	-35497	0	-532	-35497	0	-20344	38.24	V
					Piede	20.1	-37387	2994	0	-37387	11955	0	3.99	V
						20.1	-37387	0	493	-37388	0	20625	41.86	V
38	13	256	Piano 2	7	Testa	12.1	-21841	528	0	-21842	7527	0	14.25	V
						12.1	-21841	0	125	-21842	0	11313	90.51	V
					Piede	12.1	-23491	-1129	0	-23491	-7772	0	6.89	V

						12.1	-23491	0	-251	-23492	0	-11639	46.39	V
39	13	365	Piano 3	7	Testa	8.0	-8153	1099	0	-8152	4085	0	3.72	V
						8.0	-8153	0	213	-8153	0	6313	29.70	V
					Piede	8.0	-9803	-527	0	-9803	-4358	0	8.27	V
						8.0	-9803	0	-173	-9802	0	-6748	39.07	V
40	14	148	Piano 1	2	Testa	20.1	-41774	-12	0	-41773	-12431	0	1063.38	V
						20.1	-41774	0	-423	-41774	0	-21266	50.30	V
					Piede	20.1	-43664	-1294	0	-43663	-12624	0	9.76	V
						20.1	-43664	0	347	-43665	0	21537	62.00	V
41	14	257	Piano 2	7	Testa	12.1	-26277	-472	0	-26277	-8173	0	17.32	V
						12.1	-26277	0	246	-26276	0	12167	49.44	V
					Piede	12.1	-27927	900	0	-27927	8401	0	9.34	V
						12.1	-27927	0	-361	-27928	0	-12468	34.49	V
42	14	366	Piano 3	7	Testa	8.0	-10890	-914	0	-10889	-4537	0	4.96	V
						8.0	-10890	0	402	-10890	0	7035	17.50	V
					Piede	8.0	-12540	511	0	-12539	4809	0	9.42	V
						8.0	-12540	0	-323	-12540	0	-7465	23.09	V
43	15	149	Piano 1	2	Testa	20.1	-23174	294	0	-23173	10156	0	34.49	V
						20.1	-23174	0	-564	-23173	0	-17975	31.85	V
					Piede	20.1	-25064	-937	0	-25063	-10418	0	11.12	V
						20.1	-25064	0	606	-25064	0	18385	30.34	V
44	15	258	Piano 2	7	Testa	12.1	-14038	-108	0	-14038	-6287	0	57.97	V
						12.1	-14038	0	-38	-14037	0	-9647	256.03	V
					Piede	12.1	-15688	333	0	-15687	6557	0	19.70	V
						12.1	-15688	0	-77	-15689	0	-10017	130.16	V
45	15	367	Piano 3	7	Testa	8.0	-4742	-141	0	-4743	-3520	0	24.88	V
						8.0	-4742	0	32	-4742	0	5411	166.56	V
					Piede	8.0	-6392	73	0	-6393	3794	0	52.16	V
						8.0	-6392	0	-33	-6391	0	-5848	176.89	V
46	16	150	Piano 1	2	Testa	20.1	-35848	300	0	-35847	11779	0	39.29	V
						20.1	-35848	0	-471	-35848	0	-20396	43.27	V
					Piede	20.1	-37738	3024	0	-37737	11994	0	3.97	V
						20.1	-37738	0	539	-37737	0	20677	38.40	V
47	16	259	Piano 2	7	Testa	12.1	-22014	532	0	-22014	7553	0	14.20	V
						12.1	-22014	0	82	-22015	0	11348	137.98	V
					Piede	12.1	-23664	-1154	0	-23665	-7798	0	6.76	V
						12.1	-23664	0	-205	-23665	0	-11672	56.81	V
48	16	368	Piano 3	7	Testa	8.0	-8200	1140	0	-8201	4093	0	3.59	V
						8.0	-8200	0	180	-8200	0	6326	35.06	V
					Piede	8.0	-9850	-503	0	-9851	-4366	0	8.69	V
						8.0	-9850	0	-162	-9850	0	-6761	41.80	V
49	17	151	Piano 1	2	Testa	20.1	-41694	-28	0	-41694	-12423	0	440.36	V
						20.1	-41694	0	-535	-41693	0	-21254	39.76	V
					Piede	20.1	-43584	-1293	0	-43584	-12616	0	9.76	V
						20.1	-43584	0	628	-43584	0	21525	34.25	V
50	17	260	Piano 2	7	Testa	12.1	-26122	-434	0	-26121	-8151	0	18.78	V
						12.1	-26122	0	103	-26122	0	12139	117.95	V
					Piede	12.1	-27772	912	0	-27772	8380	0	9.19	V
						12.1	-27772	0	-237	-27772	0	-12440	52.59	V
51	17	369	Piano 3	7	Testa	8.0	-10768	-937	0	-10768	-4517	0	4.82	V
						8.0	-10768	0	172	-10768	0	7002	40.82	V
					Piede	8.0	-12418	512	0	-12418	4789	0	9.35	V
						8.0	-12418	0	-157	-12418	0	-7434	47.46	V
52	18	152	Piano 1	2	Testa	20.1	-23713	283	0	-23713	10232	0	36.11	V
						20.1	-23713	0	-535	-23713	0	-18094	33.84	V
					Piede	20.1	-25603	-1011	0	-25603	-10492	0	10.38	V
						20.1	-25603	0	642	-25604	0	18500	28.80	V
53	18	261	Piano 2	7	Testa	12.1	-14359	-93	0	-14359	-6340	0	68.11	V

						12.1	-14359	0	-62	-14359	0	-9720	157.87	V
					Piede	12.1	-16009	375	0	-16010	6609	0	17.65	V
						12.1	-16009	0	-46	-16009	0	-10088	220.07	V
54	18	370	Piano 3	7	Testa	8.0	-4882	-152	0	-4881	-3543	0	23.25	V
						8.0	-4882	0	29	-4882	0	5448	189.64	V
					Piede	8.0	-6532	80	0	-6531	3817	0	47.47	V
						8.0	-6532	0	-39	-6531	0	-5885	152.26	V
55	19	153	Piano 1	2	Testa	20.1	-35647	297	0	-35647	11756	0	39.59	V
						20.1	-35647	0	-516	-35647	0	-20366	39.50	V
					Piede	20.1	-37537	3105	0	-37536	11972	0	3.86	V
						20.1	-37537	0	700	-37537	0	20647	29.51	V
56	19	262	Piano 2	7	Testa	12.1	-21871	525	0	-21871	7532	0	14.34	V
						12.1	-21871	0	-21	-21872	0	-11319	528.19	V
					Piede	12.1	-23521	-1167	0	-23522	-7777	0	6.66	V
						12.1	-23521	0	-90	-23520	0	-11644	128.94	V
57	19	371	Piano 3	7	Testa	8.0	-8143	1153	0	-8143	4084	0	3.54	V
						8.0	-8143	0	96	-8142	0	6310	66.03	V
					Piede	8.0	-9793	-488	0	-9793	-4356	0	8.92	V
						8.0	-9793	0	-104	-9793	0	-6746	64.92	V
58	20	154	Piano 1	2	Testa	20.1	-41432	-22	0	-41432	-12395	0	574.92	V
						20.1	-41432	0	-655	-41432	0	-21216	32.41	V
					Piede	20.1	-43322	-1296	0	-43322	-12590	0	9.71	V
						20.1	-43322	0	856	-43323	0	21488	25.12	V
59	20	263	Piano 2	7	Testa	12.1	-25914	-426	0	-25913	-8121	0	19.08	V
						12.1	-25914	0	-48	-25914	0	-12100	254.68	V
					Piede	12.1	-27564	911	0	-27564	8351	0	9.17	V
						12.1	-27564	0	-82	-27563	0	-12403	150.35	V
60	20	372	Piano 3	7	Testa	8.0	-10634	-936	0	-10634	-4495	0	4.80	V
						8.0	-10634	0	63	-10634	0	6967	110.05	V
					Piede	8.0	-12284	513	0	-12284	4767	0	9.30	V
						8.0	-12284	0	-51	-12283	0	-7399	144.03	V
61	21	155	Piano 1	2	Testa	20.1	-23372	302	0	-23372	10184	0	33.69	V
						20.1	-23372	0	-718	-23373	0	-18019	25.10	V
					Piede	20.1	-25262	-1059	0	-25262	-10445	0	9.86	V
						20.1	-25262	0	1075	-25262	0	18428	17.14	V
62	21	264	Piano 2	7	Testa	12.1	-14093	-88	0	-14092	-6296	0	71.93	V
						12.1	-14093	0	-181	-14092	0	-9660	53.31	V
					Piede	12.1	-15743	379	0	-15744	6566	0	17.31	V
						12.1	-15743	0	54	-15742	0	10029	185.83	V
63	21	373	Piano 3	7	Testa	8.0	-4711	-146	0	-4710	-3515	0	24.01	V
						8.0	-4711	0	-82	-4710	0	-5403	65.79	V
					Piede	8.0	-6361	80	0	-6362	3789	0	47.50	V
						8.0	-6361	0	66	-6362	0	5840	88.69	V
64	22	156	Piano 1	2	Testa	20.1	-35972	252	0	-35973	11794	0	46.75	V
						20.1	-35972	0	-916	-35972	0	-20415	22.28	V
					Piede	20.1	-37862	3305	0	-37863	12008	0	3.63	V
						20.1	-37862	0	1218	-37862	0	20695	16.99	V
65	22	265	Piano 2	7	Testa	12.1	-22122	512	0	-22123	7569	0	14.78	V
						12.1	-22122	0	-460	-22122	0	-11369	24.72	V
					Piede	12.1	-23772	-1225	0	-23772	-7814	0	6.38	V
						12.1	-23772	0	300	-23772	0	11693	39.00	V
66	22	374	Piano 3	7	Testa	8.0	-8174	1219	0	-8174	4089	0	3.35	V
						8.0	-8174	0	-393	-8174	0	-6319	16.10	V
					Piede	8.0	-9824	-482	0	-9823	-4361	0	9.05	V
						8.0	-9824	0	337	-9824	0	6754	20.04	V
67	23	157	Piano 1	2	Testa	20.1	-42239	-64	0	-42240	-12479	0	193.90	V
						20.1	-42239	0	-1237	-42238	0	-21333	17.25	V
					Piede	20.1	-44129	-1299	0	-44129	-12671	0	9.75	V
						20.1	-44129	0	1625	-44129	0	21603	13.29	V

68	23	266	Piano 2	7	Testa	12.1	-26658	-467	0	-26658	-8226	0	17.63	V
						12.1	-26658	0	-539	-26659	0	-12238	22.71	V
					Piede	12.1	-28308	929	0	-28308	8453	0	9.10	V
						12.1	-28308	0	362	-28307	0	12536	34.60	V
69	23	375	Piano 3	7	Testa	8.0	-11179	-937	0	-11180	-4585	0	4.89	V
						8.0	-11179	0	-807	-11179	0	-7110	8.82	V
					Piede	8.0	-12829	544	0	-12828	4856	0	8.92	V
						8.0	-12829	0	590	-12829	0	7539	12.77	V
70	24	158	Piano 1	2	Testa	20.1	-24471	369	0	-24472	10337	0	27.99	V
						20.1	-24471	0	-1259	-24472	0	-18258	14.50	V
					Piede	20.1	-26361	-1066	0	-26362	-10594	0	9.93	V
						20.1	-26361	0	1503	-26361	0	18660	12.42	V
71	24	267	Piano 2	7	Testa	12.1	-15139	-24	0	-15139	-6467	0	275.09	V
						12.1	-15139	0	-727	-15138	0	-9895	13.61	V
					Piede	12.1	-16789	261	0	-16788	6736	0	25.85	V
						12.1	-16789	0	541	-16790	0	10258	18.95	V
72	24	376	Piano 3	7	Testa	8.0	-5421	-87	0	-5421	-3633	0	41.54	V
						8.0	-5421	0	-1045	-5420	0	-5591	5.35	V
					Piede	8.0	-7071	38	0	-7072	3906	0	102.64	V
						8.0	-7071	0	799	-7071	0	6028	7.54	V
73	25	159	Piano 1	2	Testa	20.1	-40536	-4	0	-40535	-12300	0	3014.79	V
						20.1	-40536	0	-1250	-40536	0	-21087	16.86	V
					Piede	20.1	-42426	3748	0	-42425	12498	0	3.33	V
						20.1	-42426	0	1591	-42427	0	21360	13.42	V
74	25	268	Piano 2	7	Testa	12.1	-26859	499	0	-26859	8254	0	16.55	V
						12.1	-26859	0	-727	-26859	0	-12274	16.89	V
					Piede	12.1	-28509	-1360	0	-28510	-8480	0	6.24	V
						12.1	-28509	0	612	-28508	0	12572	20.54	V
75	25	377	Piano 3	7	Testa	8.0	-13197	1591	0	-13196	4917	0	3.09	V
						8.0	-13197	0	-1428	-13197	0	-7633	5.35	V
					Piede	8.0	-14847	-539	0	-14847	-5187	0	9.62	V
						8.0	-14847	0	876	-14846	0	8050	9.19	V
76	25	422	Piano 4	7	Testa	8.0	-4667	917	0	-4667	3508	0	3.82	V
						8.0	-4667	0	-1688	-4667	0	-5392	3.19	V
					Piede	8.0	-4787	904	0	-4786	3527	0	3.90	V
						8.0	-4787	0	-1311	-4787	0	-5423	4.14	V
77	26	160	Piano 1	2	Testa	20.1	-49482	-311	0	-49483	-13177	0	42.37	V
						20.1	-49482	0	-1695	-49482	0	-22347	13.18	V
					Piede	20.1	-51372	-989	0	-51373	-13342	0	13.48	V
						20.1	-51372	0	2176	-51372	0	22602	10.39	V
78	26	269	Piano 2	7	Testa	12.1	-34171	-459	0	-34171	-9210	0	20.05	V
						12.1	-34171	0	-1036	-34171	0	-13523	13.05	V
					Piede	12.1	-35821	785	0	-35822	9410	0	11.99	V
						12.1	-35821	0	774	-35821	0	13779	17.81	V
79	26	378	Piano 3	7	Testa	8.0	-18984	-689	0	-18983	-5855	0	8.50	V
						8.0	-18984	0	-1001	-18984	0	-9053	9.05	V
					Piede	8.0	-20634	528	0	-20634	6111	0	11.57	V
						8.0	-20634	0	992	-20634	0	9437	9.51	V
80	26	423	Piano 4	7	Testa	8.0	-6528	-758	0	-6529	-3816	0	5.03	V
						8.0	-6528	0	-2174	-6528	0	-5884	2.71	V
					Piede	8.0	-7566	315	0	-7566	3988	0	12.68	V
						8.0	-7566	0	1205	-7566	0	6158	5.11	V
81	27	161	Piano 1	2	Testa	20.1	-40984	1105	0	-40985	12348	0	11.17	V
						20.1	-40984	0	-1015	-40984	0	-21152	20.84	V
					Piede	20.1	-42874	-890	0	-42875	-12544	0	14.10	V
						20.1	-42874	0	1092	-42874	0	21424	19.61	V
82	27	270	Piano 2	7	Testa	12.1	-27783	1043	0	-27784	8381	0	8.03	V
						12.1	-27783	0	-675	-27783	0	-12442	18.43	V

					Piede	12.1	-29433	-1153	0	-29433	-8604	0	7.46	V
						12.1	-29433	0	480	-29433	0	12735	26.54	V
83	27	379	Piano 3	7	Testa	8.0	-15345	504	0	-15346	5268	0	10.45	V
						8.0	-15345	0	-759	-15345	0	-8174	10.77	V
					Piede	8.0	-16995	-651	0	-16995	-5537	0	8.50	V
						8.0	-16995	0	674	-16995	0	8578	12.74	V
84	27	424	Piano 4	7	Testa	8.0	-5867	1058	0	-5867	3707	0	3.50	V
						8.0	-5867	0	-1174	-5868	0	-5709	4.86	V
					Piede	8.0	-7385	-942	0	-7385	-3958	0	4.20	V
						8.0	-7385	0	952	-7385	0	6111	6.42	V
85	28	162	Piano 1	3	Testa	24.1	-29617	1450	0	-29617	12945	0	8.93	V
						24.1	-29617	0	-3736	-29616	0	-48742	13.05	V
					Piede	24.1	-33532	-4372	0	-33532	-13583	0	3.11	V
						24.1	-33532	0	-12838	-33532	0	-50860	3.96	V
86	28	271	Piano 2	3	Testa	20.1	-20992	509	0	-20988	10297	0	20.24	V
						20.1	-20992	0	-672	-20992	0	-39459	58.68	V
					Piede	20.1	-24979	-117	0	-24981	-10954	0	94.01	V
						20.1	-24979	0	-1517	-24979	0	-41834	27.57	V
87	28	380	Piano 3	3	Testa	20.1	-11689	325	0	-11691	8759	0	26.95	V
						20.1	-11689	0	-98	-11688	0	-33706	342.72	V
					Piede	20.1	-15676	-271	0	-15672	-9419	0	34.73	V
						20.1	-15676	0	755	-15675	0	36207	47.98	V
88	28	425	Piano 4	3	Testa	20.1	-3217	545	0	-3213	7350	0	13.48	V
						20.1	-3217	0	-891	-3217	0	-28213	31.68	V
					Piede	20.1	-8292	-556	0	-8295	-8195	0	14.75	V
						20.1	-8292	0	549	-8292	0	31533	57.43	V
89	29	163	Piano 1	2	Testa	20.1	-44084	-392	0	-44084	-12667	0	32.35	V
						20.1	-44084	0	-620	-44084	0	-21596	34.84	V
					Piede	20.1	-45974	3945	0	-45974	12852	0	3.26	V
						20.1	-45974	0	1193	-45975	0	21863	18.33	V
90	29	272	Piano 2	7	Testa	12.1	-30886	419	0	-30885	8796	0	20.98	V
						12.1	-30886	0	-452	-30885	0	-12984	28.71	V
					Piede	12.1	-32536	-949	0	-32536	-9007	0	9.49	V
						12.1	-32536	0	288	-32537	0	13259	46.06	V
91	29	381	Piano 3	7	Testa	8.0	-17345	886	0	-17345	5594	0	6.31	V
						8.0	-17345	0	-433	-17346	0	-8663	20.00	V
					Piede	8.0	-18995	-419	0	-18995	-5856	0	13.99	V
						8.0	-18995	0	271	-18996	0	9056	33.36	V
92	29	426	Piano 4	7	Testa	8.0	-8112	611	0	-8111	4078	0	6.68	V
						8.0	-8112	0	228	-8111	0	6302	27.61	V
					Piede	8.0	-8412	376	0	-8411	4128	0	10.98	V
						8.0	-8412	0	-421	-8413	0	-6382	15.18	V
93	30	164	Piano 1	2	Testa	20.1	-56969	-35	0	-56969	-13790	0	398.56	V
						20.1	-56969	0	-920	-56969	0	-23328	25.36	V
					Piede	20.1	-58859	-1314	0	-58859	-13928	0	10.60	V
						20.1	-58859	0	1453	-58859	0	23563	16.22	V
94	30	273	Piano 2	7	Testa	12.1	-40387	-867	0	-40387	-9928	0	11.45	V
						12.1	-40387	0	-442	-40387	0	-14440	32.67	V
					Piede	12.1	-42037	1044	0	-42037	10104	0	9.68	V
						12.1	-42037	0	273	-42037	0	14662	53.69	V
95	30	382	Piano 3	7	Testa	8.0	-24758	-914	0	-24758	-6723	0	7.35	V
						8.0	-24758	0	-446	-24758	0	-10356	23.20	V
					Piede	8.0	-26408	832	0	-26407	6958	0	8.36	V
						8.0	-26408	0	341	-26407	0	10707	31.41	V
96	30	427	Piano 4	7	Testa	8.0	-11350	-1078	0	-11350	-4613	0	4.28	V
						8.0	-11350	0	-199	-11351	0	-7156	35.94	V
					Piede	8.0	-12388	850	0	-12388	4784	0	5.63	V
						8.0	-12388	0	236	-12388	0	7426	31.46	V
97	31	165	Piano	2	Testa	20.1	-40328	465	0	-40329	12278	0	26.43	V

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						20.1	-40328	0	-664	-40328	0	-21056	31.72	V
					Piede	20.1	-42218	-70	0	-42219	-12477	0	178.93	V
						20.1	-42218	0	1645	-42219	0	21330	12.97	V
98	31	274	Piano 2	7	Testa	12.1	-28937	169	0	-28937	8538	0	50.40	V
						12.1	-28937	0	99	-28936	0	12648	128.08	V
					Piede	12.1	-30587	-283	0	-30586	-8757	0	30.98	V
						12.1	-30587	0	-160	-30586	0	-12933	80.64	V
99	31	383	Piano 3	7	Testa	8.0	-17453	-68	0	-17453	-5611	0	82.93	V
						8.0	-17453	0	255	-17453	0	8688	34.02	V
					Piede	8.0	-19103	1	0	-19102	5873	0	-	V
						8.0	-19103	0	-255	-19103	0	-9081	35.59	V
100	31	428	Piano 4	7	Testa	8.0	-7471	418	0	-7472	3973	0	9.51	V
						8.0	-7471	0	552	-7471	0	6133	11.11	V
					Piede	8.0	-8989	-368	0	-8989	-4224	0	11.49	V
						8.0	-8989	0	-408	-8988	0	-6534	16.01	V
101	32	166	Piano 1	2	Testa	20.1	-36462	433	0	-36462	11850	0	27.39	V
						20.1	-36462	0	197	-36462	0	20488	104.15	V
					Piede	20.1	-38352	-1282	0	-38352	-12063	0	9.41	V
						20.1	-38352	0	50	-38352	0	20767	416.84	V
102	32	275	Piano 2	7	Testa	12.1	-25266	-127	0	-25267	-8029	0	63.12	V
						12.1	-25266	0	846	-25266	0	11979	14.16	V
					Piede	12.1	-26916	276	0	-26916	8262	0	29.95	V
						12.1	-26916	0	-1054	-26916	0	-12285	11.65	V
103	32	384	Piano 3	7	Testa	8.0	-14334	-139	0	-14334	-5103	0	36.79	V
						8.0	-14334	0	768	-14335	0	7921	10.32	V
					Piede	8.0	-15984	101	0	-15984	5372	0	53.20	V
						8.0	-15984	0	-820	-15984	0	-8331	10.16	V
104	32	429	Piano 4	7	Testa	8.0	-5834	47	0	-5833	3701	0	79.35	V
						8.0	-5834	0	802	-5835	0	5701	7.11	V
					Piede	8.0	-7934	-89	0	-7933	-4049	0	45.74	V
						8.0	-7934	0	-676	-7934	0	-6256	9.25	V
105	33	167	Piano 1	2	Testa	20.1	-48846	131	0	-48846	13119	0	100.45	V
						20.1	-48846	0	-899	-48846	0	-22260	24.76	V
					Piede	20.1	-50736	3812	0	-50736	13287	0	3.49	V
						20.1	-50736	0	-107	-50736	0	-22516	209.88	V
106	33	276	Piano 2	7	Testa	12.1	-33696	524	0	-33696	9152	0	17.48	V
						12.1	-33696	0	-1043	-33696	0	-13447	12.89	V
					Piede	12.1	-35346	-1297	0	-35346	-9353	0	7.21	V
						12.1	-35346	0	1145	-35346	0	13706	11.97	V
107	33	385	Piano 3	7	Testa	8.0	-18947	1368	0	-18946	5849	0	4.27	V
						8.0	-18947	0	-576	-18947	0	-9044	15.71	V
					Piede	8.0	-20597	-591	0	-20597	-6105	0	10.33	V
						8.0	-20597	0	550	-20597	0	9428	17.15	V
108	33	430	Piano 4	7	Testa	8.0	-8882	808	0	-8883	4206	0	5.20	V
						8.0	-8882	0	-958	-8882	0	-6506	6.79	V
					Piede	8.0	-9182	573	0	-9183	4256	0	7.42	V
						8.0	-9182	0	510	-9182	0	6585	12.92	V
109	34	168	Piano 1	2	Testa	20.1	-57418	10	0	-57418	13824	0	1361.93	V
						20.1	-57418	0	-949	-57419	0	-23385	24.63	V
					Piede	20.1	-59308	-1645	0	-59308	-13960	0	8.49	V
						20.1	-59308	0	393	-59307	0	23618	60.08	V
110	34	277	Piano 2	7	Testa	12.1	-40851	-684	0	-40850	-9978	0	14.59	V
						12.1	-40851	0	-752	-40852	0	-14504	19.29	V
					Piede	12.1	-42501	1067	0	-42501	10153	0	9.52	V
						12.1	-42501	0	759	-42501	0	14723	19.40	V
111	34	386	Piano 3	7	Testa	8.0	-24678	-547	0	-24678	-6712	0	12.28	V
						8.0	-24678	0	-319	-24679	0	-10339	32.36	V
					Piede	8.0	-26328	498	0	-26328	6946	0	13.96	V

						8.0	-26328	0	353	-26329	0	10690	30.32	V
112	34	431	Piano 4	7	Testa	8.0	-11030	-990	0	-11029	-4560	0	4.61	V
						8.0	-11030	0	-422	-11031	0	-7072	16.74	V
					Piede	8.0	-12068	609	0	-12067	4731	0	7.76	V
						8.0	-12068	0	311	-12069	0	7343	23.63	V
113	35	169	Piano 1	3	Testa	24.1	-50240	598	0	-50239	16153	0	27.03	V
						24.1	-50240	0	-225	-50240	0	-59312	263.44	V
					Piede	24.1	-54155	86	0	-54156	16717	0	193.37	V
						24.1	-54155	0	-1289	-54155	0	-61059	47.38	V
114	35	278	Piano 2	3	Testa	20.1	-37143	438	0	-37144	12930	0	29.53	V
						20.1	-37143	0	-698	-37142	0	-48746	69.80	V
					Piede	20.1	-41130	-382	0	-41129	-13553	0	35.45	V
						20.1	-41130	0	174	-41130	0	50902	292.24	V
115	35	387	Piano 3	3	Testa	20.1	-23070	-199	0	-23071	-10640	0	53.49	V
						20.1	-23070	0	-177	-23071	0	-40704	230.33	V
					Piede	20.1	-27058	-157	0	-27061	-11295	0	71.78	V
						20.1	-27058	0	-781	-27058	0	-43051	55.14	V
116	35	432	Piano 4	3	Testa	20.1	-9277	987	0	-9277	8359	0	8.47	V
						20.1	-9277	0	270	-9277	0	32167	119.27	V
					Piede	20.1	-12945	-723	0	-12947	-8968	0	12.40	V
						20.1	-12945	0	128	-12944	0	34500	268.71	V
117	36	170	Piano 1	2	Testa	20.1	-33145	29	0	-33144	11459	0	393.52	V
						20.1	-33145	0	-324	-33145	0	-19991	61.79	V
					Piede	20.1	-35035	-684	0	-35034	-11684	0	17.07	V
						20.1	-35035	0	528	-35035	0	20275	38.38	V
118	36	279	Piano 2	2	Testa	20.1	-23484	-489	0	-23484	-10200	0	20.87	V
						20.1	-23484	0	605	-23484	0	18043	29.83	V
					Piede	20.1	-25410	626	0	-25410	10465	0	16.71	V
						20.1	-25410	0	-779	-25410	0	-18459	23.70	V
119	36	388	Piano 3	7	Testa	8.0	-13480	-232	0	-13480	-4963	0	21.40	V
						8.0	-13480	0	385	-13480	0	7706	20.04	V
					Piede	8.0	-15130	312	0	-15131	5233	0	16.76	V
						8.0	-15130	0	-467	-15130	0	-8120	17.37	V
120	36	433	Piano 4	7	Testa	8.0	-5210	-108	0	-5208	-3598	0	33.18	V
						8.0	-5210	0	483	-5210	0	5535	11.47	V
					Piede	8.0	-7310	-10	0	-7310	-3946	0	408.90	V
						8.0	-7310	0	-348	-7309	0	-6091	17.52	V
121	37	171	Piano 1	4	Testa	12.1	-23915	135	0	-23915	7488	0	55.54	V
						12.1	-23915	0	-125	-23916	0	-7058	56.30	V
					Piede	12.1	-24995	402	0	-24995	7614	0	18.93	V
						12.1	-24995	0	251	-24995	0	7157	28.55	V
122	37	280	Piano 2	4	Testa	12.1	-15644	264	0	-15644	6390	0	24.25	V
						12.1	-15644	0	-7	-15643	0	-6172	899.68	V
					Piede	12.1	-16744	-323	0	-16744	-6549	0	20.28	V
						12.1	-16744	0	27	-16744	0	6303	236.61	V
123	37	389	Piano 3	4	Testa	12.1	-9104	45	0	-9103	5362	0	118.94	V
						12.1	-9104	0	139	-9103	0	5306	38.22	V
					Piede	12.1	-10204	-159	0	-10204	-5541	0	34.86	V
						12.1	-10204	0	-104	-10203	0	-5462	52.54	V
124	37	434	Piano 4	4	Testa	12.1	-3625	377	0	-3624	4468	0	11.85	V
						12.1	-3625	0	126	-3625	0	4468	35.47	V
					Piede	12.1	-4725	-275	0	-4725	-4648	0	16.91	V
						12.1	-4725	0	-153	-4724	0	-4645	30.36	V
125	38	172	Piano 1	4	Testa	12.1	-20989	26	0	-20990	7126	0	273.13	V
						12.1	-20989	0	-357	-20988	0	-6771	18.96	V
					Piede	12.1	-22069	-624	0	-22070	-7263	0	11.64	V
						12.1	-22069	0	487	-22069	0	6881	14.14	V
126	38	281	Piano 2	4	Testa	12.1	-13322	-420	0	-13322	-6040	0	14.39	V

						12.1	-13322	0	-34	-13323	0	-5881	171.27	V
					Piede	12.1	-14422	489	0	-14422	6208	0	12.69	V
						12.1	-14422	0	86	-14423	0	6021	69.69	V
127	38	390	Piano 3	4	Testa	12.1	-7291	-272	0	-7291	-5067	0	18.66	V
						12.1	-7291	0	166	-7291	0	5041	30.35	V
					Piede	12.1	-8391	321	0	-8392	5246	0	16.35	V
						12.1	-8391	0	-122	-8390	0	-5203	42.67	V
128	38	435	Piano 4	4	Testa	12.1	-2683	-201	0	-2684	-4314	0	21.43	V
						12.1	-2683	0	145	-2683	0	4315	29.71	V
					Piede	12.1	-4083	94	0	-4084	4543	0	48.38	V
						12.1	-4083	0	-154	-4084	0	-4542	29.57	V
129	39	173	Piano 1	2	Testa	20.1	-33023	-51	0	-33023	-11445	0	226.22	V
						20.1	-33023	0	584	-33024	0	19973	34.20	V
					Piede	20.1	-34913	4104	0	-34913	11670	0	2.84	V
						20.1	-34913	0	4380	-34913	0	20257	4.63	V
130	39	282	Piano 2	7	Testa	12.1	-22599	978	0	-22599	7641	0	7.82	V
						12.1	-22599	0	1081	-22599	0	11464	10.61	V
					Piede	12.1	-24249	-1498	0	-24250	-7883	0	5.26	V
						12.1	-24249	0	-1602	-24249	0	-11785	7.35	V
131	39	391	Piano 3	7	Testa	8.0	-11601	920	0	-11602	4654	0	5.06	V
						8.0	-11601	0	1531	-11602	0	7222	4.72	V
					Piede	8.0	-13251	-817	0	-13250	-4925	0	6.03	V
						8.0	-13251	0	-1467	-13252	0	-7647	5.21	V
132	39	436	Piano 4	7	Testa	8.0	-5363	618	0	-5363	3623	0	5.86	V
						8.0	-5363	0	1510	-5363	0	5576	3.69	V
					Piede	8.0	-5663	445	0	-5665	3673	0	8.25	V
						8.0	-5663	0	-191	-5663	0	-5655	29.61	V
133	40	174	Piano 1	2	Testa	20.1	-47009	-388	0	-47009	-12950	0	33.39	V
						20.1	-47009	0	227	-47009	0	22007	97.13	V
					Piede	20.1	-48899	-1179	0	-48899	-13124	0	11.14	V
						20.1	-48899	0	3441	-48898	0	22267	6.47	V
134	40	283	Piano 2	2	Testa	12.1	-32318	-1560	0	-32317	-9148	0	5.86	V
						12.1	-32318	0	1696	-32317	0	15967	9.41	V
					Piede	12.1	-34243	1755	0	-34243	9409	0	5.36	V
						12.1	-34243	0	-2186	-34242	0	-16374	7.49	V
135	40	392	Piano 3	7	Testa	8.0	-18343	-1096	0	-18343	-5754	0	5.25	V
						8.0	-18343	0	1137	-18343	0	8901	7.83	V
					Piede	8.0	-19993	1140	0	-19992	6012	0	5.27	V
						8.0	-19993	0	-1277	-19992	0	-9289	7.27	V
136	40	437	Piano 4	7	Testa	8.0	-8153	-1136	0	-8152	-4085	0	3.60	V
						8.0	-8153	0	1918	-8153	0	6313	3.29	V
					Piede	8.0	-9191	876	0	-9190	4257	0	4.86	V
						8.0	-9191	0	-1411	-9192	0	-6587	4.67	V
137	41	175	Piano 1	2	Testa	20.1	-24887	231	0	-24887	10394	0	45.08	V
						20.1	-24887	0	-370	-24887	0	-18347	49.56	V
					Piede	20.1	-26777	267	0	-26777	10649	0	39.88	V
						20.1	-26777	0	1734	-26778	0	18746	10.81	V
138	41	284	Piano 2	7	Testa	12.1	-18853	12	0	-18853	7067	0	592.91	V
						12.1	-18853	0	199	-18852	0	10700	53.80	V
					Piede	12.1	-20503	-127	0	-20503	-7324	0	57.56	V
						12.1	-20503	0	-251	-20502	0	-11042	44.05	V
139	41	393	Piano 3	7	Testa	8.0	-11151	-244	0	-11151	-4580	0	18.77	V
						8.0	-11151	0	360	-11152	0	7103	19.76	V
					Piede	8.0	-12801	120	0	-12801	4852	0	40.36	V
						8.0	-12801	0	-401	-12800	0	-7532	18.78	V
140	41	438	Piano 4	7	Testa	8.0	-4617	309	0	-4618	3499	0	11.34	V
						8.0	-4617	0	752	-4618	0	5379	7.15	V
					Piede	8.0	-6135	-258	0	-6135	-3751	0	14.53	V
						8.0	-6135	0	-552	-6134	0	-5780	10.47	V

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					Piede	X	2	1	-10269	-840	164	49	0.00004	0.00084	0.00452	0.00000	0.01610	-	V
						Y	2	1	-10269	-1189	158	52	0.00004	0.00084	0.00471	0.00001	0.01674	2121.5	V
7	137	Piano 1	3	2	Testa	X	1	1	-14508	-719	144	47	0.00004	0.00068	0.00446	0.00003	0.01264	409.14	V
						Y	1	1	-14508	755	330	71	0.00004	0.00068	0.00693	0.00003	0.02014	735.88	V
					Piede	X	2	1	-16398	977	186	51	0.00004	0.00063	0.00497	0.00002	0.01311	745.63	V
						Y	2	1	-16398	2685	330	71	0.00004	0.00063	0.00702	0.00003	0.01871	683.65	V
9	355	Piano 3	3	7	Testa	X	1	1	-2565	-1	52	38	0.00003	0.00104	0.00388	0.00000	0.01202	6292.2	V
						Y	1	1	-2565	731	169	53	0.00003	0.00104	0.00442	0.00001	0.02113	3213.0	V
					Piede	X	2	1	-4215	14	283	61	0.00004	0.00101	0.00541	0.00000	0.02483	-	V
						Y	2	1	-4215	-715	166	53	0.00004	0.00101	0.00446	0.00001	0.02025	3290.2	V
10	138	Piano 1	4	2	Testa	X	1	1	-39652	-287	1	33	0.00005	0.00032	0.06012	0.00013	0.02555	191.63	V
						Y	1	1	-39652	-16	25	41	0.00005	0.00032	0.00786	0.00004	0.00425	99.98	V
					Piede	X	2	1	-41542	-2989	329	66	0.00005	0.00031	0.00800	0.00004	0.00977	276.43	V
						Y	2	1	-41542	-1026	305	68	0.00005	0.00031	0.00779	0.00003	0.00985	389.65	V
12	356	Piano 3	4	7	Testa	X	1	1	-9162	-1077	211	54	0.00004	0.00090	0.00490	0.00002	0.01924	916.74	V
						Y	1	1	-9162	-1118	179	54	0.00004	0.00090	0.00478	0.00001	0.01881	2413.7	V
					Piede	X	2	1	-10812	560	124	45	0.00004	0.00086	0.00410	0.00001	0.01467	1391.1	V
						Y	2	1	-10812	940	156	52	0.00004	0.00086	0.00463	0.00001	0.01706	1351.4	V
13	139	Piano 1	5	2	Testa	X	1	1	-45823	18	26	36	0.00005	0.00028	0.00551	0.00009	0.00345	39.38	V
						Y	1	1	-45823	-46	15	40	0.00005	0.00028	0.01156	0.00004	0.00491	111.71	V
					Piede	X	2	1	-47713	1336	304	63	0.00005	0.00027	0.00786	0.00002	0.00856	481.28	V
						Y	2	1	-47713	-916	315	70	0.00005	0.00027	0.00825	0.00003	0.00920	327.45	V
14	248	Piano 2	5	7	Testa	X	1	1	-28586	498	127	46	0.00005	0.00045	0.00466	0.00002	0.00835	415.70	V
						Y	1	1	-28586	-1049	150	51	0.00005	0.00045	0.00521	0.00001	0.00946	769.10	V
					Piede	X	2	1	-30236	-916	208	54	0.00005	0.00042	0.00581	0.00001	0.00993	1843.6	V
						Y	2	1	-30236	1348	185	55	0.00005	0.00042	0.00568	0.00000	0.00986	2350.2	V
15	357	Piano 3	5	7	Testa	X	1	1	-11941	894	206	53	0.00004	0.00084	0.00496	0.00000	0.01787	6613.7	V
						Y	1	1	-11941	-1273	182	55	0.00004	0.00084	0.00492	0.00001	0.01780	3252.6	V
					Piede	X	2	1	-13591	-506	129	46	0.00004	0.00080	0.00423	0.00002	0.01403	668.77	V
						Y	2	1	-13591	1029	153	52	0.00004	0.00080	0.00471	0.00001	0.01591	1315.7	V
16	140	Piano 1	6	2	Testa	X	1	1	-26191	-292	93	42	0.00005	0.00044	0.00424	0.00005	0.00732	159.29	V
						Y	1	1	-26191	168	68	45	0.00005	0.00044	0.00501	0.00003	0.00723	207.41	V
					Piede	X	2	1	-28081	957	237	57	0.00005	0.00042	0.00602	0.00001	0.01048	895.08	V
						Y	2	1	-28081	-1051	262	64	0.00005	0.00042	0.00660	0.00002	0.01175	580.24	V
18	358	Piano 3	6	7	Testa	X	1	1	-5471	142	217	55	0.00004	0.00098	0.00478	0.00000	0.02113	4390.5	V
						Y	1	1	-5471	-687	178	54	0.00004	0.00098	0.00461	0.00000	0.02034	4801.3	V
					Piede	X	2	1	-7121	-67	118	45	0.00004	0.00094	0.00394	0.00001	0.01559	1660.8	V
						Y	2	1	-7121	586	157	52	0.00004	0.00094	0.00451	0.00001	0.01856	2665.0	V
19	141	Piano 1	7	2	Testa	X	1	1	-34852	-254	5	33	0.00005	0.00035	0.01801	0.00013	0.00765	58.19	V
						Y	1	1	-34852	818	169	55	0.00005	0.00035	0.00561	0.00002	0.00833	368.41	V
					Piede	X	2	1	-36742	-2989	325	65	0.00005	0.00034	0.00772	0.00004	0.01049	295.74	V
						Y	2	1	-36742	-787	161	54	0.00005	0.00034	0.00557	0.00002	0.00788	337.74	V
21	359	Piano 3	7	7	Testa	X	1	1	-7984	-1087	214	54	0.00004	0.00092	0.00488	0.00002	0.01988	878.24	V
						Y	1	1	-7984	-161	176	54	0.00004	0.00092	0.00470	0.00001	0.01914	2001.9	V
					Piede	X	2	1	-9634	537	121	45	0.00004	0.00089	0.00404	0.00001	0.01490	1370.4	V
						Y	2	1	-9634	142	159	52	0.00004	0.00089	0.00462	0.00001	0.01767	1755.1	V
22	142	Piano 1	8	2	Testa	X	1	1	-41214	7	28	36	0.00005	0.00031	0.00527	0.00008	0.00369	43.45	V
						Y	1	1	-41214	1080	161	54	0.00005	0.00031	0.00568	0.00003	0.00730	279.33	V
					Piede	X	2	1	-43104	1332	302	63	0.00005	0.00030	0.00761	0.00002	0.00907	572.91	V
						Y	2	1	-43104	-1167	169	55	0.00005	0.00030	0.00583	0.00002	0.00723	290.60	V
23	251	Piano 2	8	7	Testa	X	1	1	-25977	476	126	45	0.00005	0.00049	0.00458	0.00002	0.00903	432.51	V
						Y	1	1	-25977	-23	60	42	0.00005	0.00049	0.00487	0.00001	0.00727	752.03	V
					Piede	X	2	1	-27627	-890	209	54	0.00005	0.00046	0.00572	0.00000	0.01074	2431.5	V
						Y	2	1	-27627	190	275	64	0.00005	0.00046	0.00683	0.00001	0.01290	2505.6	V
24	360	Piano 3	8	7	Testa	X	1	1	-10704	894	207	54	0.00004	0.00086	0.00492	0.00000	0.01842	-	V
						Y	1	1	-10704	105	203	57	0.00004	0.00086	0.00507	0.00001	0.01922	2212.2	V
					Piede	X	2	1	-12354	-497	128	46	0.00004	0.00083	0.00418	0.00002	0.01437	636.38	V
						Y	2	1	-12354	-62	132	49	0.00004	0.00083	0.00451	0.00001	0.01539	2048.6	V
25	143	Piano 1	9	2	Testa	X	1	1	-22609	-297	94	42	0.00005	0.00050	0.00418	0.00004	0.00808	182.97	V
						Y	1	1	-22609	644	167	55	0.00005	0.00050	0.00526	0.00002	0.01102	538.33	V
					Piede	X	2	1	-24499	956	236	57	0.00005	0.00047	0.00589	0.00001	0.01143	1123.1	V

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28	144	Piano 1	10	2	Testa	Y	2	1	-24499	-647	163	54	0.00005	0.00047	0.00528	0.00002	0.01038	503.05	V
						X	1	1	-35948	145	42	37	0.00005	0.00034	0.00457	0.00011	0.00453	42.54	V
						Y	1	1	-35948	638	156	54	0.00005	0.00034	0.00549	0.00002	0.00790	379.87	V
					Piede	X	2	1	-37838	-3126	288	62	0.00005	0.00033	0.00717	0.00005	0.00960	204.17	V
						Y	2	1	-37838	-745	174	55	0.00005	0.00033	0.00575	0.00002	0.00797	414.99	V
30	362	Piano 3	10	7	Testa	X	1	1	-8351	-800	203	53	0.00004	0.00091	0.00478	0.00002	0.01924	1226.37	V
						Y	1	1	-8351	-203	182	54	0.00004	0.00091	0.00476	0.00001	0.01925	2103.47	V
					Piede	X	2	1	-10001	471	132	46	0.00004	0.00088	0.00414	0.00000	0.01532	3491.58	V
						Y	2	1	-10001	165	153	52	0.00004	0.00088	0.00459	0.00001	0.01727	1696.93	V
31	145	Piano 1	11	2	Testa	X	1	1	-45493	-227	69	40	0.00005	0.00028	0.00443	0.00007	0.00464	70.88	V
						Y	1	1	-45493	742	155	54	0.00005	0.00028	0.00571	0.00002	0.00673	276.27	V
					Piede	X	2	1	-47383	1346	261	59	0.00005	0.00027	0.00711	0.00001	0.00788	1016.46	V
						Y	2	1	-47383	-884	175	56	0.00005	0.00027	0.00603	0.00002	0.00690	310.94	V
37	147	Piano 1	13	2	Testa	X	1	1	-35497	-265	4	33	0.00005	0.00035	0.02255	0.00014	0.00958	69.97	V
						Y	1	1	-35497	532	173	55	0.00005	0.00035	0.00567	0.00002	0.00830	494.49	V
					Piede	X	2	1	-37387	-2994	326	66	0.00005	0.00033	0.00776	0.00003	0.01039	336.90	V
						Y	2	1	-37387	-493	157	54	0.00005	0.00033	0.00554	0.00002	0.00772	437.09	V
39	365	Piano 3	13	7	Testa	X	1	1	-8153	-1099	216	55	0.00004	0.00092	0.00490	0.00003	0.01989	633.66	V
						Y	1	1	-8153	-213	182	54	0.00004	0.00092	0.00476	0.00001	0.01934	2135.74	V
					Piede	X	2	1	-9803	527	119	45	0.00004	0.00088	0.00403	0.00000	0.01475	4218.51	V
						Y	2	1	-9803	173	153	52	0.00004	0.00088	0.00458	0.00001	0.01734	1710.45	V
40	148	Piano 1	14	2	Testa	X	1	1	-41774	12	28	36	0.00005	0.00030	0.00535	0.00008	0.00362	45.57	V
						Y	1	1	-41774	423	181	56	0.00005	0.00030	0.00596	0.00002	0.00761	374.32	V
					Piede	X	2	1	-43664	1294	303	63	0.00005	0.00029	0.00765	0.00001	0.00902	739.34	V
						Y	2	1	-43664	-347	149	53	0.00005	0.00029	0.00560	0.00002	0.00681	312.18	V
41	257	Piano 2	14	7	Testa	X	1	1	-26277	472	125	45	0.00005	0.00049	0.00458	0.00003	0.00891	315.65	V
						Y	1	1	-26277	-246	141	50	0.00005	0.00049	0.00505	0.00001	0.00992	1771.92	V
					Piede	X	2	1	-27927	-900	210	54	0.00005	0.00046	0.00575	0.00000	0.01067	5063.04	V
						Y	2	1	-27927	361	194	56	0.00005	0.00046	0.00571	0.00000	0.01077	4358.64	V
42	366	Piano 3	14	7	Testa	X	1	1	-10890	914	206	54	0.00004	0.00086	0.00493	0.00001	0.01833	2786.84	V
						Y	1	1	-10890	-402	182	55	0.00004	0.00086	0.00488	0.00001	0.01824	2915.72	V
					Piede	X	2	1	-12540	-511	129	46	0.00004	0.00082	0.00419	0.00003	0.01433	459.35	V
						Y	2	1	-12540	323	153	52	0.00004	0.00082	0.00467	0.00001	0.01628	1940.81	V
43	149	Piano 1	15	2	Testa	X	1	1	-23174	-294	95	42	0.00005	0.00049	0.00420	0.00004	0.00797	202.08	V
						Y	1	1	-23174	564	162	54	0.00005	0.00049	0.00524	0.00002	0.01073	645.63	V
					Piede	X	2	1	-25064	937	235	56	0.00005	0.00046	0.00590	0.00001	0.01125	1761.53	V
						Y	2	1	-25064	-606	168	55	0.00005	0.00046	0.00534	0.00002	0.01033	640.40	V
46	150	Piano 1	16	2	Testa	X	0	0	0	0	0	-	-	-	-	0.00000	0.00000	1000.00	V
						Y	1	1	-35848	471	159	54	0.00005	0.00035	0.00552	0.00001	0.00796	543.90	V
					Piede	X	2	1	-37738	-3024	330	66	0.00005	0.00033	0.00784	0.00003	0.01040	399.42	V
						Y	2	1	-37738	-539	171	55	0.00005	0.00033	0.00572	0.00001	0.00795	579.40	V
48	368	Piano 3	16	7	Testa	X	1	1	-8200	-1140	221	55	0.00004	0.00092	0.00496	0.00004	0.02009	478.76	V
						Y	1	1	-8200	-180	175	54	0.00004	0.00092	0.00470	0.00001	0.01900	2012.66	V
					Piede	X	2	1	-9850	503	114	44	0.00004	0.00088	0.00400	0.00000	0.01448	4677.54	V
						Y	2	1	-9850	162	160	52	0.00004	0.00088	0.00464	0.00001	0.01763	1772.52	V
49	151	Piano 1	17	2	Testa	X	1	1	-41694	28	24	35	0.00005	0.00030	0.00571	0.00008	0.00342	44.08	V
						Y	1	1	-41694	535	156	54	0.00005	0.00030	0.00564	0.00002	0.00716	376.01	V
					Piede	X	2	1	-43584	1293	306	64	0.00005	0.00029	0.00771	0.00001	0.00909	944.17	V
						Y	2	1	-43584	-628	174	55	0.00005	0.00029	0.00590	0.00002	0.00726	411.09	V
50	260	Piano 2	17	7	Testa	X	1	1	-26122	434	119	45	0.00005	0.00049	0.00451	0.00004	0.00878	245.47	V
						Y	1	1	-26122	-103	113	48	0.00005	0.00049	0.00480	0.00000	0.00915	1849.75	V
					Piede	X	2	1	-27772	-912	216	55	0.00005	0.00046	0.00583	0.00001	0.01087	1649.05	V
						Y	2	1	-27772	237	222	58	0.00005	0.00046	0.00608	0.00000	0.01152	8716.11	V
51	369	Piano 3	17	7	Testa	X	1	1	-10768	937	208	54	0.00004	0.00086	0.00494	0.00002	0.01844	1167.36	V
						Y	1	1	-10768	-172	174	54	0.00004	0.00086	0.00479	0.00001	0.01790	2559.06	V
					Piede	X	2	1	-12418	-512	127	46	0.00004	0.00083	0.00417	0.00004	0.01430	343.10	V
						Y	2	1	-12418	157	161	52	0.00004	0.00083	0.00474	0.00001	0.01671	2258.22	V
52	152	Piano 1	18	2	Testa	X	1	1	-23713	-283	89	42	0.00005	0.00048	0.00417	0.00004	0.00768	192.82	V
						Y	1	1	-23713	535	155	54	0.00005	0.00048	0.00518	0.00002	0.01037	677.66	V
					Piede	X	2	1	-25603	1011	241	57	0.00005	0.00045	0.00599	0.00000	0.01122	4696.99	V
						Y	2	1	-25603	-642	175	56	0.00005	0.00045	0.00543	0.00001	0.01038	757.57	V

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55	153	Pian o 1	19	2	Testa	X	1	1	-35647	-297	1	33	0.00005	0.00035	0.05616	0.00015	0.02387	155.22	V
						Y	1	1	-35647	-516	147	53	0.00005	0.00035	0.00538	0.00001	0.00774	625.63	V
					Piede	X	2	1	-37537	-3105	329	66	0.00005	0.00033	0.00781	0.00002	0.01041	485.75	V
						Y	2	1	-37537	-700	183	56	0.00005	0.00033	0.00586	0.00001	0.00821	863.95	V
57	371	Pian o 3	19	7	Testa	X	1	1	-8143	-1153	223	55	0.00004	0.00092	0.00498	0.00005	0.02022	406.47	V
						Y	1	1	-8143	-96	162	52	0.00004	0.00092	0.00459	0.00001	0.01839	1812.2 2	V
					Piede	X	2	1	-9793	488	112	44	0.00004	0.00088	0.00398	0.00001	0.01438	1565.0 9	V
						Y	2	1	-9793	104	173	54	0.00004	0.00088	0.00475	0.00001	0.01827	1840.7 3	V
58	154	Pian o 1	20	2	Testa	X	1	1	-41432	22	25	35	0.00005	0.00031	0.00555	0.00007	0.00352	49.01	V
						Y	1	1	-41432	655	149	53	0.00005	0.00031	0.00554	0.00002	0.00705	411.60	V
					Piede	X	2	1	-43322	1296	305	63	0.00005	0.00029	0.00767	0.00000	0.00910	2348.7 5	V
						Y	2	1	-43322	-856	181	56	0.00005	0.00029	0.00600	0.00001	0.00743	532.16	V
59	263	Pian o 2	20	7	Testa	X	1	1	-25914	426	118	45	0.00005	0.00050	0.00449	0.00004	0.00880	207.09	V
						Y	1	1	-25914	48	335	70	0.00005	0.00050	0.00762	0.00000	0.01515	-	V
					Piede	X	2	1	-27564	-911	217	55	0.00005	0.00047	0.00584	0.00001	0.01097	849.33	V
						Y	2	1	-27564	82	335	70	0.00005	0.00047	0.00772	0.00000	0.01438	-	V
60	372	Pian o 3	20	7	Testa	X	1	1	-10634	936	208	54	0.00004	0.00086	0.00493	0.00002	0.01849	791.84	V
						Y	1	1	-10634	-63	182	55	0.00004	0.00086	0.00486	0.00001	0.01831	2563.5 1	V
					Piede	X	2	1	-12284	-513	127	46	0.00004	0.00083	0.00417	0.00005	0.01435	292.08	V
						Y	2	1	-12284	51	153	52	0.00004	0.00083	0.00467	0.00001	0.01640	2196.2 4	V
61	155	Pian o 1	21	2	Testa	X	1	1	-23372	-302	90	42	0.00005	0.00049	0.00417	0.00004	0.00778	220.31	V
						Y	1	1	-23372	718	139	52	0.00005	0.00049	0.00503	0.00002	0.01004	633.76	V
					Piede	X	2	1	-25262	1059	240	57	0.00005	0.00046	0.00597	0.00000	0.01130	3080.3 9	V
						Y	2	1	-25262	-1075	191	57	0.00005	0.00046	0.00560	0.00001	0.01086	1079.5 0	V
64	156	Pian o 1	22	2	Testa	X	1	1	-35972	-252	8	34	0.00005	0.00034	0.01229	0.00017	0.00522	31.20	V
						Y	1	1	-35972	916	147	53	0.00005	0.00034	0.00539	0.00001	0.00771	775.38	V
					Piede	X	2	1	-37862	-3305	322	65	0.00005	0.00033	0.00772	0.00002	0.01024	649.25	V
						Y	2	1	-37862	-1218	183	56	0.00005	0.00033	0.00587	0.00001	0.00815	1606.4 8	V
66	374	Pian o 3	22	7	Testa	X	1	1	-8174	-1219	227	56	0.00004	0.00092	0.00503	0.00006	0.02038	366.30	V
						Y	1	1	-8174	393	178	54	0.00004	0.00092	0.00472	0.00001	0.01916	1701.6 0	V
					Piede	X	2	1	-9824	482	108	44	0.00004	0.00088	0.00396	0.00001	0.01417	1325.8 1	V
						Y	2	1	-9824	-337	157	52	0.00004	0.00088	0.00461	0.00001	0.01750	1795.1 7	V
67	157	Pian o 1	23	2	Testa	X	1	1	-42239	64	16	35	0.00005	0.00030	0.00722	0.00007	0.00307	46.30	V
						Y	1	1	-42239	1237	148	53	0.00005	0.00030	0.00555	0.00002	0.00694	433.58	V
					Piede	X	2	1	-44129	1299	314	64	0.00005	0.00029	0.00787	0.00000	0.00916	2321.3 5	V
						Y	2	1	-44129	-1625	183	56	0.00005	0.00029	0.00604	0.00001	0.00736	759.75	V
68	266	Pian o 2	23	7	Testa	X	1	1	-26658	467	122	45	0.00005	0.00048	0.00456	0.00005	0.00872	188.56	V
						Y	1	1	-26658	539	194	56	0.00005	0.00048	0.00568	0.00000	0.01122	6781.7 2	V
					Piede	X	2	1	-28308	-929	213	54	0.00005	0.00045	0.00580	0.00002	0.01062	588.25	V
						Y	2	1	-28308	-362	141	50	0.00005	0.00045	0.00510	0.00000	0.00929	2968.2 0	V
69	375	Pian o 3	23	7	Testa	X	1	1	-11179	937	204	53	0.00004	0.00085	0.00491	0.00003	0.01811	636.02	V
						Y	1	1	-11179	807	189	55	0.00004	0.00085	0.00495	0.00001	0.01840	1839.9 9	V
					Piede	X	2	1	-12829	-544	131	46	0.00004	0.00082	0.00422	0.00005	0.01435	273.63	V
						Y	2	1	-12829	-590	146	51	0.00004	0.00082	0.00463	0.00000	0.01589	3845.1 9	V
70	158	Pian o 1	24	2	Testa	X	1	1	-24471	-369	99	43	0.00005	0.00047	0.00425	0.00002	0.00785	352.00	V
						Y	1	1	-24471	1259	154	53	0.00005	0.00047	0.00519	0.00001	0.01014	767.13	V
					Piede	X	2	1	-26361	1066	231	56	0.00005	0.00044	0.00587	0.00001	0.01077	790.88	V
						Y	2	1	-26361	-1503	176	56	0.00005	0.00044	0.00546	0.00001	0.01020	1092.6 9	V
72	376	Pian o 3	24	7	Testa	X	1	1	-5421	87	222	55	0.00004	0.00098	0.00483	0.00004	0.02137	581.74	V
						Y	1	1	-5421	1045	186	55	0.00004	0.00098	0.00468	0.00001	0.02073	2303.0 5	V
					Piede	X	2	1	-7071	-38	113	44	0.00004	0.00094	0.00391	0.00004	0.01535	386.19	V
						Y	2	1	-7071	-799	149	51	0.00004	0.00094	0.00445	0.00000	0.01820	7826.2 4	V
73	159	Pian o 1	25	2	Testa	X	1	1	-40536	4	30	36	0.00005	0.00031	0.00513	0.00019	0.00380	20.41	V
						Y	1	1	-40536	1250	150	53	0.00005	0.00031	0.00553	0.00001	0.00717	1030.4 4	V
					Piede	X	2	1	-42426	-3748	300	63	0.00005	0.00030	0.00755	0.00001	0.00913	1341.0 4	V
						Y	2	1	-42426	-1591	180	56	0.00005	0.00030	0.00596	0.00000	0.00751	5216.2 8	V
75	377	Pian o 3	25	7	Testa	X	1	1	-13197	-1591	235	56	0.00004	0.00081	0.00537	0.00006	0.01857	305.56	V
						Y	1	1	-13197	1428	200	56	0.00004	0.00081	0.00515	0.00002	0.01807	1083.6 0	V
					Piede	X	2	1	-14847	539	100	43	0.00004	0.00078	0.00404	0.00000	0.01227	3615.6	V

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						Y	2	1	-14847	-876	135	50	0.00004	0.00078	0.00460	0.00000	0.01468	8 8563.2	V
76	422	Piano 4	25	7	Testa	X	1	1	-4667	-917	20	35	0.00004	0.00100	0.00594	0.00023	0.00433	19.09	V
						Y	1	1	-4667	1688	20	38	0.00004	0.00100	0.00789	0.00008	0.00401	51.34	V
					Piede	X	2	1	-4787	-904	20	35	0.00004	0.00099	0.00594	0.00023	0.00433	19.07	V
						Y	2	1	-4787	1311	20	38	0.00004	0.00099	0.00789	0.00008	0.00401	51.32	V
78	269	Piano 2	26	7	Testa	X	1	1	-34171	459	132	46	0.00005	0.00038	0.00487	0.00004	0.00731	204.94	V
						Y	1	1	-34171	1036	187	55	0.00005	0.00038	0.00586	0.00000	0.00897	5411.0	V
					Piede	X	2	1	-35821	-785	203	53	0.00005	0.00036	0.00596	0.00002	0.00856	540.56	V
						Y	2	1	-35821	-774	148	51	0.00005	0.00036	0.00540	0.00001	0.00779	1428.0	V
79	378	Piano 3	26	7	Testa	X	1	1	-18984	689	186	51	0.00004	0.00068	0.00502	0.00003	0.01407	422.21	V
						Y	1	1	-18984	1001	168	53	0.00004	0.00068	0.00504	0.00001	0.01418	2131.1	V
					Piede	X	2	1	-20634	-528	149	48	0.00004	0.00062	0.00465	0.00004	0.01185	274.83	V
						Y	2	1	-20634	-992	167	53	0.00004	0.00062	0.00509	0.00001	0.01312	2044.2	V
80	423	Piano 4	26	7	Testa	X	1	1	-6528	758	152	48	0.00004	0.00095	0.00420	0.00003	0.01758	667.05	V
						Y	1	1	-6528	2174	141	50	0.00004	0.00095	0.00438	0.00003	0.01801	572.14	V
					Piede	X	2	1	-7566	-315	81	41	0.00004	0.00093	0.00380	0.00001	0.01322	1757.6	V
						Y	2	1	-7566	-1205	92	45	0.00004	0.00093	0.00424	0.00001	0.01479	1119.2	V
84	424	Piano 4	27	7	Testa	X	1	1	-5867	-1058	164	49	0.00004	0.00097	0.00428	0.00001	0.01841	2413.6	V
						Y	1	1	-5867	1174	170	53	0.00004	0.00097	0.00456	0.00001	0.01973	2033.0	V
					Piede	X	2	1	-7385	942	149	48	0.00004	0.00093	0.00420	0.00000	0.01710	-	V
						Y	2	1	-7385	-952	143	51	0.00004	0.00093	0.00442	0.00000	0.01778	4342.0	V
88	425	Piano 4	28	3	Testa	X	1	1	-3217	-545	203	53	0.00003	0.00104	0.00445	0.00003	0.02168	825.98	V
						Y	1	1	-3217	891	247	75	0.00003	0.00104	0.00570	0.00001	0.02973	5810.7	V
					Piede	X	2	1	-8292	556	207	54	0.00004	0.00098	0.00459	0.00003	0.02075	781.42	V
						Y	2	1	-8292	-549	163	67	0.00004	0.00098	0.00543	0.00000	0.02382	5521.6	V
89	163	Piano 1	29	2	Testa	X	1	1	-44084	392	54	38	0.00005	0.00029	0.00445	0.00015	0.00439	29.81	V
						Y	1	1	-44084	620	124	50	0.00005	0.00029	0.00535	0.00001	0.00632	944.49	V
					Piede	X	2	1	-45974	-3945	276	60	0.00005	0.00028	0.00730	0.00004	0.00828	232.48	V
						Y	2	1	-45974	-1193	207	59	0.00005	0.00028	0.00643	0.00000	0.00757	2787.3	V
92	426	Piano 4	29	7	Testa	X	1	1	-8112	-611	50	38	0.00004	0.00092	0.00402	0.00013	0.01052	78.81	V
						Y	1	1	-8112	-228	18	38	0.00004	0.00092	0.00870	0.00003	0.00370	111.66	V
					Piede	X	2	1	-8412	-376	50	38	0.00004	0.00091	0.00402	0.00013	0.01045	78.32	V
						Y	2	1	-8412	421	32	40	0.00004	0.00091	0.00585	0.00003	0.00821	253.85	V
93	164	Piano 1	30	2	Testa	X	1	1	-56969	35	23	35	0.00006	0.00023	0.00602	0.00006	0.00314	51.81	V
						Y	1	1	-56969	920	136	52	0.00006	0.00023	0.00582	0.00001	0.00555	400.74	V
					Piede	X	2	1	-58859	1314	307	64	0.00006	0.00023	0.00856	0.00001	0.00766	866.59	V
						Y	2	1	-58859	-1453	194	57	0.00006	0.00023	0.00675	0.00001	0.00632	1239.2	V
96	427	Piano 4	30	7	Testa	X	1	1	-11350	1078	127	46	0.00004	0.00085	0.00414	0.00001	0.01463	2232.0	V
						Y	1	1	-11350	199	109	47	0.00004	0.00085	0.00436	0.00002	0.01459	816.83	V
					Piede	X	2	1	-12388	-850	106	44	0.00004	0.00083	0.00402	0.00000	0.01330	4254.1	V
						Y	2	1	-12388	-236	124	49	0.00004	0.00083	0.00446	0.00002	0.01500	807.94	V
100	428	Piano 4	31	7	Testa	X	1	1	-7471	-418	165	49	0.00004	0.00093	0.00435	0.00000	0.01781	-	V
						Y	1	1	-7471	-552	175	54	0.00004	0.00093	0.00467	0.00000	0.01933	5331.2	V
					Piede	X	2	1	-8989	368	148	48	0.00004	0.00090	0.00425	0.00000	0.01647	3582.0	V
						Y	2	1	-8989	408	138	50	0.00004	0.00090	0.00444	0.00001	0.01687	2321.3	V
104	429	Piano 4	32	7	Testa	X	1	1	-5834	-47	151	48	0.00004	0.00097	0.00416	0.00000	0.01777	4477.8	V
						Y	1	1	-5834	-802	220	58	0.00004	0.00097	0.00501	0.00000	0.02218	-	V
					Piede	X	2	1	-7934	89	259	59	0.00004	0.00092	0.00537	0.00001	0.02190	3086.7	V
						Y	2	1	-7934	676	190	55	0.00004	0.00092	0.00482	0.00001	0.01983	3215.8	V
105	167	Piano 1	33	2	Testa	X	1	1	-48846	-131	20	35	0.00006	0.00027	0.00628	0.00017	0.00312	18.08	V
						Y	1	1	-48846	899	330	71	0.00006	0.00027	0.00856	0.00000	0.00932	3329.5	V
					Piede	X	2	1	-50736	-3812	310	64	0.00006	0.00026	0.00813	0.00003	0.00835	272.76	V
						Y	2	1	-50736	107	330	71	0.00006	0.00026	0.00868	0.00000	0.00911	3254.9	V
109	168	Piano 1	34	2	Testa	X	1	1	-57418	-10	32	36	0.00006	0.00023	0.00523	0.00008	0.00335	41.75	V
						Y	1	1	-57418	949	222	60	0.00006	0.00023	0.00716	0.00000	0.00684	1972.1	V
					Piede	X	2	1	-59308	1645	298	63	0.00006	0.00022	0.00842	0.00000	0.00749	1928.7	V
						Y	2	1	-59308	-393	108	49	0.00006	0.00022	0.00559	0.00001	0.00500	383.34	V
111	386	Piano 3	34	7	Testa	X	1	1	-24678	547	174	50	0.00005	0.00052	0.00509	0.00002	0.01084	442.13	V
						Y	1	1	-24678	319	161	52	0.00005	0.00052	0.00517	0.00001	0.01103	1378.8	V

Relazione di calcolo

					Piede	X	2	1	-26328	-498	161	49	0.00005	0.00049	0.00498	0.00003	0.00990	5	360.09	V
						Y	2	1	-26328	-353	174	54	0.00005	0.00049	0.00538	0.00001	0.01080	1213.5	8	V
112	431	Piano 4	34	7	Testa	X	1	1	-11030	990	137	47	0.00004	0.00086	0.00422	0.00000	0.01522	6149.7	5	V
						Y	1	1	-11030	422	130	49	0.00004	0.00086	0.00445	0.00001	0.01575	1211.3	0	V
					Piede	X	2	1	-12068	-609	96	43	0.00004	0.00083	0.00395	0.00001	0.01285	941.76		V
						Y	2	1	-12068	-311	103	47	0.00004	0.00083	0.00437	0.00001	0.01405	1289.8	9	V
113	169	Piano 1	35	3	Testa	X	1	1	-50240	-598	330	66	0.00004	0.00054	0.00708	0.00000	0.01544	7239.4	9	V
						Y	1	1	-50240	225	330	84	0.00004	0.00054	0.00770	0.00001	0.01859	2919.1	2	V
					Piede	X	2	1	-54155	-86	330	66	0.00005	0.00050	0.00718	0.00000	0.01460	6846.1	6	V
						Y	2	1	-54155	1289	330	84	0.00005	0.00050	0.00780	0.00001	0.01755	2755.3	4	V
117	170	Piano 1	36	2	Testa	X	1	1	-33145	-29	41	37	0.00005	0.00037	0.00457	0.00003	0.00470	165.83		V
						Y	1	1	-33145	324	133	51	0.00005	0.00037	0.00519	0.00003	0.00782	293.12		V
					Piede	X	2	1	-35035	684	289	62	0.00005	0.00035	0.00707	0.00001	0.01010	1865.8	3	V
						Y	2	1	-35035	-528	197	58	0.00005	0.00035	0.00597	0.00002	0.00888	381.86		V
120	433	Piano 4	36	7	Testa	X	1	1	-5210	108	410	74	0.00004	0.00098	0.00692	0.00000	0.03002	-		V
						Y	1	1	-5210	-483	233	60	0.00004	0.00098	0.00511	0.00000	0.02312	-		V
					Piede	X	2	1	-7310	10	410	74	0.00004	0.00094	0.00710	0.00000	0.02871	-		V
						Y	2	1	-7310	348	177	54	0.00004	0.00094	0.00468	0.00001	0.01945	3207.3	9	V
121	171	Piano 1	37	4	Testa	X	1	1	-23915	-135	330	66	0.00005	0.00036	0.00807	0.00000	0.01113	-		V
						Y	1	1	-23915	125	120	45	0.00005	0.00036	0.00480	0.00001	0.00678	621.92		V
					Piede	X	2	1	-24995	-402	330	66	0.00005	0.00034	0.00815	0.00000	0.01076	-		V
						Y	2	1	-24995	-251	210	54	0.00005	0.00034	0.00616	0.00000	0.00839	-		V
124	434	Piano 4	37	4	Testa	X	1	1	-3625	-377	189	52	0.00004	0.00084	0.00474	0.00001	0.01732	1996.0	1	V
						Y	1	1	-3625	-126	154	48	0.00004	0.00084	0.00438	0.00001	0.01581	2800.5	5	V
					Piede	X	2	1	-4725	275	146	48	0.00004	0.00083	0.00434	0.00002	0.01513	838.43		V
						Y	2	1	-4725	153	181	51	0.00004	0.00083	0.00471	0.00000	0.01663	5247.4	4	V
125	172	Piano 1	38	4	Testa	X	1	1	-20989	-26	41	37	0.00005	0.00041	0.00462	0.00005	0.00504	107.04		V
						Y	1	1	-20989	357	144	47	0.00005	0.00041	0.00500	0.00003	0.00813	304.02		V
					Piede	X	2	1	-22069	624	289	62	0.00005	0.00039	0.00725	0.00001	0.01098	1605.2	0	V
						Y	2	1	-22069	-487	186	51	0.00005	0.00039	0.00563	0.00002	0.00874	579.69		V
129	173	Piano 1	39	2	Testa	X	1	1	-33023	51	33	36	0.00005	0.00037	0.00488	0.00017	0.00432	25.19		V
						Y	1	1	-33023	-584	330	71	0.00005	0.00037	0.00780	0.00001	0.01195	994.86		V
					Piede	X	2	1	-34913	-4104	297	63	0.00005	0.00035	0.00719	0.00004	0.01027	277.03		V
						Y	2	1	-34913	-4380	330	71	0.00005	0.00035	0.00789	0.00001	0.01153	959.47		V
131	391	Piano 3	39	7	Testa	X	1	1	-11601	-920	176	50	0.00004	0.00084	0.00462	0.00002	0.01674	883.11		V
						Y	1	1	-11601	-1531	170	53	0.00004	0.00084	0.00479	0.00001	0.01742	1241.2	3	V
					Piede	X	2	1	-13251	817	159	49	0.00004	0.00081	0.00451	0.00001	0.01545	1219.2	5	V
						Y	2	1	-13251	1467	165	53	0.00004	0.00081	0.00480	0.00002	0.01654	1049.2	3	V
132	436	Piano 4	39	7	Testa	X	1	1	-5363	-618	50	38	0.00004	0.00098	0.00397	0.00010	0.01113	107.36		V
						Y	1	1	-5363	-1510	44	41	0.00004	0.00098	0.00498	0.00004	0.01096	258.71		V
					Piede	X	2	1	-5663	-445	50	38	0.00004	0.00097	0.00398	0.00010	0.01106	106.70		V
						Y	2	1	-5663	191	6	37	0.00004	0.00097	0.00272	0.00004	0.00966	260.83		V
133	174	Piano 1	40	2	Testa	X	1	1	-47009	388	330	66	0.00005	0.00027	0.00828	0.00001	0.00908	1605.3	8	V
						Y	1	1	-47009	-227	11	39	0.00005	0.00027	0.01471	0.00006	0.00625	104.42		V
					Piede	X	2	1	-48899	1179	330	66	0.00006	0.00027	0.00839	0.00001	0.00887	1568.7	6	V
						Y	2	1	-48899	-3441	319	70	0.00006	0.00027	0.00838	0.00000	0.00913	5038.2	9	V
136	437	Piano 4	40	7	Testa	X	1	1	-8153	1136	128	46	0.00004	0.00092	0.00405	0.00003	0.01575	576.96		V
						Y	1	1	-8153	-1918	130	49	0.00004	0.00092	0.00436	0.00000	0.01678	-		V
					Piede	X	2	1	-9191	-876	105	43	0.00004	0.00089	0.00392	0.00002	0.01422	874.98		V
						Y	2	1	-9191	1411	103	47	0.00004	0.00089	0.00429	0.00001	0.01497	1569.3	8	V
137	175	Piano 1	41	2	Testa	X	1	1	-24887	-231	330	66	0.00005	0.00046	0.00724	0.00000	0.01358	3832.5	3	V
						Y	1	1	-24887	370	77	46	0.00005	0.00046	0.00490	0.00002	0.00777	394.83		V
					Piede	X	2	1	-26777	-267	330	66	0.00005	0.00044	0.00733	0.00000	0.01296	3656.6	9	V
						Y	2	1	-26777	-1734	253	63	0.00005	0.00044	0.00644	0.00000	0.01193	3412.0	3	V
140	438	Piano 4	41	7	Testa	X	1	1	-4617	-309	168	50	0.00004	0.00100	0.00426	0.00002	0.01911	786.47		V
						Y	1	1	-4617	-752	176	54	0.00004	0.00100	0.00456	0.00000	0.02059	6278.7	7	V
					Piede	X	2	1	-6135	258	145	47	0.00004	0.00096	0.00412	0.00003	0.01737	638.93		V
						Y	2	1	-6135	552	137	50	0.00004	0.00096	0.00434	0.00001	0.01794	2149.5	5	V
141	176	Piano 1	42	2	Testa	X	1	1	-17952	-131	61	39	0.00004	0.00059	0.00407	0.00004	0.00788	204.49		V
						Y	1	1	-17952	991	105	49	0.00004	0.00059	0.00473	0.00004	0.01065	297.18		V

Tagli Resistenti:

ϕ : diametro della staffa;

Nbr_Y : numero di bracci di cui è composta la staffa in direzione Y;

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

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

Relazione di calcolo

15	357	Piano 3	5	7	1	0.57	2.50	2.50	837	509	8899	5726	2	15.0 0	275. 00	10.6 3	11.2 4	V
16	140	Piano 1	6	2	1	0.57	2.50	2.50	466	462	10485	5726	2	15.0 0	270. 00	22.5 1	12.3 8	V
17	249	Piano 2	6	7	1	0.57	2.50	2.50	573	162	8899	5726	2	15.0 0	275. 00	15.5 3	35.2 7	V
18	358	Piano 3	6	7	1	0.57	2.50	2.50	463	76	8899	5726	2	15.0 0	275. 00	19.2 3	75.4 1	V
19	141	Piano 1	7	2	1	0.57	2.50	2.50	609	1013	10485	5726	2	15.0 0	270. 00	17.2 2	5.65	V
20	250	Piano 2	7	7	1	0.57	2.50	2.50	190	610	8899	5726	2	15.0 0	275. 00	46.7 1	9.39	V
21	359	Piano 3	7	7	1	0.57	2.50	2.50	110	590	8899	5726	2	15.0 0	275. 00	80.8 2	9.70	V
22	142	Piano 1	8	2	1	0.57	2.50	2.50	846	491	10485	5726	2	15.0 0	270. 00	12.3 9	11.6 7	V
23	251	Piano 2	8	7	1	0.57	2.50	2.50	77	497	8899	5726	2	15.0 0	275. 00	114. 90	11.5 3	V
24	360	Piano 3	8	7	1	0.57	2.50	2.50	61	506	8899	5726	2	15.0 0	275. 00	146. 43	11.3 2	V
25	143	Piano 1	9	2	1	0.57	2.50	2.50	493	464	10485	5726	2	15.0 0	270. 00	21.2 9	12.3 4	V
26	252	Piano 2	9	7	1	0.57	2.50	2.50	114	154	8899	5726	2	15.0 0	275. 00	78.1 3	37.1 1	V
27	361	Piano 3	9	7	1	0.57	2.50	2.50	99	70	8899	5726	2	15.0 0	275. 00	89.7 3	81.2 5	V
28	144	Piano 1	10	2	1	0.57	2.50	2.50	526	1211	10485	5726	2	15.0 0	270. 00	19.9 3	4.73	V
29	253	Piano 2	10	7	1	0.57	2.50	2.50	192	469	8899	5726	2	15.0 0	275. 00	46.3 9	12.2 2	V
30	362	Piano 3	10	7	1	0.57	2.50	2.50	134	462	8899	5726	2	15.0 0	275. 00	66.4 9	12.3 9	V
31	145	Piano 1	11	2	1	0.57	2.50	2.50	616	582	10485	5726	2	15.0 0	270. 00	17.0 2	9.83	V
32	254	Piano 2	11	7	1	0.57	2.50	2.50	166	531	8899	5726	2	15.0 0	275. 00	53.6 3	10.7 9	V
33	363	Piano 3	11	7	1	0.57	2.50	2.50	103	569	8899	5726	2	15.0 0	275. 00	86.5 1	10.0 7	V
34	146	Piano 1	12	2	1	0.57	2.50	2.50	473	591	10485	5726	2	15.0 0	270. 00	22.1 7	9.70	V
35	255	Piano 2	12	7	1	0.57	2.50	2.50	90	11	8899	5726	2	15.0 0	275. 00	98.3 4	539. 63	V
36	364	Piano 3	12	7	1	0.57	2.50	2.50	75	31	8899	5726	2	15.0 0	275. 00	117. 99	184. 46	V
37	147	Piano 1	13	2	1	0.57	2.50	2.50	394	1011	10485	5726	2	15.0 0	270. 00	26.6 3	5.67	V
38	256	Piano 2	13	7	1	0.57	2.50	2.50	137	603	8899	5726	2	15.0 0	275. 00	65.1 0	9.50	V
39	365	Piano 3	13	7	1	0.57	2.50	2.50	140	591	8899	5726	2	15.0 0	275. 00	63.5 1	9.69	V
40	148	Piano 1	14	2	1	0.57	2.50	2.50	300	475	10485	5726	2	15.0 0	270. 00	35.0 1	12.0 6	V
41	257	Piano 2	14	7	1	0.57	2.50	2.50	221	499	8899	5726	2	15.0 0	275. 00	40.2 8	11.4 8	V
42	366	Piano 3	14	7	1	0.57	2.50	2.50	264	518	8899	5726	2	15.0 0	275. 00	33.7 3	11.0 5	V
43	149	Piano 1	15	2	1	0.57	2.50	2.50	448	456	10485	5726	2	15.0 0	270. 00	23.4 2	12.5 6	V
44	258	Piano 2	15	7	1	0.57	2.50	2.50	14	160	8899	5726	2	15.0 0	275. 00	623. 05	35.6 8	V
45	367	Piano 3	15	7	1	0.57	2.50	2.50	24	78	8899	5726	2	15.0 0	275. 00	373. 30	73.5 1	V
46	150	Piano 1	16	2	1	0.57	2.50	2.50	388	1009	10485	5726	2	15.0 0	270. 00	27.0 0	5.68	V
47	259	Piano 2	16	7	1	0.57	2.50	2.50	105	613	8899	5726	2	15.0 0	275. 00	85.0 5	9.34	V
48	368	Piano 3	16	7	1	0.57	2.50	2.50	124	597	8899	5726	2	15.0 0	275. 00	71.5 2	9.59	V
49	151	Piano 1	17	2	1	0.57	2.50	2.50	445	468	10485	5726	2	15.0 0	270. 00	23.5 6	12.2 2	V
50	260	Piano 2	17	7	1	0.57	2.50	2.50	123	489	8899	5726	2	15.0 0	275. 00	72.0 8	11.7 0	V
51	369	Piano 3	17	7	1	0.57	2.50	2.50	119	527	8899	5726	2	15.0 0	275. 00	74.5 7	10.8 7	V
52	152	Piano 1	18	2	1	0.57	2.50	2.50	450	479	10485	5726	2	15.0 0	270. 00	23.2 9	11.9 5	V
53	261	Piano 2	18	7	1	0.57	2.50	2.50	6	170	8899	5726	2	15.0 0	275. 00	1555. 25	33.6 8	V
54	370	Piano 3	18	7	1	0.57	2.50	2.50	25	85	8899	5726	2	15.0 0	275. 00	363. 17	67.6 4	V
55	153	Piano 1	19	2	1	0.57	2.50	2.50	464	1040	10485	5726	2	15.0 0	270. 00	22.5 8	5.51	V
56	262	Piano 2	19	7	1	0.57	2.50	2.50	25	615	8899	5726	2	15.0 0	275. 00	355. 24	9.31	V
57	371	Piano 3	19	7	1	0.57	2.50	2.50	73	597	8899	5726	2	15.0 0	275. 00	122. 67	9.59	V
58	154	Piano 1	20	2	1	0.57	2.50	2.50	574	472	10485	5726	2	15.0 0	270. 00	18.2 8	12.1 3	V
59	263	Piano 2	20	7	1	0.57	2.50	2.50	13	486	8899	5726	2	15.0 0	275. 00	699. 53	11.7 8	V
60	372	Piano 3	20	7	1	0.57	2.50	2.50	42	527	8899	5726	2	15.0 0	275. 00	213. 39	10.8 7	V
61	155	Piano 1	21	2	1	0.57	2.50	2.50	678	504	10485	5726	2	15.0 0	270. 00	15.4 6	11.3 6	V
62	264	Piano 2	21	7	1	0.57	2.50	2.50	86	170	8899	5726	2	15.0 0	275. 00	104. 06	33.7 3	V
63	373	Piano 3	21	7	1	0.57	2.50	2.50	54	82	8899	5726	2	15.0 0	275. 00	165. 37	69.6 2	V

Relazione di calcolo

64	156	Piano 1	22	2	1	0.57	2.50	2.50	805	1130	10485	5726	2	15.0 0	270. 00	13.0 3	5.07	V
65	265	Piano 2	22	7	1	0.57	2.50	2.50	276	632	8899	5726	2	15.0 0	275. 00	32.2 1	9.07	V
66	374	Piano 3	22	7	1	0.57	2.50	2.50	265	619	8899	5726	2	15.0 0	275. 00	33.5 4	9.26	V
67	157	Piano 1	23	2	1	0.57	2.50	2.50	1074	457	10485	5726	2	15.0 0	270. 00	9.76	12.5 2	V
68	266	Piano 2	23	7	1	0.57	2.50	2.50	328	507	8899	5726	2	15.0 0	275. 00	27.1 6	11.2 8	V
69	375	Piano 3	23	7	1	0.57	2.50	2.50	508	539	8899	5726	2	15.0 0	275. 00	17.5 2	10.6 3	V
70	158	Piano 1	24	2	1	0.57	2.50	2.50	1037	532	10485	5726	2	15.0 0	270. 00	10.1 1	10.7 7	V
71	267	Piano 2	24	7	1	0.57	2.50	2.50	461	103	8899	5726	2	15.0 0	275. 00	19.2 9	55.4 2	V
72	376	Piano 3	24	7	1	0.57	2.50	2.50	671	46	8899	5726	2	15.0 0	275. 00	13.2 7	125. 46	V
73	159	Piano 1	25	2	1	0.57	2.50	2.50	1067	1389	10485	5726	2	15.0 0	270. 00	9.83	4.12	V
74	268	Piano 2	25	7	1	0.57	2.50	2.50	487	676	8899	5726	2	15.0 0	275. 00	18.2 8	8.47	V
75	377	Piano 3	25	7	1	0.57	2.50	2.50	838	775	8899	5726	2	15.0 0	275. 00	10.6 2	7.39	V
77	160	Piano 1	26	2	1	0.57	2.50	2.50	1448	251	10485	5726	2	15.0 0	270. 00	7.24	22.7 9	V
78	269	Piano 2	26	7	1	0.57	2.50	2.50	658	452	8899	5726	2	15.0 0	275. 00	13.5 2	12.6 6	V
79	378	Piano 3	26	7	1	0.57	2.50	2.50	725	443	8899	5726	2	15.0 0	275. 00	12.2 8	12.9 4	V
80	423	Piano 4	26	7	1	0.57	2.50	2.50	1953	620	8899	5726	2	15.0 0	173. 00	4.56	9.23	V
81	161	Piano 1	27	2	1	0.57	2.50	2.50	795	739	10485	5726	2	15.0 0	270. 00	13.1 9	7.75	V
82	270	Piano 2	27	7	1	0.57	2.50	2.50	420	799	8899	5726	2	15.0 0	275. 00	21.1 9	7.17	V
83	379	Piano 3	27	7	1	0.57	2.50	2.50	521	420	8899	5726	2	15.0 0	275. 00	17.0 8	13.6 3	V
84	424	Piano 4	27	7	1	0.57	2.50	2.50	840	791	8899	5726	2	15.0 0	250. 27	10.5 9	7.24	V
85	162	Piano 1	28	3	1	0.57	2.50	2.50	3371	2156	22381	5726	2	15.0 0	270. 00	6.64	2.66	V
86	271	Piano 2	28	3	1	0.57	2.50	2.50	307	227	22381	5726	2	15.0 0	275. 00	72.8 6	25.1 9	V
87	380	Piano 3	28	3	1	0.57	2.50	2.50	310	217	22381	5726	2	15.0 0	275. 00	72.1 5	26.4 1	V
88	425	Piano 4	28	3	1	0.57	2.50	2.50	411	315	22381	5726	2	15.0 0	347. 27	54.4 2	18.2 1	V
89	163	Piano 1	29	2	1	0.57	2.50	2.50	686	1606	10485	5726	2	15.0 0	270. 00	15.2 9	3.57	V
90	272	Piano 2	29	7	1	0.57	2.50	2.50	269	498	8899	5726	2	15.0 0	275. 00	33.0 6	11.5 1	V
91	381	Piano 3	29	7	1	0.57	2.50	2.50	256	474	8899	5726	2	15.0 0	275. 00	34.7 3	12.0 7	V
93	164	Piano 1	30	2	1	0.57	2.50	2.50	893	474	10485	5726	2	15.0 0	270. 00	11.7 4	12.0 8	V
94	273	Piano 2	30	7	1	0.57	2.50	2.50	260	695	8899	5726	2	15.0 0	275. 00	34.2 2	8.24	V
95	382	Piano 3	30	7	1	0.57	2.50	2.50	286	635	8899	5726	2	15.0 0	275. 00	31.0 8	9.02	V
96	427	Piano 4	30	7	1	0.57	2.50	2.50	252	1114	8899	5726	2	15.0 0	170. 24	35.3 8	5.14	V
97	165	Piano 1	31	2	1	0.57	2.50	2.50	869	198	10485	5726	2	15.0 0	270. 00	12.0 6	28.9 4	V
98	274	Piano 2	31	7	1	0.57	2.50	2.50	94	164	8899	5726	2	15.0 0	275. 00	94.4 3	34.8 3	V
99	383	Piano 3	31	7	1	0.57	2.50	2.50	186	25	8899	5726	2	15.0 0	275. 00	47.9 4	231. 00	V
100	428	Piano 4	31	7	1	0.57	2.50	2.50	379	311	8899	5726	2	15.0 0	250. 24	23.4 6	18.4 4	V
101	166	Piano 1	32	2	1	0.57	2.50	2.50	69	635	10485	5726	2	15.0 0	270. 00	152. 58	9.02	V
102	275	Piano 2	32	7	1	0.57	2.50	2.50	691	147	8899	5726	2	15.0 0	275. 00	12.8 8	39.0 7	V
103	384	Piano 3	32	7	1	0.57	2.50	2.50	577	87	8899	5726	2	15.0 0	275. 00	15.4 1	65.7 0	V
104	429	Piano 4	32	7	1	0.57	2.50	2.50	422	39	8899	5726	2	15.0 0	347. 27	21.0 7	148. 27	V
105	167	Piano 1	33	2	1	0.57	2.50	2.50	307	1363	10485	5726	2	15.0 0	270. 00	34.1 0	4.20	V
106	276	Piano 2	33	7	1	0.57	2.50	2.50	796	662	8899	5726	2	15.0 0	275. 00	11.1 8	8.65	V
107	385	Piano 3	33	7	1	0.57	2.50	2.50	409	713	8899	5726	2	15.0 0	275. 00	21.7 4	8.04	V
109	168	Piano 1	34	2	1	0.57	2.50	2.50	511	613	10485	5726	2	15.0 0	270. 00	20.5 0	9.34	V
110	277	Piano 2	34	7	1	0.57	2.50	2.50	549	637	8899	5726	2	15.0 0	275. 00	16.2 0	8.99	V
111	386	Piano 3	34	7	1	0.57	2.50	2.50	244	380	8899	5726	2	15.0 0	275. 00	36.4 1	15.0 8	V
112	431	Piano 4	34	7	1	0.57	2.50	2.50	424	924	8899	5726	2	15.0 0	173. 00	21.0 0	6.20	V
113	169	Piano 1	35	3	1	0.57	2.50	2.50	394	189	22381	5726	2	15.0 0	270. 00	56.8 1	30.2 5	V
114	278	Piano 2	35	3	1	0.57	2.50	2.50	317	298	22381	5726	2	15.0 0	275. 00	70.5 4	19.2 0	V
115	387	Piano 3	35	3	1	0.57	2.50	2.50	220	15	22381	5726	2	15.0 0	275. 00	101. 89	379. 01	V

116	432	Piano 4	35	3	1	0.57	2.50	2.50	56	676	22381	5726	2	15.0 0	250. 27	400. 67	8.47	V
117	170	Piano 1	36	2	1	0.57	2.50	2.50	315	264	10485	5726	2	15.0 0	270. 00	33.2 4	21.6 7	V
118	279	Piano 2	36	2	1	0.57	2.50	2.50	517	405	10485	5726	2	15.0 0	275. 00	20.2 6	14.1 2	V
119	388	Piano 3	36	7	1	0.57	2.50	2.50	310	198	8899	5726	2	15.0 0	275. 00	28.7 2	28.9 4	V
120	433	Piano 4	36	7	1	0.57	2.50	2.50	237	28	8899	5726	2	15.0 0	347. 27	37.5 1	202. 89	V
121	171	Piano 1	37	4	1	1.01	2.50	2.50	139	99	10123	10123	2	15.0 0	270. 00	72.6 9	102. 24	V
122	280	Piano 2	37	4	1	1.01	2.50	2.50	12	213	10123	10123	2	15.0 0	275. 00	831. 18	47.4 7	V
123	389	Piano 3	37	4	1	1.01	2.50	2.50	88	74	10123	10123	2	15.0 0	275. 00	114. 65	136. 47	V
124	434	Piano 4	37	4	1	1.01	2.50	2.50	101	237	10123	10123	2	15.0 0	275. 00	99.8 0	42.7 0	V
125	172	Piano 1	38	4	1	1.01	2.50	2.50	312	241	10123	10123	2	15.0 0	270. 00	32.4 0	42.0 5	V
126	281	Piano 2	38	4	1	1.01	2.50	2.50	44	331	10123	10123	2	15.0 0	275. 00	230. 57	30.6 2	V
127	390	Piano 3	38	4	1	1.01	2.50	2.50	105	215	10123	10123	2	15.0 0	275. 00	96.6 5	46.9 9	V
128	435	Piano 4	38	4	1	1.01	2.50	2.50	85	84	10123	10123	2	15.0 0	348. 29	118. 56	120. 00	V
129	173	Piano 1	39	2	1	0.57	2.50	2.50	1420	1539	10485	5726	2	15.0 0	270. 00	7.38	3.72	V
130	282	Piano 2	39	7	1	0.57	2.50	2.50	976	900	8899	5726	2	15.0 0	275. 00	9.12	6.36	V
131	391	Piano 3	39	7	1	0.57	2.50	2.50	1090	632	8899	5726	2	15.0 0	275. 00	8.16	9.06	V
133	174	Piano 1	40	2	1	0.57	2.50	2.50	1191	293	10485	5726	2	15.0 0	270. 00	8.81	19.5 5	V
134	283	Piano 2	40	2	1	0.57	2.50	2.50	1426	1205	10485	5726	2	15.0 0	275. 00	7.35	4.75	V
135	392	Piano 3	40	7	1	0.57	2.50	2.50	878	813	8899	5726	2	15.0 0	275. 00	10.1 4	7.04	V
136	437	Piano 4	40	7	1	0.57	2.50	2.50	1924	1163	8899	5726	2	15.0 0	170. 16	4.62	4.93	V
137	175	Piano 1	41	2	1	0.57	2.50	2.50	793	14	10485	5726	2	15.0 0	270. 00	13.2 2	423. 66	V
138	284	Piano 2	41	7	1	0.57	2.50	2.50	163	51	8899	5726	2	15.0 0	275. 00	54.4 4	113. 16	V
139	393	Piano 3	41	7	1	0.57	2.50	2.50	277	132	8899	5726	2	15.0 0	275. 00	32.1 7	43.2 4	V
140	438	Piano 4	41	7	1	0.57	2.50	2.50	515	224	8899	5726	2	15.0 0	250. 16	17.2 7	25.5 6	V
141	176	Piano 1	42	2	1	0.57	2.50	2.50	1327	424	10485	5726	2	15.0 0	270. 00	7.90	13.5 0	V
142	285	Piano 2	42	7	1	0.57	2.50	2.50	187	382	8899	5726	2	15.0 0	275. 00	47.5 8	14.9 7	V
143	394	Piano 3	42	7	1	0.57	2.50	2.50	282	249	8899	5726	2	15.0 0	275. 00	31.5 1	22.9 9	V
144	439	Piano 4	42	7	1	0.57	2.50	2.50	283	11	8899	5726	2	15.0 0	347. 27	31.4 1	519. 19	V

4.1.2.2 Travi di Elevazione.

4.1.2.2.1 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.

4.1.2.2.1.1 Verifiche a Flessione Composta - PGA SLV = 0.0000 g.

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
 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;
 CC : numero della combinazione di carico;
 Azioni Sollecitanti:
 N_{Sd} : Sforzo Normale Sollecitante;
 M_{SdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 FaTA e-version - Vers 34.1.7

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

Tabella 76.I

Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	Azioni Sollecitanti				Azioni Resistenti			S	Esito			
						A _{sup} [cm²]	A _{inf} [cm²]	A _n [cm²]	CC	N _{sd} [daN]	M _{drz} [daNm]	M _{rdy} [daNm]			N _{rd} [daN]	M _{drz} [daNm]	M _{rdy} [daNm]
1	68	Piano 1	1-2	5	151.23	6.16	6.16	12.32	1	0	2218	-	0	6267	-	2.83	V
					226.85	3.08	6.16	9.24	1	0	2788	-	0	6269	-	2.25	V
					604.93	9.24	3.08	12.32	1	0	-4257	-	0	-9308	-	2.19	V
2	69	Piano 1	1-4	5	91.04	7.16	9.17	16.34	1	0	2131	-	1	9224	-	4.33	V
					136.55	4.02	9.17	13.19	1	0	2686	-	-1	9229	-	3.44	V
					364.14	11.18	5.15	16.34	1	0	-3184	-	-1	-11193	-	3.52	V
3	70	Piano 1	2-3	5	0.00	9.24	3.08	12.32	1	0	-3255	-	0	-9308	-	2.86	V
					93.01	3.08	6.16	9.24	1	0	-843	-	0	-3222	-	3.82	V
					248.03	9.24	3.08	12.32	1	0	958	-	0	3223	-	3.37	V
4	71	Piano 1	2-5	5	91.03	7.16	9.17	16.34	1	0	2188	-	1	9224	-	4.22	V
					182.05	4.02	9.17	13.19	1	0	2815	-	-1	9229	-	3.28	V
					364.10	11.18	5.15	16.34	1	0	-3366	-	-1	-11193	-	3.33	V
5	72	Piano 1	3-6	5	91.04	7.16	9.17	16.34	1	0	1421	-	1	9224	-	6.49	V
					136.55	4.02	9.17	13.19	1	0	1789	-	-1	9229	-	5.16	V
					364.14	11.18	5.15	16.34	1	0	-2046	-	-1	-11193	-	5.47	V
6	73	Piano 1	4-5	6	0.00	13.38	4.62	18.00	1	0	-1085	-	0	-3695	-	3.41	V
					302.45	3.08	8.64	11.72	1	0	799	-	-1	2505	-	3.14	V
					604.90	13.38	4.62	18.00	1	0	-1296	-	0	-3695	-	2.85	V
7	74	Piano 1	4-7	5	0.00	10.24	4.21	14.45	1	0	-2112	-	-1	-10278	-	4.87	V
					146.44	3.08	8.23	11.31	1	0	1317	-	0	8312	-	6.31	V
					219.66	10.24	4.21	14.45	1	0	795	-	-3	4350	-	5.47	V
8	75	Piano 1	5-6	6	0.00	9.36	5.09	14.45	1	0	-459	-	0	-2663	-	5.81	V
					155.41	9.36	5.09	14.45	1	0	168	-	0	1599	-	9.52	V
					186.49	9.36	5.09	14.45	1	0	167	-	0	1599	-	9.56	V
9	76	Piano 1	5-8	5	0.00	10.24	4.21	14.45	1	0	-2284	-	-1	-10278	-	4.50	V
					146.46	3.08	8.23	11.31	1	0	1417	-	0	8312	-	5.86	V
					219.69	10.24	4.21	14.45	1	0	862	-	-3	4350	-	5.05	V
10	77	Piano 1	6-9	5	0.00	10.24	4.21	14.45	1	0	-1538	-	-1	-10278	-	6.68	V
					146.44	3.08	8.23	11.31	1	0	856	-	0	8312	-	9.71	V
					219.66	10.24	4.21	14.45	1	0	585	-	-3	4350	-	7.43	V
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Relazione di calcolo

26	93	Piano 1	16-17	6	0.00	13.38	4.62	18.00	1	0	-1071	-	0	-3695	-	3.45	V
					302.46	3.08	8.64	11.72	1	0	799	-	-1	2505	-	3.13	V
					604.93	13.38	4.62	18.00	1	0	-1310	-	0	-3695	-	2.82	V
27	94	Piano 1	16-19	5	0.00	10.24	4.21	14.45	1	0	-1771	-	-1	-10278	-	5.80	V
					151.53	3.08	8.23	11.31	1	0	1599	-	0	8312	-	5.20	V
					227.30	10.24	4.21	14.45	1	0	889	-	-3	4350	-	4.89	V
28	95	Piano 1	17-18	6	0.00	9.36	5.09	14.45	1	0	-472	-	0	-2663	-	5.64	V
					155.02	9.36	5.09	14.45	1	0	173	-	0	1599	-	9.22	V
					186.02	9.36	5.09	14.45	1	0	177	-	0	1599	-	9.03	V
29	96	Piano 1	17-20	5	0.00	10.24	4.21	14.45	1	0	-1941	-	-1	-10278	-	5.30	V
					151.53	3.08	8.23	11.31	1	0	1714	-	0	8312	-	4.85	V
					227.30	10.24	4.21	14.45	1	0	965	-	-3	4350	-	4.51	V
30	97	Piano 1	18-21	5	0.00	10.24	4.21	14.45	1	0	-1368	-	-1	-10278	-	7.51	V
					151.53	3.08	8.23	11.31	1	0	1048	-	0	8312	-	7.93	V
					227.30	10.24	4.21	14.45	1	0	684	-	-3	4350	-	6.36	V
31	98	Piano 1	19-20	6	0.00	13.38	4.62	18.00	1	0	-1061	-	0	-3695	-	3.48	V
					302.46	3.08	8.64	11.72	1	0	800	-	-1	2505	-	3.13	V
					604.93	13.38	4.62	18.00	1	0	-1318	-	0	-3695	-	2.80	V
32	99	Piano 1	19-22	5	0.00	10.24	4.21	14.45	1	0	-1884	-	-1	-10278	-	5.46	V
					146.44	3.08	8.23	11.31	1	0	1472	-	0	8312	-	5.65	V
					219.66	10.24	4.21	14.45	1	0	909	-	-3	4350	-	4.78	V
33	100	Piano 1	20-21	6	0.00	9.36	5.09	14.45	1	0	-478	-	0	-2663	-	5.57	V
					155.02	9.36	5.09	14.45	1	0	175	-	0	1599	-	9.12	V
					186.02	9.36	5.09	14.45	1	0	180	-	0	1599	-	8.86	V
34	101	Piano 1	20-23	5	0.00	10.24	4.21	14.45	1	0	-2119	-	-1	-10278	-	4.85	V
					146.44	3.08	8.23	11.31	1	0	1566	-	0	8312	-	5.31	V
					219.67	10.24	4.21	14.45	1	0	1010	-	-3	4350	-	4.31	V
35	102	Piano 1	21-24	5	0.00	10.24	4.21	14.45	1	0	-1563	-	-1	-10278	-	6.58	V
					177.06	3.08	8.23	11.31	1	0	901	-	0	8312	-	9.23	V
					212.48	10.24	4.21	14.45	1	0	708	-	-3	4350	-	6.15	V
36	103	Piano 1	22-23	6	0.00	13.38	4.62	18.00	1	0	-1062	-	0	-3695	-	3.48	V
					303.66	3.08	8.64	11.72	1	0	807	-	-1	2505	-	3.10	V
					607.32	13.38	4.62	18.00	1	0	-1335	-	0	-3695	-	2.77	V
37	104	Piano 1	22-25	5	0.00	10.24	4.21	14.45	1	0	-2383	-	-1	-10278	-	4.31	V
					183.05	3.08	8.23	11.31	1	0	1505	-	0	8312	-	5.52	V
					219.66	10.24	4.21	14.45	1	0	1162	-	-3	4350	-	3.74	V
38	105	Piano 1	23-24	6	0.00	9.36	5.09	14.45	1	0	-477	-	0	-2663	-	5.59	V
					153.61	9.36	5.09	14.45	1	0	167	-	0	1599	-	9.58	V
					184.33	9.36	5.09	14.45	1	0	172	-	0	1599	-	9.27	V
39	106	Piano 1	23-26	5	0.00	10.24	4.21	14.45	1	0	-2763	-	-1	-10278	-	3.72	V
					183.06	3.08	8.23	11.31	1	0	1668	-	0	8312	-	4.98	V
					219.67	10.24	4.21	14.45	1	0	1350	-	-3	4350	-	3.22	V
40	107	Piano 1	24-27	5	0.00	10.24	4.21	14.45	1	0	-2147	-	-1	-10278	-	4.79	V
					189.04	3.08	8.23	11.31	1	0	1215	-	0	8312	-	6.84	V
					226.85	10.24	4.21	14.45	1	0	1111	-	-3	4350	-	3.92	V
41	108	Piano 1	25-26	6	0.00	13.38	4.62	18.00	1	0	-1041	-	0	-3695	-	3.55	V
					302.46	3.08	8.64	11.72	1	0	802	-	-1	2505	-	3.12	V
					604.93	13.38	4.62	18.00	1	0	-1335	-	0	-3695	-	2.77	V
42	109	Piano 1	25-29	5	0.00	10.24	4.21	14.45	1	0	-2483	-	-1	-10278	-	4.14	V
					189.41	3.08	8.23	11.31	1	0	1731	-	0	8312	-	4.80	V
					227.30	10.24	4.21	14.45	1	0	1376	-	-3	4350	-	3.16	V
43	110	Piano 1	26-27	6	0.00	9.36	5.09	14.45	1	0	-367	-	0	-2663	-	7.26	V
					155.02	9.36	5.09	14.45	1	0	81	-	0	1599	-	19.83	V
					248.03	9.36	5.09	14.45	1	0	-153	-	0	-2663	-	17.45	V
44	111	Piano 1	26-30	5	0.00	10.24	4.21	14.45	1	0	-2955	-	-1	-10278	-	3.48	V
					189.41	3.08	8.23	11.31	1	0	1939	-	0	8312	-	4.29	V
					227.30	10.24	4.21	14.45	1	0	1630	-	-3	4350	-	2.67	V
45	112	Piano 1	28-27	5	0.00	9.24	3.08	12.32	1	0	2366	-	0	3223	-	1.36	V
					112.16	3.08	6.16	9.24	1	0	1700	-	0	6269	-	3.69	V
					299.10	9.24	3.08	12.32	1	0	-2737	-	0	-9308	-	3.40	V
46	113	Piano 1	27-31	5	0.00	10.24	4.21	14.45	1	0	-1634	-	-1	-10278	-	6.29	V
					151.53	3.08	8.23	11.31	1	0	1353	-	0	8312	-	6.14	V
					227.30	10.24	4.21	14.45	1	0	993	-	-3	4350	-	4.38	V
47	114	Piano 1	32-28	5	0.00	13.38	3.08	16.46	1	0	-2446	-	0	-13234	-	5.41	V
					195.47	3.08	7.10	10.18	1	0	1689	-	0	7193	-	4.26	V
					234.56	16.52	3.08	19.60	1	0	1638	-	2	3237	-	1.98	V
48	115	Piano 1	29-30	5	75.62	9.24	3.08	12.32	1	0	1267	-	0	3223	-	2.54	V
					226.85	3.08	6.16	9.24	1	0	2006	-	0	6269	-	3.12	V
					604.93	9.24	3.08	12.32	1	0	-2949	-	0	-9308	-	3.16	V
49	116	Piano 1	29-33	5	0.00	10.24	4.21	14.45	1	0	-1569	-	-1	-10278	-	6.55	V
					144.05	3.08	8.23	11.31	1	0	1297	-	0	8312	-	6.41	V
					288.09	10.24	4.21	14.45	1	0	-1608	-	-1	-10278	-	6.39	V
50	117	Piano 1	30-31	5	0.00	9.24	3.08	12.32	1	0	-2032	-	0	-9308	-	4.58	V
					93.01	3.08	6.16	9.24	1	0	-841	-	0	-3222	-	3.83	V
					186.02	9.24	3.08	12.32	1	0	-238	-	0	-9308	-	39.04	V
51	118	Piano 1	30-34	5	0.00	10.24	4.21	14.45	1	0	-1603	-	-1	-10278	-	6.41	V
					146.44	3.08	8.23	11.31	1	0	1515	-	0	8312	-	5.49	V
					292.88	10.24	4.21	14.45	1	0	-1709	-	-1	-10278	-	6.02	V
52	119	Piano 1	31-32	5	0.00	9.24	3.08	12.32	1	0	-675	-	0	-9308	-	13.79	V
					189.08	3.08	6.16	9.24	1	0	770	-	0	6269	-	8.14	V
					226.89	9.24	3.08	12.32	1	0	767	-	0	3223	-	4.20	V
53	120	Piano 1	31-35	5	0.00	10.24	4.21	14.45	1	0	-1320	-	-1	-10278	-	7.78	V
					127.23	3.08	8.23	11.31	1	0	895	-	0	8312	-	9.29	V
					152.68	10.24	4.21	14.45	1	0	893	-	-3	4350	-	4.87	V
54	121	Piano 1	36-32	5	0.00	9.11	7.10	16.21	1	0	-843	-	0	-9171	-	10.88	V
					139.29	3.08	7.10	10.18	1	0	914	-	0	7193	-	7.87	V
					278.57	9.11	7.10	16.21	1	0	-1276	-	0	-9171	-	7.19	V
55	122	Piano 1	33-34	6	0.00	13.38	4.62	18.00	1	0	-1062	-	0	-3695	-	3.48	V
					302.47	3.08	8.64	11.72	1	0	805	-	-1	2505	-	3.11	V
					604.94	13.38	4.62	18.00	1	0	-1307	-	0	-3695	-	2.83	V
56	123	Piano 1	33-39	5	0.00	10.24	4.21	14.45	1	0	-3348	-	-1	-10278	-	3.07	V
					221.27	3.08	8.23	11.31	1	0	2779	-	0	8312	-	2.99	V
					265.52	10.24	4.21	14.45	1	0	2293	-	-3	4350	-	1.90	V
57	124	Piano 1	34-35	6	0.00	9.36	5.09	14.45	1	0	-350	-	0	-2663	-	7.60	V
					155.50	9.36	5.09	14.45	1	0	109	-	0				

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					248.80	9.36	5.09	14.45	1	0	-132	-	0	-2663	-	20.12	V
58	125	Piano 1	34-40	5	0.00	10.24	4.21	14.45	1	0	-3235	-	-1	-10278	-	3.18	V
					218.28	3.08	8.23	11.31	1	0	2643	-	0	8312	-	3.14	V
					261.94	10.24	4.21	14.45	1	0	2056	-	-3	4350	-	2.12	V
59	126	Piano 1	35-36	5	75.63	9.24	3.08	12.32	1	0	495	-	0	3223	-	6.50	V
					151.26	3.08	6.16	9.24	1	0	1000	-	0	6269	-	6.27	V
					226.89	9.24	3.08	12.32	1	0	751	-	0	3223	-	4.29	V
60	127	Piano 1	35-37	5	55.39	6.22	8.23	14.45	1	0	426	-	0	8307	-	19.50	V
					110.78	3.08	8.23	11.31	1	0	534	-	0	8312	-	15.58	V
					166.17	10.24	4.21	14.45	1	0	224	-	-3	4350	-	19.43	V
61	128	Piano 1	38-36	5	0.00	9.24	7.10	16.34	1	0	-276	-	0	-9306	-	33.68	V
					83.09	4.62	7.10	11.72	1	0	189	-	1	7192	-	38.11	V
					221.56	9.24	7.10	16.34	1	0	-806	-	0	-9306	-	11.55	V
62	129	Piano 1	37-38	5	75.63	9.24	3.08	12.32	1	0	857	-	0	3223	-	3.76	V
					151.26	3.08	6.16	9.24	1	0	1248	-	0	6269	-	5.02	V
					226.89	9.24	3.08	12.32	1	0	896	-	0	3223	-	3.60	V
63	130	Piano 1	37-41	5	0.00	10.24	4.21	14.45	1	0	-551	-	-1	-10278	-	18.67	V
					63.74	3.08	8.23	11.31	1	0	479	-	0	8312	-	17.34	V
					101.98	10.24	4.21	14.45	1	0	631	-	-3	4350	-	6.89	V
64	131	Piano 1	42-38	5	0.00	9.24	7.10	16.34	1	0	972	-	2	7190	-	7.40	V
					38.24	4.62	7.10	11.72	1	0	664	-	1	7192	-	10.84	V
					101.98	9.24	7.10	16.34	1	0	-549	-	0	-9306	-	16.96	V
65	132	Piano 1	39-40	5	152.13	6.16	6.16	12.32	1	0	2451	-	0	6267	-	2.56	V
					228.20	3.08	6.16	9.24	1	0	2996	-	0	6269	-	2.09	V
					608.52	9.24	3.08	12.32	1	0	-4291	-	0	-9308	-	2.17	V
66	133	Piano 1	40-41	5	0.00	9.24	3.08	12.32	1	0	-2260	-	0	-9308	-	4.12	V
					91.66	3.08	6.16	9.24	1	0	-852	-	0	-3222	-	3.78	V
					244.44	9.24	3.08	12.32	1	0	-660	-	0	-9308	-	14.11	V
67	134	Piano 1	41-42	5	75.63	9.24	3.08	12.32	1	0	487	-	0	3223	-	6.62	V
					151.26	3.08	6.16	9.24	1	0	969	-	0	6269	-	6.47	V
					226.89	9.24	3.08	12.32	1	0	791	-	0	3223	-	4.07	V
68	177	Piano 2	1-2	5	151.23	6.16	6.16	12.32	1	0	1656	-	0	6267	-	3.78	V
					302.46	3.08	6.16	9.24	1	0	2405	-	0	6269	-	2.61	V
					604.93	9.24	3.08	12.32	1	0	-4012	-	0	-9308	-	2.32	V
69	178	Piano 2	1-4	5	93.54	7.16	9.17	16.34	1	0	1877	-	1	9224	-	4.91	V
					187.07	4.02	9.17	13.19	1	0	2486	-	-1	9229	-	3.71	V
					374.14	11.18	5.15	16.34	1	0	-3597	-	-1	-11193	-	3.11	V
70	179	Piano 2	2-3	5	0.00	9.24	3.08	12.32	1	0	-1943	-	0	-9308	-	4.79	V
					93.01	3.08	6.16	9.24	1	0	-351	-	0	-3222	-	9.18	V
					186.02	9.24	3.08	12.32	1	0	244	-	0	3223	-	13.24	V
71	180	Piano 2	2-5	5	93.53	7.16	9.17	16.34	1	0	1995	-	1	9224	-	4.62	V
					187.05	4.02	9.17	13.19	1	0	2657	-	-1	9229	-	3.47	V
					374.10	11.18	5.15	16.34	1	0	-3868	-	-1	-11193	-	2.89	V
72	181	Piano 2	3-6	5	93.54	7.16	9.17	16.34	1	0	1215	-	1	9224	-	7.59	V
					187.07	4.02	9.17	13.19	1	0	1628	-	-1	9229	-	5.67	V
					374.14	11.18	5.15	16.34	1	0	-2338	-	-1	-11193	-	4.79	V
73	182	Piano 2	4-5	6	0.00	13.38	4.62	18.00	1	0	-1147	-	0	-3695	-	3.22	V
					302.45	3.08	8.64	11.72	1	0	761	-	-1	2505	-	3.29	V
					604.90	13.38	4.62	18.00	1	0	-1311	-	0	-3695	-	2.82	V
74	183	Piano 2	4-7	5	0.00	10.24	4.21	14.45	1	0	-1630	-	-1	-10278	-	6.31	V
					151.44	3.08	8.23	11.31	1	0	1400	-	0	8312	-	5.94	V
					302.88	10.24	4.21	14.45	1	0	-1950	-	-1	-10278	-	5.27	V
75	184	Piano 2	5-6	6	0.00	9.36	5.09	14.45	1	0	-253	-	0	-2663	-	10.53	V
					124.33	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.11	V
					186.49	9.36	5.09	14.45	1	0	90	-	0	1599	-	17.75	V
76	185	Piano 2	5-8	5	0.00	10.24	4.21	14.45	1	0	-1824	-	-1	-10278	-	5.63	V
					151.46	3.08	8.23	11.31	1	0	1478	-	0	8312	-	5.62	V
					302.93	10.24	4.21	14.45	1	0	-2082	-	-1	-10278	-	4.94	V
77	186	Piano 2	6-9	5	0.00	10.24	4.21	14.45	1	0	-1117	-	-1	-10278	-	9.20	V
					151.44	3.08	8.23	11.31	1	0	929	-	0	8312	-	8.95	V
					302.88	10.24	4.21	14.45	1	0	-1212	-	-1	-10278	-	8.48	V
78	187	Piano 2	7-8	6	0.00	13.38	4.62	18.00	1	0	-1149	-	0	-3695	-	3.22	V
					302.46	3.08	8.64	11.72	1	0	760	-	-1	2505	-	3.30	V
					604.93	13.38	4.62	18.00	1	0	-1311	-	0	-3695	-	2.82	V
79	188	Piano 2	7-10	5	0.00	10.24	4.21	14.45	1	0	-1572	-	-1	-10278	-	6.54	V
					151.44	3.08	8.23	11.31	1	0	1529	-	0	8312	-	5.44	V
					302.88	10.24	4.21	14.45	1	0	-1749	-	-1	-10278	-	5.87	V
80	189	Piano 2	8-9	6	0.00	9.36	5.09	14.45	1	0	-256	-	0	-2663	-	10.39	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.13	V
					186.02	9.36	5.09	14.45	1	0	93	-	0	1599	-	17.21	V
81	190	Piano 2	8-11	5	0.00	10.24	4.21	14.45	1	0	-2083	-	-1	-10278	-	4.93	V
					151.44	3.08	8.23	11.31	1	0	1669	-	0	8312	-	4.98	V
					227.16	10.24	4.21	14.45	1	0	973	-	-3	4350	-	4.47	V
82	191	Piano 2	9-12	5	0.00	10.24	4.21	14.45	1	0	-949	-	-1	-10278	-	10.83	V
					151.44	3.08	8.23	11.31	1	0	996	-	0	8312	-	8.35	V
					302.88	10.24	4.21	14.45	1	0	-1245	-	-1	-10278	-	8.25	V
83	192	Piano 2	10-11	5	151.23	6.16	6.16	12.32	1	0	1043	-	0	6267	-	6.01	V
					226.85	3.08	6.16	9.24	1	0	1396	-	0	6269	-	4.49	V
					604.93	9.24	3.08	12.32	1	0	-2669	-	0	-9308	-	3.49	V
84	193	Piano 2	10-13	5	0.00	10.24	4.21	14.45	1	0	-1379	-	-1	-10278	-	7.45	V
					151.44	3.08	8.23	11.31	1	0	1528	-	0	8312	-	5.44	V
					302.88	10.24	4.21	14.45	1	0	-1944	-	-1	-10278	-	5.29	V
85	194	Piano 2	11-12	5	0.00	9.24	3.08	12.32	1	0	-1075	-	0	-9308	-	8.66	V
					93.01	3.08	6.16	9.24	1	0	-189	-	0	-3222	-	17.01	V
					186.02	9.24	3.08	12.32	1	0	108	-	0	3223	-	29.81	V
86	195	Piano 2	11-14	5	75.72	6.22	8.23	14.45	1	0	1119	-	0	8307	-	7.42	V
					151.44	3.08	8.23	11.31	1	0	1675	-	0	8312	-	4.96	V
					302.88	10.24	4.21	14.45	1	0	-2360	-	-1	-10278	-	4.36	V
87	196	Piano 2	12-15	5	0.00	10.24	4.21	14.45	1	0	-1071	-	-1	-10278	-	9.59	V
					151.44	3.08	8.23	11.31	1	0	992	-	0	8312	-	8.38	V
					302.88	10.24	4.21	14.45	1	0	-1132	-	-1	-10278	-	9.08	V
88	197	Piano 2	13-14	6	0.00	13.38	4.62	18.00	1	0	-1142	-	0	-3695	-	3.24	V
					302.46	3.08	8.64	11.72	1	0	759	-	-1	2505	-	3.30	V
					604.93	13.38	4.62	18.00	1	0	-1319	-	0	-3695	-	2.80	V
89	198	Piano 2	13-16	5	0.00	10.24	4.21	14.45	1	0	-1613	-	-1	-10278	-		

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					156.53	3.08	8.23	11.31	1	0	1613	-	0	8312	-	5.15	V
					313.06	10.24	4.21	14.45	1	0	-1975	-	-1	-10278	-	5.20	V
90	199	Piano 2	14-15	6	0.00	9.36	5.09	14.45	1	0	-240	-	0	-2663	-	11.08	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.12	V
					186.02	9.36	5.09	14.45	1	0	85	-	0	1599	-	18.80	V
91	200	Piano 2	14-17	5	0.00	10.24	4.21	14.45	1	0	-1752	-	-1	-10278	-	5.87	V
					156.53	3.08	8.23	11.31	1	0	1713	-	0	8312	-	4.85	V
					313.06	10.24	4.21	14.45	1	0	-2152	-	-1	-10278	-	4.78	V
92	201	Piano 2	15-18	5	0.00	10.24	4.21	14.45	1	0	-1118	-	-1	-10278	-	9.20	V
					156.53	3.08	8.23	11.31	1	0	1060	-	0	8312	-	7.84	V
					313.06	10.24	4.21	14.45	1	0	-1235	-	-1	-10278	-	8.32	V
93	202	Piano 2	16-17	6	0.00	13.38	4.62	18.00	1	0	-1131	-	0	-3695	-	3.27	V
					302.46	3.08	8.64	11.72	1	0	758	-	-1	2505	-	3.30	V
					604.93	13.38	4.62	18.00	1	0	-1332	-	0	-3695	-	2.77	V
94	203	Piano 2	16-19	5	0.00	10.24	4.21	14.45	1	0	-1715	-	-1	-10278	-	5.99	V
					156.53	3.08	8.23	11.31	1	0	1604	-	0	8312	-	5.18	V
					313.06	10.24	4.21	14.45	1	0	-1892	-	-1	-10278	-	5.43	V
95	204	Piano 2	17-18	6	0.00	9.36	5.09	14.45	1	0	-243	-	0	-2663	-	10.96	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.07	V
					186.02	9.36	5.09	14.45	1	0	87	-	0	1599	-	18.31	V
96	205	Piano 2	17-20	5	0.00	10.24	4.21	14.45	1	0	-1871	-	-1	-10278	-	5.49	V
					156.53	3.08	8.23	11.31	1	0	1715	-	0	8312	-	4.85	V
					313.06	10.24	4.21	14.45	1	0	-2028	-	-1	-10278	-	5.07	V
97	206	Piano 2	18-21	5	0.00	10.24	4.21	14.45	1	0	-1254	-	-1	-10278	-	8.20	V
					156.53	3.08	8.23	11.31	1	0	1039	-	0	8312	-	8.00	V
					234.80	10.24	4.21	14.45	1	0	508	-	-3	4350	-	8.57	V
98	207	Piano 2	19-20	6	0.00	13.38	4.62	18.00	1	0	-1124	-	0	-3695	-	3.29	V
					302.46	3.08	8.64	11.72	1	0	758	-	-1	2505	-	3.31	V
					604.93	13.38	4.62	18.00	1	0	-1341	-	0	-3695	-	2.76	V
99	208	Piano 2	19-22	5	0.00	10.24	4.21	14.45	1	0	-1822	-	-1	-10278	-	5.64	V
					151.44	3.08	8.23	11.31	1	0	1450	-	0	8312	-	5.73	V
					302.88	10.24	4.21	14.45	1	0	-1669	-	-1	-10278	-	6.16	V
100	209	Piano 2	20-21	6	0.00	9.36	5.09	14.45	1	0	-245	-	0	-2663	-	10.86	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.07	V
					186.02	9.36	5.09	14.45	1	0	88	-	0	1599	-	18.07	V
101	210	Piano 2	20-23	5	0.00	10.24	4.21	14.45	1	0	-2037	-	-1	-10278	-	5.05	V
					151.44	3.08	8.23	11.31	1	0	1544	-	0	8312	-	5.38	V
					227.17	10.24	4.21	14.45	1	0	771	-	-3	4350	-	5.64	V
102	211	Piano 2	21-24	5	0.00	10.24	4.21	14.45	1	0	-1416	-	-1	-10278	-	7.26	V
					146.65	3.08	8.23	11.31	1	0	837	-	0	8312	-	9.92	V
					219.98	10.24	4.21	14.45	1	0	494	-	-3	4350	-	8.81	V
103	212	Piano 2	22-23	6	0.00	13.38	4.62	18.00	1	0	-1136	-	0	-3695	-	3.25	V
					303.66	3.08	8.64	11.72	1	0	763	-	-1	2505	-	3.28	V
					607.32	13.38	4.62	18.00	1	0	-1349	-	0	-3695	-	2.74	V
104	213	Piano 2	22-25	5	0.00	10.24	4.21	14.45	1	0	-2462	-	-1	-10278	-	4.17	V
					151.44	3.08	8.23	11.31	1	0	1495	-	0	8312	-	5.56	V
					227.16	10.24	4.21	14.45	1	0	1078	-	-3	4350	-	4.04	V
105	214	Piano 2	23-24	6	0.00	9.36	5.09	14.45	1	0	-259	-	0	-2663	-	10.29	V
					122.89	9.36	5.09	14.45	1	0	139	-	0	1599	-	11.47	V
					184.33	9.36	5.09	14.45	1	0	92	-	0	1599	-	17.35	V
106	215	Piano 2	23-26	5	0.00	10.24	4.21	14.45	1	0	-2858	-	-1	-10278	-	3.60	V
					189.31	3.08	8.23	11.31	1	0	1572	-	0	8312	-	5.29	V
					227.17	10.24	4.21	14.45	1	0	1170	-	-3	4350	-	3.72	V
107	216	Piano 2	24-27	5	0.00	10.24	4.21	14.45	1	0	-2357	-	-1	-10278	-	4.36	V
					195.29	3.08	8.23	11.31	1	0	1219	-	0	8312	-	6.82	V
					234.35	10.24	4.21	14.45	1	0	1105	-	-3	4350	-	3.93	V
108	217	Piano 2	25-26	6	0.00	13.38	4.62	18.00	1	0	-1148	-	0	-3695	-	3.22	V
					302.46	3.08	8.64	11.72	1	0	757	-	-1	2505	-	3.31	V
					604.93	13.38	4.62	18.00	1	0	-1316	-	0	-3695	-	2.81	V
109	218	Piano 2	25-29	5	0.00	10.24	4.21	14.45	1	0	-2583	-	-1	-10278	-	3.98	V
					156.53	3.08	8.23	11.31	1	0	1664	-	0	8312	-	5.00	V
					234.80	10.24	4.21	14.45	1	0	1232	-	-3	4350	-	3.53	V
110	219	Piano 2	26-27	6	0.00	9.36	5.09	14.45	1	0	-258	-	0	-2663	-	10.33	V
					124.02	9.36	5.09	14.45	1	0	111	-	0	1599	-	14.35	V
					248.03	9.36	5.09	14.45	1	0	-188	-	0	-2663	-	14.13	V
111	220	Piano 2	26-30	5	0.00	10.24	4.21	14.45	1	0	-2926	-	-1	-10278	-	3.51	V
					195.66	3.08	8.23	11.31	1	0	1912	-	0	8312	-	4.35	V
					234.80	10.24	4.21	14.45	1	0	1506	-	-3	4350	-	2.89	V
112	221	Piano 2	28-27	5	74.85	9.24	3.08	12.32	1	0	1316	-	0	3223	-	2.45	V
					112.27	3.08	6.16	9.24	1	0	1165	-	0	6269	-	5.38	V
					299.39	9.24	3.08	12.32	1	0	-2086	-	0	-9308	-	4.46	V
113	222	Piano 2	27-31	5	0.00	10.24	4.21	14.45	1	0	-1508	-	-1	-10278	-	6.82	V
					156.53	3.08	8.23	11.31	1	0	1413	-	0	8312	-	5.88	V
					234.80	10.24	4.21	14.45	1	0	896	-	-3	4350	-	4.86	V
114	223	Piano 2	32-28	5	0.00	13.38	3.08	16.46	1	0	-2547	-	0	-13234	-	5.20	V
					195.47	3.08	7.10	10.18	1	0	1646	-	0	7193	-	4.37	V
					234.56	16.52	3.08	19.60	1	0	1581	-	2	3237	-	2.05	V
115	224	Piano 2	29-30	5	151.23	6.16	6.16	12.32	1	0	1063	-	0	6267	-	5.90	V
					226.85	3.08	6.16	9.24	1	0	1416	-	0	6269	-	4.43	V
					604.93	9.24	3.08	12.32	1	0	-2652	-	0	-9308	-	3.51	V
116	225	Piano 2	29-33	5	0.00	10.24	4.21	14.45	1	0	-1685	-	-1	-10278	-	6.10	V
					149.05	3.08	8.23	11.31	1	0	1421	-	0	8312	-	5.85	V
					298.09	10.24	4.21	14.45	1	0	-1652	-	-1	-10278	-	6.22	V
117	226	Piano 2	30-31	5	0.00	9.24	3.08	12.32	1	0	-721	-	0	-9308	-	12.91	V
					93.01	3.08	6.16	9.24	1	0	-229	-	0	-3222	-	14.08	V
					248.03	9.24	3.08	12.32	1	0	-715	-	0	-9308	-	13.01	V
118	227	Piano 2	30-34	5	0.00	10.24	4.21	14.45	1	0	-1572	-	-1	-10278	-	6.54	V
					151.44	3.08	8.23	11.31	1	0	1596	-	0	8312	-	5.21	V
					302.88	10.24	4.21	14.45	1	0	-2017	-	-1	-10278	-	5.09	V
119	228	Piano 2	31-32	5	0.00	9.24	3.08	12.32	1	0	-693	-	0	-9308	-	13.43	V
					189.08	3.08	6.16	9.24	1	0	414	-	0	6269	-	15.12	V
					226.89	9.24	3.08	12.32	1	0	344	-	0	3223	-	9.36	V
120	229	Piano 2	31-35	5	0.00	10.24	4.21	14.45	1	0	-676	-	-1	-10278	-	15.21	V
					106.79	3.08	8.23	11.31	1	0	870	-	0	8312	-	9.55	V
					160.18	10.24	4.21	14.									

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121	230	Piano 2	36-32	5	0.00	9.11	7.10	16.21	1	0	-1373	-	0	-9171	-	6.68	V
					144.29	3.08	7.10	10.18	1	0	998	-	0	7193	-	7.21	V
					288.57	9.11	7.10	16.21	1	0	-860	-	0	-9171	-	10.67	V
122	231	Piano 2	33-34	6	0.00	13.38	4.62	18.00	1	0	-1153	-	0	-3695	-	3.20	V
					302.47	3.08	8.64	11.72	1	0	762	-	-1	2505	-	3.29	V
					604.94	13.38	4.62	18.00	1	0	-1303	-	0	-3695	-	2.84	V
123	232	Piano 2	33-39	5	0.00	10.24	4.21	14.45	1	0	-3168	-	-1	-10278	-	3.24	V
					187.01	3.08	8.23	11.31	1	0	2461	-	0	8312	-	3.38	V
					280.52	10.24	4.21	14.45	1	0	1651	-	-3	4350	-	2.64	V
124	233	Piano 2	34-35	6	62.18	9.36	5.09	14.45	1	0	85	-	0	1599	-	18.71	V
					124.36	9.36	5.09	14.45	1	0	133	-	0	1599	-	12.00	V
					248.72	9.36	5.09	14.45	1	0	-288	-	0	-2663	-	9.23	V
125	234	Piano 2	34-40	5	0.00	10.24	4.21	14.45	1	0	-3045	-	-1	-10278	-	3.38	V
					179.62	3.08	8.23	11.31	1	0	2564	-	0	8312	-	3.24	V
					269.44	10.24	4.21	14.45	1	0	1641	-	-3	4350	-	2.65	V
126	235	Piano 2	35-36	5	75.63	9.24	3.08	12.32	1	0	495	-	0	3223	-	6.51	V
					151.26	3.08	6.16	9.24	1	0	895	-	0	6269	-	7.00	V
					226.89	9.24	3.08	12.32	1	0	539	-	0	3223	-	5.98	V
127	236	Piano 2	35-37	5	55.39	6.22	8.23	14.45	1	0	381	-	0	8307	-	21.81	V
					110.78	3.08	8.23	11.31	1	0	680	-	0	8312	-	12.23	V
					166.17	10.24	4.21	14.45	1	0	561	-	-3	4350	-	7.75	V
128	237	Piano 2	38-36	5	55.39	4.62	7.10	11.72	1	0	348	-	1	7192	-	20.65	V
					83.09	4.62	7.10	11.72	1	0	383	-	1	7192	-	18.78	V
					221.56	9.24	7.10	16.34	1	0	-722	-	0	-9306	-	12.89	V
129	238	Piano 2	37-38	5	75.63	9.24	3.08	12.32	1	0	746	-	0	3223	-	4.32	V
					151.26	3.08	6.16	9.24	1	0	1036	-	0	6269	-	6.05	V
					226.89	9.24	3.08	12.32	1	0	582	-	0	3223	-	5.54	V
130	239	Piano 2	37-41	5	14.00	10.24	4.21	14.45	1	0	211	-	-3	4350	-	20.61	V
					41.99	3.08	8.23	11.31	1	0	325	-	0	8312	-	25.57	V
					83.99	10.24	4.21	14.45	1	0	177	-	-3	4350	-	24.64	V
131	240	Piano 2	42-38	5	0.00	9.24	7.10	16.34	1	0	-200	-	0	-9306	-	46.60	V
					69.99	4.62	7.10	11.72	1	0	293	-	1	7192	-	24.56	V
					83.99	4.62	7.10	11.72	1	0	275	-	1	7192	-	26.11	V
132	241	Piano 2	39-40	5	152.13	6.16	6.16	12.32	1	0	1724	-	0	6267	-	3.64	V
					304.26	3.08	6.16	9.24	1	0	2473	-	0	6269	-	2.53	V
					608.52	9.24	3.08	12.32	1	0	-4036	-	0	-9308	-	2.31	V
133	242	Piano 2	40-41	5	0.00	9.24	3.08	12.32	1	0	-1117	-	0	-9308	-	8.33	V
					91.66	3.08	6.16	9.24	1	0	-282	-	0	-3222	-	11.43	V
					244.44	9.24	3.08	12.32	1	0	-1043	-	0	-9308	-	8.93	V
134	243	Piano 2	41-42	5	75.63	9.24	3.08	12.32	1	0	350	-	0	3223	-	9.21	V
					151.26	3.08	6.16	9.24	1	0	709	-	0	6269	-	8.85	V
					226.89	9.24	3.08	12.32	1	0	407	-	0	3223	-	7.91	V
135	286	Piano 3	1-2	5	151.23	6.16	6.16	12.32	1	0	1303	-	0	6267	-	4.81	V
					226.85	3.08	6.16	9.24	1	0	1643	-	0	6269	-	3.81	V
					604.93	9.24	3.08	12.32	1	0	-2488	-	0	-9308	-	3.74	V
136	287	Piano 3	1-4	5	93.54	7.16	9.17	16.34	1	0	1469	-	1	9224	-	6.28	V
					140.30	4.02	9.17	13.19	1	0	1815	-	-1	9229	-	5.08	V
					374.14	11.18	5.15	16.34	1	0	-2289	-	-1	-11193	-	4.89	V
137	288	Piano 3	2-3	5	0.00	9.24	3.08	12.32	1	0	-1609	-	0	-9308	-	5.78	V
					93.01	3.08	6.16	9.24	1	0	-492	-	0	-3222	-	6.55	V
					217.03	9.24	3.08	12.32	1	0	82	-	0	3223	-	39.13	V
138	289	Piano 3	2-5	5	93.53	7.16	9.17	16.34	1	0	1815	-	1	9224	-	5.08	V
					140.29	4.02	9.17	13.19	1	0	2270	-	-1	9229	-	4.07	V
					374.10	11.18	5.15	16.34	1	0	-2825	-	-1	-11193	-	3.96	V
139	290	Piano 3	3-6	5	93.54	7.16	9.17	16.34	1	0	928	-	1	9224	-	9.94	V
					140.30	4.02	9.17	13.19	1	0	1140	-	-1	9229	-	8.10	V
					374.14	11.18	5.15	16.34	1	0	-1435	-	-1	-11193	-	7.80	V
140	291	Piano 3	4-5	6	0.00	13.38	4.62	18.00	1	0	-1102	-	0	-3695	-	3.35	V
					302.45	3.08	8.64	11.72	1	0	795	-	-1	2505	-	3.15	V
					604.90	13.38	4.62	18.00	1	0	-1288	-	0	-3695	-	2.87	V
141	292	Piano 3	4-7	5	0.00	10.24	4.21	14.45	1	0	-1286	-	-1	-10278	-	7.99	V
					151.44	3.08	8.23	11.31	1	0	776	-	0	8312	-	10.71	V
					302.88	10.24	4.21	14.45	1	0	-1241	-	-1	-10278	-	8.28	V
142	293	Piano 3	5-6	6	0.00	9.36	5.09	14.45	1	0	-354	-	0	-2663	-	7.53	V
					155.41	9.36	5.09	14.45	1	0	130	-	0	1599	-	12.27	V
					186.49	9.36	5.09	14.45	1	0	101	-	0	1599	-	15.82	V
143	294	Piano 3	5-8	5	0.00	10.24	4.21	14.45	1	0	-1696	-	-1	-10278	-	6.06	V
					151.46	3.08	8.23	11.31	1	0	936	-	0	8312	-	8.88	V
					302.93	10.24	4.21	14.45	1	0	-1584	-	-1	-10278	-	6.49	V
144	295	Piano 3	6-9	5	0.00	10.24	4.21	14.45	1	0	-827	-	-1	-10278	-	12.42	V
					151.44	3.08	8.23	11.31	1	0	495	-	0	8312	-	16.79	V
					302.88	10.24	4.21	14.45	1	0	-722	-	-1	-10278	-	14.23	V
145	296	Piano 3	7-8	6	0.00	13.38	4.62	18.00	1	0	-1100	-	0	-3695	-	3.36	V
					302.46	3.08	8.64	11.72	1	0	795	-	-1	2505	-	3.15	V
					604.93	13.38	4.62	18.00	1	0	-1289	-	0	-3695	-	2.87	V
146	297	Piano 3	7-10	5	0.00	10.24	4.21	14.45	1	0	-1042	-	-1	-10278	-	9.86	V
					151.44	3.08	8.23	11.31	1	0	987	-	0	8312	-	8.42	V
					227.16	10.24	4.21	14.45	1	0	473	-	-3	4350	-	9.20	V
147	298	Piano 3	8-9	6	0.00	9.36	5.09	14.45	1	0	-361	-	0	-2663	-	7.38	V
					155.02	9.36	5.09	14.45	1	0	131	-	0	1599	-	12.22	V
					186.02	9.36	5.09	14.45	1	0	104	-	0	1599	-	15.41	V
148	299	Piano 3	8-11	5	0.00	10.24	4.21	14.45	1	0	-1636	-	-1	-10278	-	6.28	V
					151.44	3.08	8.23	11.31	1	0	1295	-	0	8312	-	6.42	V
					227.16	10.24	4.21	14.45	1	0	828	-	-3	4350	-	5.25	V
149	300	Piano 3	9-12	5	0.00	10.24	4.21	14.45	1	0	-553	-	-1	-10278	-	18.57	V
					151.44	3.08	8.23	11.31	1	0	602	-	0	8312	-	13.81	V
					302.88	10.24	4.21	14.45	1	0	-783	-	-1	-10278	-	13.13	V
150	301	Piano 3	10-11	5	151.23	6.16	6.16	12.32	1	0	1430	-	0	6267	-	4.38	V
					226.85	3.08	6.16	9.24	1	0	1749	-	0	6269	-	3.58	V
					604.93	9.24	3.08	12.32	1	0	-2492	-	0	-9308	-	3.74	V
151	302	Piano 3	10-13	5	0.00	10.24	4.21	14.45	1	0	-861	-	-1	-10278	-	11.94	V
					151.44	3.08	8.23	11.31	1	0	978	-	0	8312	-	8.50	V
					302.88	10.24	4.21	14.45	1	0	-1262	-	-1	-10278	-	8.15	V
152	303	Piano 3	11-12	5	0.00	9.24	3.08	12.32	1	0	-1641	-	0	-9308	-	5.67	V
					93.01	3.08	6.16	9.24	1	0	-530	-					

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					217.03	9.24	3.08	12.32	1	0	35	-	0	3223	-	91.56	V
153	304	Piano 3	11-14	5	75.72	6.22	8.23	14.45	1	0	902	-	0	8307	-	9.21	V
					151.44	3.08	8.23	11.31	1	0	1287	-	0	8312	-	6.46	V
					302.88	10.24	4.21	14.45	1	0	-1805	-	-1	-10278	-	5.69	V
154	305	Piano 3	12-15	5	0.00	10.24	4.21	14.45	1	0	-672	-	-1	-10278	-	15.31	V
					151.44	3.08	8.23	11.31	1	0	591	-	0	8312	-	14.07	V
					302.88	10.24	4.21	14.45	1	0	-687	-	-1	-10278	-	14.96	V
155	306	Piano 3	13-14	6	0.00	13.38	4.62	18.00	1	0	-1090	-	0	-3695	-	3.39	V
					302.46	3.08	8.64	11.72	1	0	796	-	-1	2505	-	3.15	V
					604.93	13.38	4.62	18.00	1	0	-1298	-	0	-3695	-	2.85	V
156	307	Piano 3	13-16	5	0.00	10.24	4.21	14.45	1	0	-1044	-	-1	-10278	-	9.85	V
					156.53	3.08	8.23	11.31	1	0	1022	-	0	8312	-	8.13	V
					313.06	10.24	4.21	14.45	1	0	-1270	-	-1	-10278	-	8.09	V
157	308	Piano 3	14-15	6	0.00	9.36	5.09	14.45	1	0	-347	-	0	-2663	-	7.69	V
					155.02	9.36	5.09	14.45	1	0	127	-	0	1599	-	12.63	V
					186.02	9.36	5.09	14.45	1	0	96	-	0	1599	-	16.69	V
158	309	Piano 3	14-17	5	0.00	10.24	4.21	14.45	1	0	-1401	-	-1	-10278	-	7.34	V
					156.53	3.08	8.23	11.31	1	0	1252	-	0	8312	-	6.64	V
					313.06	10.24	4.21	14.45	1	0	-1598	-	-1	-10278	-	6.43	V
159	310	Piano 3	15-18	5	0.00	10.24	4.21	14.45	1	0	-652	-	-1	-10278	-	15.76	V
					156.53	3.08	8.23	11.31	1	0	639	-	0	8312	-	13.00	V
					313.06	10.24	4.21	14.45	1	0	-783	-	-1	-10278	-	13.13	V
160	311	Piano 3	16-17	6	0.00	13.38	4.62	18.00	1	0	-1071	-	0	-3695	-	3.45	V
					302.46	3.08	8.64	11.72	1	0	798	-	-1	2505	-	3.14	V
					604.93	13.38	4.62	18.00	1	0	-1313	-	0	-3695	-	2.81	V
161	312	Piano 3	16-19	5	0.00	10.24	4.21	14.45	1	0	-1090	-	-1	-10278	-	9.43	V
					156.53	3.08	8.23	11.31	1	0	1010	-	0	8312	-	8.23	V
					313.06	10.24	4.21	14.45	1	0	-1247	-	-1	-10278	-	8.24	V
162	313	Piano 3	17-18	6	0.00	9.36	5.09	14.45	1	0	-357	-	0	-2663	-	7.46	V
					155.02	9.36	5.09	14.45	1	0	128	-	0	1599	-	12.47	V
					186.02	9.36	5.09	14.45	1	0	100	-	0	1599	-	16.03	V
163	314	Piano 3	17-20	5	0.00	10.24	4.21	14.45	1	0	-1417	-	-1	-10278	-	7.25	V
					156.53	3.08	8.23	11.31	1	0	1282	-	0	8312	-	6.48	V
					313.06	10.24	4.21	14.45	1	0	-1523	-	-1	-10278	-	6.75	V
164	315	Piano 3	18-21	5	0.00	10.24	4.21	14.45	1	0	-757	-	-1	-10278	-	13.57	V
					156.53	3.08	8.23	11.31	1	0	619	-	0	8312	-	13.42	V
					313.06	10.24	4.21	14.45	1	0	-717	-	-1	-10278	-	14.33	V
165	316	Piano 3	19-20	6	0.00	13.38	4.62	18.00	1	0	-1059	-	0	-3695	-	3.49	V
					302.46	3.08	8.64	11.72	1	0	799	-	-1	2505	-	3.14	V
					604.93	13.38	4.62	18.00	1	0	-1323	-	0	-3695	-	2.79	V
166	317	Piano 3	19-22	5	0.00	10.24	4.21	14.45	1	0	-1170	-	-1	-10278	-	8.78	V
					151.44	3.08	8.23	11.31	1	0	877	-	0	8312	-	9.48	V
					302.88	10.24	4.21	14.45	1	0	-1163	-	-1	-10278	-	8.84	V
167	318	Piano 3	20-21	6	0.00	9.36	5.09	14.45	1	0	-358	-	0	-2663	-	7.44	V
					155.02	9.36	5.09	14.45	1	0	128	-	0	1599	-	12.49	V
					186.02	9.36	5.09	14.45	1	0	100	-	0	1599	-	16.02	V
168	319	Piano 3	20-23	5	0.00	10.24	4.21	14.45	1	0	-1497	-	-1	-10278	-	6.86	V
					151.44	3.08	8.23	11.31	1	0	1032	-	0	8312	-	8.06	V
					302.89	10.24	4.21	14.45	1	0	-1569	-	-1	-10278	-	6.55	V
169	320	Piano 3	21-24	5	0.00	10.24	4.21	14.45	1	0	-845	-	-1	-10278	-	12.16	V
					146.65	3.08	8.23	11.31	1	0	355	-	0	8312	-	23.38	V
					293.30	10.24	4.21	14.45	1	0	-822	-	-1	-10278	-	12.51	V
170	321	Piano 3	22-23	6	0.00	13.38	4.62	18.00	1	0	-1060	-	0	-3695	-	3.49	V
					303.66	3.08	8.64	11.72	1	0	806	-	-1	2505	-	3.11	V
					607.32	13.38	4.62	18.00	1	0	-1340	-	0	-3695	-	2.76	V
171	322	Piano 3	22-25	5	0.00	10.24	4.21	14.45	1	0	-1581	-	-1	-10278	-	6.50	V
					151.44	3.08	8.23	11.31	1	0	715	-	0	8312	-	11.62	V
					302.88	10.24	4.21	14.45	1	0	-1076	-	-1	-10278	-	9.55	V
172	323	Piano 3	23-24	6	0.00	9.36	5.09	14.45	1	0	-363	-	0	-2663	-	7.35	V
					153.61	9.36	5.09	14.45	1	0	126	-	0	1599	-	12.70	V
					184.33	9.36	5.09	14.45	1	0	100	-	0	1599	-	15.92	V
173	324	Piano 3	23-26	5	0.00	10.24	4.21	14.45	1	0	-2343	-	-1	-10278	-	4.39	V
					189.31	3.08	8.23	11.31	1	0	1320	-	0	8312	-	6.30	V
					227.17	10.24	4.21	14.45	1	0	1086	-	-3	4350	-	4.01	V
174	325	Piano 3	24-27	5	0.00	10.24	4.21	14.45	1	0	-1813	-	-1	-10278	-	5.67	V
					195.29	3.08	8.23	11.31	1	0	929	-	0	8312	-	8.95	V
					234.35	10.24	4.21	14.45	1	0	976	-	-3	4350	-	4.46	V
175	326	Piano 3	25-26	6	0.00	13.38	4.62	18.00	1	0	-1014	-	0	-3695	-	3.64	V
					302.46	3.08	8.64	11.72	1	0	803	-	-1	2505	-	3.12	V
					604.93	13.38	4.62	18.00	1	0	-1360	-	0	-3695	-	2.72	V
176	327	Piano 3	25-29	5	0.00	10.24	4.21	14.45	1	0	-1237	-	-1	-10278	-	8.31	V
					156.53	3.08	8.23	11.31	1	0	1377	-	0	8312	-	6.04	V
					234.80	10.24	4.21	14.45	1	0	861	-	-3	4350	-	5.05	V
177	328	Piano 3	26-27	6	0.00	9.36	5.09	14.45	1	0	-311	-	0	-2663	-	8.56	V
					155.02	9.36	5.09	14.45	1	0	111	-	0	1599	-	14.40	V
					248.03	9.36	5.09	14.45	1	0	-137	-	0	-2663	-	19.38	V
178	329	Piano 3	26-30	5	0.00	10.24	4.21	14.45	1	0	-2749	-	-1	-10278	-	3.74	V
					195.66	3.08	8.23	11.31	1	0	1655	-	0	8312	-	5.02	V
					234.80	10.24	4.21	14.45	1	0	1375	-	-3	4350	-	3.16	V
179	330	Piano 3	28-27	5	0.00	9.24	3.08	12.32	1	0	1131	-	0	3223	-	2.85	V
					112.27	3.08	6.16	9.24	1	0	751	-	0	6269	-	8.35	V
					299.39	9.24	3.08	12.32	1	0	-1860	-	0	-9308	-	5.00	V
180	331	Piano 3	27-31	5	0.00	10.24	4.21	14.45	1	0	-1250	-	-1	-10278	-	8.22	V
					156.53	3.08	8.23	11.31	1	0	1271	-	0	8312	-	6.54	V
					234.80	10.24	4.21	14.45	1	0	839	-	-3	4350	-	5.18	V
181	332	Piano 3	32-28	5	0.00	13.38	3.08	16.46	1	0	-1753	-	0	-13234	-	7.55	V
					195.47	3.08	7.10	10.18	1	0	1124	-	0	7193	-	6.40	V
					234.56	16.52	3.08	19.60	1	0	1092	-	2	3237	-	2.96	V
182	333	Piano 3	29-30	5	75.62	9.24	3.08	12.32	1	0	1042	-	0	3223	-	3.09	V
					226.85	3.08	6.16	9.24	1	0	1870	-	0	6269	-	3.35	V
					604.93	9.24	3.08	12.32	1	0	-2863	-	0	-9308	-	3.25	V
183	334	Piano 3	29-33	5	0.00	10.24	4.21	14.45	1	0	-1005	-	-1	-10278	-	10.23	V
					149.05	3.08	8.23	11.31	1	0	1058	-	0	8312	-	7.85	V
					298.09	10.24	4.21	14.45	1	0	-1285	-	-1	-10278	-	8.00	V
184	335	Piano 3	30-31	5</													

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					93.01	3.08	6.16	9.24	1	0	-261	-	0	-3222	-	12.36	V
					248.03	9.24	3.08	12.32	1	0	-687	-	0	-9308	-	13.55	V
185	336	Piano 3	30-34	5	0.00	10.24	4.21	14.45	1	0	-1146	-	-1	-10278	-	8.97	V
					151.44	3.08	8.23	11.31	1	0	1408	-	0	8312	-	5.91	V
					302.88	10.24	4.21	14.45	1	0	-1766	-	-1	-10278	-	5.82	V
186	337	Piano 3	31-32	5	0.00	9.24	3.08	12.32	1	0	-890	-	0	-9308	-	10.46	V
					189.08	3.08	6.16	9.24	1	0	423	-	0	6269	-	14.82	V
					226.89	9.24	3.08	12.32	1	0	394	-	0	3223	-	8.18	V
187	338	Piano 3	31-35	5	53.39	6.22	8.23	14.45	1	0	605	-	0	8307	-	13.73	V
					106.79	3.08	8.23	11.31	1	0	789	-	0	8312	-	10.54	V
					160.18	10.24	4.21	14.45	1	0	441	-	-3	4350	-	9.86	V
188	339	Piano 3	36-32	5	0.00	9.11	7.10	16.21	1	0	-1364	-	0	-9171	-	6.72	V
					186.61	3.08	7.10	10.18	1	0	676	-	0	7193	-	10.64	V
					223.93	9.11	7.10	16.21	1	0	531	-	-2	7190	-	13.55	V
189	340	Piano 3	33-34	6	0.00	13.38	4.62	18.00	1	0	-1050	-	0	-3695	-	3.52	V
					302.47	3.08	8.64	11.72	1	0	793	-	-1	2505	-	3.16	V
					604.94	13.38	4.62	18.00	1	0	-1344	-	0	-3695	-	2.75	V
190	341	Piano 3	33-39	5	0.00	10.24	4.21	14.45	1	0	-2203	-	-1	-10278	-	4.67	V
					187.01	3.08	8.23	11.31	1	0	1871	-	0	8312	-	4.44	V
					280.52	10.24	4.21	14.45	1	0	1325	-	-3	4350	-	3.28	V
191	342	Piano 3	34-35	6	62.18	9.36	5.09	14.45	1	0	103	-	0	1599	-	15.56	V
					93.27	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.11	V
					248.72	9.36	5.09	14.45	1	0	-297	-	0	-2663	-	8.97	V
192	343	Piano 3	34-40	5	0.00	10.24	4.21	14.45	1	0	-2390	-	-1	-10278	-	4.30	V
					184.62	3.08	8.23	11.31	1	0	2145	-	0	8312	-	3.87	V
					276.94	10.24	4.21	14.45	1	0	1179	-	-3	4350	-	3.69	V
193	344	Piano 3	35-36	5	0.00	9.24	3.08	12.32	1	0	-841	-	0	-9308	-	11.07	V
					189.08	3.08	6.16	9.24	1	0	388	-	0	6269	-	16.18	V
					226.89	9.24	3.08	12.32	1	0	336	-	0	3223	-	9.58	V
194	345	Piano 3	35-37	5	55.39	6.22	8.23	14.45	1	0	602	-	0	8307	-	13.79	V
					110.78	3.08	8.23	11.31	1	0	1022	-	0	8312	-	8.14	V
					166.17	10.24	4.21	14.45	1	0	871	-	-3	4350	-	5.00	V
195	346	Piano 3	38-36	5	55.39	4.62	7.10	11.72	1	0	477	-	1	7192	-	15.08	V
					83.09	4.62	7.10	11.72	1	0	545	-	1	7192	-	13.19	V
					221.56	9.24	7.10	16.34	1	0	-635	-	0	-9306	-	14.67	V
196	347	Piano 3	37-38	5	75.63	9.24	3.08	12.32	1	0	271	-	0	3223	-	11.88	V
					151.26	3.08	6.16	9.24	1	0	463	-	0	6269	-	13.53	V
					226.89	9.24	3.08	12.32	1	0	266	-	0	3223	-	12.11	V
197	348	Piano 3	37-41	5	14.00	10.24	4.21	14.45	1	0	244	-	-3	4350	-	17.86	V
					41.99	3.08	8.23	11.31	1	0	211	-	0	8312	-	39.34	V
					111.98	10.24	4.21	14.45	1	0	-507	-	-1	-10278	-	20.28	V
198	349	Piano 3	42-38	5	0.00	9.24	7.10	16.34	1	0	-504	-	0	-9306	-	18.46	V
					69.99	4.62	7.10	11.72	1	0	135	-	1	7192	-	53.25	V
					97.98	9.24	7.10	16.34	1	0	209	-	2	7190	-	34.38	V
199	350	Piano 3	39-40	5	76.07	9.24	3.08	12.32	1	0	897	-	0	3223	-	3.59	V
					228.20	3.08	6.16	9.24	1	0	1811	-	0	6269	-	3.46	V
					608.52	9.24	3.08	12.32	1	0	-2789	-	0	-9308	-	3.34	V
200	351	Piano 3	40-41	5	0.00	9.24	3.08	12.32	1	0	-514	-	0	-9308	-	18.12	V
					152.77	3.08	6.16	9.24	1	0	-225	-	0	-3222	-	14.29	V
					244.44	9.24	3.08	12.32	1	0	-814	-	0	-9308	-	11.43	V
201	352	Piano 3	41-42	5	0.00	9.24	3.08	12.32	1	0	-696	-	0	-9308	-	13.37	V
					189.08	3.08	6.16	9.24	1	0	349	-	0	6269	-	17.95	V
					226.89	9.24	3.08	12.32	1	0	267	-	0	3223	-	12.09	V
202	395	Piano 4	25-26	6	0.00	13.38	4.62	18.00	1	0	-920	-	0	-3695	-	4.02	V
					318.53	3.08	8.64	11.72	1	0	746	-	-1	2505	-	3.36	V
					637.07	13.38	4.62	18.00	1	0	-1201	-	0	-3695	-	3.08	V
203	396	Piano 4	25-29	5	78.52	6.22	8.23	14.45	1	0	792	-	0	8307	-	10.48	V
					157.04	3.08	8.23	11.31	1	0	1328	-	0	8312	-	6.26	V
					235.56	10.24	4.21	14.45	1	0	770	-	-3	4350	-	5.65	V
204	397	Piano 4	26-27	6	0.00	9.36	5.09	14.45	1	0	-369	-	0	-2663	-	7.21	V
					160.89	9.36	5.09	14.45	1	0	76	-	0	1599	-	20.93	V
					257.42	9.36	5.09	14.45	1	0	-105	-	0	-2663	-	25.34	V
205	398	Piano 4	26-30	5	0.00	10.24	4.21	14.45	1	0	-1645	-	-1	-10278	-	6.25	V
					156.53	3.08	8.23	11.31	1	0	1699	-	0	8312	-	4.89	V
					234.80	10.24	4.21	14.45	1	0	1307	-	-3	4350	-	3.33	V
206	399	Piano 4	28-27	5	38.92	9.24	3.08	12.32	1	0	877	-	0	3223	-	3.68	V
					116.77	3.08	6.16	9.24	1	0	738	-	0	6269	-	8.49	V
					311.38	9.24	3.08	12.32	1	0	-1299	-	0	-9308	-	7.16	V
207	400	Piano 4	27-31	5	0.00	10.24	4.21	14.45	1	0	-949	-	-1	-10278	-	10.83	V
					156.53	3.08	8.23	11.31	1	0	1317	-	0	8312	-	6.31	V
					234.80	10.24	4.21	14.45	1	0	927	-	-3	4350	-	4.69	V
208	401	Piano 4	32-28	5	0.00	13.38	3.08	16.46	1	0	-1287	-	0	-13234	-	10.28	V
					195.47	3.08	7.10	10.18	1	0	1088	-	0	7193	-	6.61	V
					234.56	16.52	3.08	19.60	1	0	1008	-	2	3237	-	3.21	V
209	402	Piano 4	29-30	5	78.60	9.24	3.08	12.32	1	0	1086	-	0	3223	-	2.97	V
					235.80	3.08	6.16	9.24	1	0	1961	-	0	6269	-	3.20	V
					628.81	9.24	3.08	12.32	1	0	-2507	-	0	-9308	-	3.71	V
210	403	Piano 4	29-33	5	0.00	10.24	4.21	14.45	1	0	-797	-	-1	-10278	-	12.89	V
					149.05	3.08	8.23	11.31	1	0	931	-	0	8312	-	8.93	V
					298.09	10.24	4.21	14.45	1	0	-1292	-	-1	-10278	-	7.95	V
211	404	Piano 4	30-31	5	0.00	9.24	3.08	12.32	1	0	-1359	-	0	-9308	-	6.85	V
					96.53	3.08	6.16	9.24	1	0	-592	-	0	-3222	-	5.45	V
					257.42	9.24	3.08	12.32	1	0	-590	-	0	-9308	-	15.77	V
212	405	Piano 4	30-34	5	0.00	10.24	4.21	14.45	1	0	-960	-	-1	-10278	-	10.71	V
					151.44	3.08	8.23	11.31	1	0	1209	-	0	8312	-	6.88	V
					302.88	10.24	4.21	14.45	1	0	-1718	-	-1	-10278	-	5.98	V
213	406	Piano 4	31-32	5	0.00	9.24	3.08	12.32	1	0	-804	-	0	-9308	-	11.58	V
					196.51	3.08	6.16	9.24	1	0	527	-	0	6269	-	11.90	V
					235.82	9.24	3.08	12.32	1	0	508	-	0	3223	-	6.35	V
214	407	Piano 4	31-35	5	53.39	6.22	8.23	14.45	1	0	498	-	0	8307	-	16.69	V
					106.79	3.08	8.23	11.31	1	0	650	-	0	8312	-	12.78	V
					160.18	10.24	4.21	14.45	1	0	325	-	-3	4350	-	13.38	V
215	408	Piano 4	36-32	5	0.00	9.11	7.10	16.21	1	0	-950	-	0	-9171	-	9.65	V
					149.29	3.08	7.10	10.18	1	0	580	-	0	7193	-	12.39	V
					298.57	9.11	7.10	16.21	1	0	-584	-					

Relazione di calcolo

Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
 Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
 Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Aree ferro:

A_{Staffe} : valore dell'area delle staffe della sezione;
 A_{Sag} : valore dell'area dei sagomati della sezione;

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;

Tagli Resistenti:

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

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;

Tabella 78.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro		cot 0XY [°]	cot 0XZ [°]	Tagli Sollecitanti		Tagli Resistenti						Esito	
						A _{Staffe} [cm ²]	A _{Sag} [cm ²]			V _{sdy} [daN]	V _{sdz} [daN]	V _{rdy} [daN]	V _{rdz} [daN]	N _{br}	D _{Staffe} [cm]	L _{Tr} [cm]	S _{XY}		S _{XZ}
1	68	Piano 1	1-2	5	Ini	1.01	0.00	2.50	2.50	7	4044	6091	9475	2	25.0	605	926.70	2.34	V
2	69	Piano 1	1-4	5	Ini	1.01	0.00	2.50	2.50	3	5744	6108	9492	2	25.0	364	1929.9 1	1.65	V
3	70	Piano 1	2-3	5	Ini	1.01	0.00	2.50	2.50	40	3129	6091	9475	2	25.0	248	153.48	3.03	V
4	71	Piano 1	2-5	5	Ini	1.01	0.00	2.50	2.50	8	6118	6108	9492	2	25.0	364	764.50	1.55	V
5	72	Piano 1	3-6	5	Ini	1.01	0.00	2.50	2.50	13	3762	6108	9492	2	25.0	364	482.63	2.52	V
6	73	Piano 1	4-5	6	Ini	1.01	0.00	2.50	2.50	5	1351	9475	2876	2	25.0	605	1840.7 1	2.13	V
7	74	Piano 1	4-7	5	Ini	1.01	0.00	2.50	2.50	3	4378	6108	9492	2	25.0	293	2292.6 4	2.17	V
8	75	Piano 1	5-6	6	Ini	1.01	0.00	2.50	2.50	50	741	9475	2876	2	25.0	249	188.46	3.88	V
9	76	Piano 1	5-8	5	Ini	1.01	0.00	2.50	2.50	12	4718	6108	9492	2	25.0	293	498.08	2.01	V
10	77	Piano 1	6-9	5	Ini	1.01	0.00	2.50	2.50	14	2971	6108	9492	2	25.0	293	422.38	3.19	V
11	78	Piano 1	7-8	6	Ini	1.01	0.00	2.50	2.50	0	1351	9475	2876	2	25.0	605	-	2.13	V
12	79	Piano 1	7-10	5	Ini	1.01	0.00	2.50	2.50	26	4225	6108	9492	2	25.0	293	233.02	2.25	V
13	80	Piano 1	8-9	6	Ini	1.01	0.00	2.50	2.50	47	741	9475	2876	2	25.0	248	202.79	3.88	V
14	81	Piano 1	8-11	5	Ini	1.01	0.00	2.50	2.50	11	4800	6108	9492	2	25.0	293	560.58	1.98	V
15	82	Piano 1	9-12	5	Ini	1.01	0.00	2.50	2.50	7	2755	6108	9492	2	25.0	293	836.13	3.44	V
16	83	Piano 1	10-11	5	Ini	1.01	0.00	2.50	2.50	2	2537	6091	9475	2	25.0	605	3136.3 5	3.73	V
17	84	Piano 1	10-13	5	Ini	1.01	0.00	2.50	2.50	16	4117	6108	9492	2	25.0	293	388.63	2.31	V
18	85	Piano 1	11-12	5	Ini	1.01	0.00	2.50	2.50	46	2242	6091	9475	2	25.0	248	133.53	4.23	V
19	86	Piano 1	11-14	5	Ini	1.01	0.00	2.50	2.50	10	4513	6108	9492	2	25.0	293	621.30	2.10	V
20	87	Piano 1	12-15	5	Ini	1.01	0.00	2.50	2.50	16	2838	6108	9492	2	25.0	293	390.80	3.34	V
21	88	Piano 1	13-14	6	Ini	1.01	0.00	2.50	2.50	4	1352	9475	2876	2	25.0	605	2174.2 4	2.13	V
22	89	Piano 1	13-16	5	Ini	1.01	0.00	2.50	2.50	9	4275	6108	9492	2	25.0	303	648.28	2.22	V
23	90	Piano 1	14-15	6	Ini	1.01	0.00	2.50	2.50	51	734	9475	2876	2	25.0	248	184.84	3.92	V
24	91	Piano 1	14-17	5	Ini	1.01	0.00	2.50	2.50	12	4589	6108	9492	2	25.0	303	522.68	2.07	V
25	92	Piano 1	15-18	5	Ini	1.01	0.00	2.50	2.50	12	2882	6108	9492	2	25.0	303	512.96	3.29	V
26	93	Piano 1	16-17	6	Ini	1.01	0.00	2.50	2.50	1	1355	9475	2876	2	25.0	605	9095.4 8	2.12	V
27	94	Piano 1	16-19	5	Ini	1.01	0.00	2.50	2.50	10	4331	6108	9492	2	25.0	303	641.97	2.19	V
28	95	Piano 1	17-18	6	Ini	1.01	0.00	2.50	2.50	55	754	9475	2876	2	25.0	248	171.40	3.82	V
29	96	Piano 1	17-20	5	Ini	1.01	0.00	2.50	2.50	20	4679	6108	9492	2	25.0	303	303.58	2.03	V
30	97	Piano 1	18-21	5	Ini	1.01	0.00	2.50	2.50	18	2977	6108	9492	2	25.0	303	334.39	3.19	V
31	98	Piano 1	19-20	6	Ini	1.01	0.00	2.50	2.50	5	1358	9475	2876	2	25.0	605	2089.4 8	2.12	V
32	99	Piano 1	19-22	5	Ini	1.01	0.00	2.50	2.50	13	4332	6108	9492	2	25.0	293	480.66	2.19	V
33	100	Piano 1	20-21	6	Ini	1.01	0.00	2.50	2.50	67	759	9475	2876	2	25.0	248	140.47	3.79	V
34	101	Piano 1	20-23	5	Ini	1.01	0.00	2.50	2.50	28	4706	6108	9492	2	25.0	293	215.54	2.02	V

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35	102	Piano 1	21-24	5	Ini	1.01	0.00	2.50	2.50	23	3006	6108	9492	2	25.0	283	262.01	3.16	V
36	103	Piano 1	22-23	6	Ini	1.01	0.00	2.50	2.50	14	1366	9475	2876	2	25.0	607	692.31	2.11	V
37	104	Piano 1	22-25	5	Ini	1.01	0.00	2.50	2.50	62	4674	6108	9492	2	25.0	293	98.50	2.03	V
38	105	Piano 1	23-24	6	Ini	1.01	0.00	2.50	2.50	110	753	9475	2876	2	25.0	246	86.52	3.82	V
39	106	Piano 1	23-26	5	Ini	1.01	0.00	2.50	2.50	94	5160	6108	9492	2	25.0	293	65.27	1.84	V
40	107	Piano 1	24-27	5	Ini	1.01	0.00	2.50	2.50	83	3480	6108	9492	2	25.0	302	73.30	2.73	V
41	108	Piano 1	25-26	6	Ini	1.01	0.00	2.50	2.50	1	1364	9475	2876	2	25.0	605	6719.74	2.11	V
42	109	Piano 1	25-29	5	Ini	1.01	0.00	2.50	2.50	24	4859	6108	9492	2	25.0	303	252.77	1.95	V
43	110	Piano 1	26-27	6	Ini	1.01	0.00	2.50	2.50	37	626	9475	2876	2	25.0	248	256.73	4.60	V
44	111	Piano 1	26-30	5	Ini	1.01	0.00	2.50	2.50	75	5417	6108	9492	2	25.0	303	81.43	1.75	V
45	112	Piano 1	28-27	5	Ini	1.01	0.00	2.50	2.50	90	3418	6091	9475	2	25.0	299	67.42	2.77	V
46	113	Piano 1	27-31	5	Ini	1.01	0.00	2.50	2.50	109	3593	6108	9492	2	25.0	303	55.79	2.64	V
47	114	Piano 1	32-28	5	Ini	1.01	0.00	2.50	2.50	66	4051	6091	9475	2	25.0	313	92.97	2.34	V
48	115	Piano 1	29-30	5	Ini	1.01	0.00	2.50	2.50	23	2596	6091	9475	2	25.0	605	259.65	3.65	V
49	116	Piano 1	29-33	5	Ini	1.01	0.00	2.50	2.50	36	4020	6108	9492	2	25.0	288	170.49	2.36	V
50	117	Piano 1	30-31	5	Ini	1.01	0.00	2.50	2.50	45	1597	6091	9475	2	25.0	248	135.29	5.93	V
51	118	Piano 1	30-34	5	Ini	1.01	0.00	2.50	2.50	31	4333	6108	9492	2	25.0	293	196.94	2.19	V
52	119	Piano 1	31-32	5	Ini	1.01	0.00	2.50	2.50	106	1407	6091	9475	2	25.0	303	57.50	6.73	V
53	120	Piano 1	31-35	5	Ini	1.01	0.00	2.50	2.50	50	3121	6108	9492	2	25.0	204	121.66	3.04	V
54	121	Piano 1	36-32	5	Ini	1.01	0.00	2.50	2.50	37	2936	6091	9475	2	25.0	279	163.58	3.23	V
55	122	Piano 1	33-34	6	Ini	1.01	0.00	2.50	2.50	16	1356	9475	2876	2	25.0	605	585.94	2.12	V
56	123	Piano 1	33-39	5	Ini	1.01	0.00	2.50	2.50	13	5804	6108	9492	2	25.0	354	459.64	1.64	V
57	124	Piano 1	34-35	6	Ini	1.01	0.00	2.50	2.50	4	634	9475	2876	2	25.0	249	2278.65	4.54	V
58	125	Piano 1	34-40	5	Ini	1.01	0.00	2.50	2.50	4	5973	6108	9492	2	25.0	349	1393.49	1.59	V
59	126	Piano 1	35-36	5	Ini	1.01	0.00	2.50	2.50	49	2147	6091	9475	2	25.0	303	125.12	4.41	V
60	127	Piano 1	35-37	5	Ini	1.01	0.00	2.50	2.50	25	1700	6108	9492	2	25.0	222	241.11	5.58	V
61	128	Piano 1	38-36	5	Ini	1.01	0.00	2.50	2.50	9	1517	6091	9475	2	25.0	222	708.92	6.25	V
62	129	Piano 1	37-38	5	Ini	1.01	0.00	2.50	2.50	42	1992	6091	9475	2	25.0	303	145.64	4.76	V
63	130	Piano 1	37-41	5	Ini	1.01	0.00	2.50	2.50	134	2267	6108	9492	2	25.0	102	45.60	4.19	V
64	131	Piano 1	42-38	5	Ini	1.01	0.00	2.50	2.50	91	2466	6091	9475	2	25.0	102	66.77	3.84	V
65	132	Piano 1	39-40	5	Ini	1.01	0.00	2.50	2.50	3	4109	6091	9475	2	25.0	609	2289.88	2.31	V
66	133	Piano 1	40-41	5	Ini	1.01	0.00	2.50	2.50	8	2065	6091	9475	2	25.0	244	791.47	4.59	V
67	134	Piano 1	41-42	5	Ini	1.01	0.00	2.50	2.50	47	1946	6091	9475	2	25.0	303	129.63	4.87	V
68	177	Piano 2	1-2	5	Ini	1.01	0.00	2.50	2.50	7	3866	6091	9475	2	25.0	605	813.14	2.45	V
69	178	Piano 2	1-4	5	Ini	1.01	0.00	2.50	2.50	15	5853	6108	9492	2	25.0	374	395.53	1.62	V
70	179	Piano 2	2-3	5	Ini	1.01	0.00	2.50	2.50	8	2248	6091	9475	2	25.0	248	731.07	4.21	V
71	180	Piano 2	2-5	5	Ini	1.01	0.00	2.50	2.50	18	6287	6108	9492	2	25.0	374	344.09	1.51	V
72	181	Piano 2	3-6	5	Ini	1.01	0.00	2.50	2.50	13	3827	6108	9492	2	25.0	374	460.07	2.48	V
73	182	Piano 2	4-5	6	Ini	1.01	0.00	2.50	2.50	7	1343	9475	2876	2	25.0	605	1421.55	2.14	V
74	183	Piano 2	4-7	5	Ini	1.01	0.00	2.50	2.50	1	4318	6108	9492	2	25.0	303	4570.94	2.20	V
75	184	Piano 2	5-6	6	Ini	1.01	0.00	2.50	2.50	5	589	9475	2876	2	25.0	249	1869.68	4.88	V
76	185	Piano 2	5-8	5	Ini	1.01	0.00	2.50	2.50	3	4616	6108	9492	2	25.0	303	2412.79	2.06	V
77	186	Piano 2	6-9	5	Ini	1.01	0.00	2.50	2.50	4	2796	6108	9492	2	25.0	303	1414.61	3.40	V
78	187	Piano 2	7-8	6	Ini	1.01	0.00	2.50	2.50	2	1343	9475	2876	2	25.0	605	5890.17	2.14	V
79	188	Piano 2	7-10	5	Ini	1.01	0.00	2.50	2.50	13	4271	6108	9492	2	25.0	303	466.12	2.22	V
80	189	Piano 2	8-9	6	Ini	1.01	0.00	2.50	2.50	27	592	9475	2876	2	25.0	248	350.45	4.86	V
81	190	Piano 2	8-11	5	Ini	1.01	0.00	2.50	2.50	24	4743	6108	9492	2	25.0	303	252.77	2.00	V
82	191	Piano 2	9-12	5	Ini	1.01	0.00	2.50	2.50	24	2862	6108	9492	2	25.0	303	259.26	3.32	V
83	192	Piano 2	10-11	5	Ini	1.01	0.00	2.50	2.50	3	2361	6091	9475	2	25.0	605	2009.07	4.01	V
84	193	Piano 2	10-13	5	Ini	1.01	0.00	2.50	2.50	6	4398	6108	9492	2	25.0	303	1023.04	2.16	V
85	194	Piano 2	11-12	5	Ini	1.01	0.00	2.50	2.50	28	1269	6091	9475	2	25.0	248	218.41	7.47	V
86	195	Piano 2	11-14	5	Ini	1.01	0.00	2.50	2.50	3	4929	6108	9492	2	25.0	303	2336.58	1.93	V
87	196	Piano 2	12-15	5	Ini	1.01	0.00	2.50	2.50	1	2784	6108	9492	2	25.0	303	-	3.41	V
88	197	Piano 2	13-	6	Ini	1.01	0.00	2.50	2.50	4	1345	9475	2876	2	25.0	605	2121.9	2.14	V

89	198	Piano 2	14 13-16	5	Ini	1.01	0.00	2.50	2.50	7	4469	6108	9492	2	25.0	313	5 829.63	2.12	V
90	199	Piano 2	14-15	6	Ini	1.01	0.00	2.50	2.50	31	580	9475	2876	2	25.0	248	306.00	4.96	V
91	200	Piano 2	14-17	5	Ini	1.01	0.00	2.50	2.50	23	4811	6108	9492	2	25.0	313	270.67	1.97	V
92	201	Piano 2	15-18	5	Ini	1.01	0.00	2.50	2.50	18	2895	6108	9492	2	25.0	313	340.41	3.28	V
93	202	Piano 2	16-17	6	Ini	1.01	0.00	2.50	2.50	11	1349	9475	2876	2	25.0	605	847.26	2.13	V
94	203	Piano 2	16-19	5	Ini	1.01	0.00	2.50	2.50	15	4410	6108	9492	2	25.0	313	420.83	2.15	V
95	204	Piano 2	17-18	6	Ini	1.01	0.00	2.50	2.50	58	582	9475	2876	2	25.0	248	162.86	4.94	V
96	205	Piano 2	17-20	5	Ini	1.01	0.00	2.50	2.50	37	4733	6108	9492	2	25.0	313	163.75	2.01	V
97	206	Piano 2	18-21	5	Ini	1.01	0.00	2.50	2.50	28	2893	6108	9492	2	25.0	313	215.81	3.28	V
98	207	Piano 2	19-20	6	Ini	1.01	0.00	2.50	2.50	16	1352	9475	2876	2	25.0	605	605.21	2.13	V
99	208	Piano 2	19-22	5	Ini	1.01	0.00	2.50	2.50	19	4270	6108	9492	2	25.0	303	326.65	2.22	V
100	209	Piano 2	20-21	6	Ini	1.01	0.00	2.50	2.50	80	584	9475	2876	2	25.0	248	118.11	4.93	V
101	210	Piano 2	20-23	5	Ini	1.01	0.00	2.50	2.50	49	4630	6108	9492	2	25.0	303	125.23	2.05	V
102	211	Piano 2	21-24	5	Ini	1.01	0.00	2.50	2.50	41	2874	6108	9492	2	25.0	293	149.28	3.30	V
103	212	Piano 2	22-23	6	Ini	1.01	0.00	2.50	2.50	17	1356	9475	2876	2	25.0	607	557.34	2.12	V
104	213	Piano 2	22-25	5	Ini	1.01	0.00	2.50	2.50	28	4723	6108	9492	2	25.0	303	214.35	2.01	V
105	214	Piano 2	23-24	6	Ini	1.01	0.00	2.50	2.50	92	591	9475	2876	2	25.0	246	103.34	4.86	V
106	215	Piano 2	23-26	5	Ini	1.01	0.00	2.50	2.50	53	5173	6108	9492	2	25.0	303	115.66	1.83	V
107	216	Piano 2	24-27	5	Ini	1.01	0.00	2.50	2.50	42	3589	6108	9492	2	25.0	312	145.89	2.64	V
108	217	Piano 2	25-26	6	Ini	1.01	0.00	2.50	2.50	4	1343	9475	2876	2	25.0	605	2259.06	2.14	V
109	218	Piano 2	25-29	5	Ini	1.01	0.00	2.50	2.50	25	4890	6108	9492	2	25.0	313	240.40	1.94	V
110	219	Piano 2	26-27	6	Ini	1.01	0.00	2.50	2.50	20	567	9475	2876	2	25.0	248	478.62	5.07	V
111	220	Piano 2	26-30	5	Ini	1.01	0.00	2.50	2.50	46	5399	6108	9492	2	25.0	313	131.81	1.76	V
112	221	Piano 2	28-27	5	Ini	1.01	0.00	2.50	2.50	46	2797	6091	9475	2	25.0	299	131.10	3.39	V
113	222	Piano 2	27-31	5	Ini	1.01	0.00	2.50	2.50	59	3541	6108	9492	2	25.0	313	103.23	2.68	V
114	223	Piano 2	32-28	5	Ini	1.01	0.00	2.50	2.50	27	4070	6091	9475	2	25.0	313	222.32	2.33	V
115	224	Piano 2	29-30	5	Ini	1.01	0.00	2.50	2.50	27	2361	6091	9475	2	25.0	605	229.45	4.01	V
116	225	Piano 2	29-33	5	Ini	1.01	0.00	2.50	2.50	40	4156	6108	9492	2	25.0	298	153.11	2.28	V
117	226	Piano 2	30-31	5	Ini	1.01	0.00	2.50	2.50	60	846	6091	9475	2	25.0	248	100.73	11.20	V
118	227	Piano 2	30-34	5	Ini	1.01	0.00	2.50	2.50	59	4590	6108	9492	2	25.0	303	103.19	2.07	V
119	228	Piano 2	31-32	5	Ini	1.01	0.00	2.50	2.50	93	1229	6091	9475	2	25.0	303	65.74	7.71	V
120	229	Piano 2	31-35	5	Ini	1.01	0.00	2.50	2.50	96	2612	6108	9492	2	25.0	214	63.68	3.63	V
121	230	Piano 2	36-32	5	Ini	1.01	0.00	2.50	2.50	57	3056	6091	9475	2	25.0	289	107.78	3.10	V
122	231	Piano 2	33-34	6	Ini	1.01	0.00	2.50	2.50	20	1340	9475	2876	2	25.0	605	469.42	2.15	V
123	232	Piano 2	33-39	5	Ini	1.01	0.00	2.50	2.50	4	5575	6108	9492	2	25.0	374	1423.19	1.70	V
124	233	Piano 2	34-35	6	Ini	1.01	0.00	2.50	2.50	27	609	9475	2876	2	25.0	249	347.73	4.73	V
125	234	Piano 2	34-40	5	Ini	1.01	0.00	2.50	2.50	3	5809	6108	9492	2	25.0	359	2147.98	1.63	V
126	235	Piano 2	35-36	5	Ini	1.01	0.00	2.50	2.50	77	2012	6091	9475	2	25.0	303	79.12	4.71	V
127	236	Piano 2	35-37	5	Ini	1.01	0.00	2.50	2.50	19	1657	6108	9492	2	25.0	222	316.25	5.73	V
128	237	Piano 2	38-36	5	Ini	1.01	0.00	2.50	2.50	32	1604	6091	9475	2	25.0	222	189.75	5.91	V
129	238	Piano 2	37-38	5	Ini	1.01	0.00	2.50	2.50	44	2075	6091	9475	2	25.0	303	137.29	4.57	V
130	239	Piano 2	37-41	5	Ini	1.01	0.00	2.50	2.50	35	1418	6108	9492	2	25.0	112	176.25	6.70	V
131	240	Piano 2	42-38	5	Ini	1.01	0.00	2.50	2.50	41	1393	6091	9475	2	25.0	112	149.80	6.80	V
132	241	Piano 2	39-40	5	Ini	1.01	0.00	2.50	2.50	5	3894	6091	9475	2	25.0	609	1199.90	2.43	V
133	242	Piano 2	40-41	5	Ini	1.01	0.00	2.50	2.50	27	1440	6091	9475	2	25.0	244	223.94	6.58	V
134	243	Piano 2	41-42	5	Ini	1.01	0.00	2.50	2.50	33	1783	6091	9475	2	25.0	303	183.49	5.31	V
135	286	Piano 3	1-2	5	Ini	1.01	0.00	2.50	2.50	1	2378	6091	9475	2	25.0	605	5614.62	3.98	V
136	287	Piano 3	1-4	5	Ini	1.01	0.00	2.50	2.50	6	3834	6108	9492	2	25.0	374	1007.03	2.48	V
137	288	Piano 3	2-3	5	Ini	1.01	0.00	2.50	2.50	13	1517	6091	9475	2	25.0	248	455.12	6.24	V

Relazione di calcolo

138	289	Piano 3	2-5	5	Ini	1.01	0.00	2.50	2.50	2	4805	6108	9492	2	25.0	374	3905.2 1	1.98	V
139	290	Piano 3	3-6	5	Ini	1.01	0.00	2.50	2.50	2	2396	6108	9492	2	25.0	374	2881.6 8	3.96	V
140	291	Piano 3	4-5	6	Ini	1.01	0.00	2.50	2.50	0	1346	9475	2876	2	25.0	605	-	2.14	V
141	292	Piano 3	4-7	5	Ini	1.01	0.00	2.50	2.50	0	2708	6108	9492	2	25.0	303	-	3.50	V
142	293	Piano 3	5-6	6	Ini	1.01	0.00	2.50	2.50	13	650	9475	2876	2	25.0	249	748.36	4.43	V
143	294	Piano 3	5-8	5	Ini	1.01	0.00	2.50	2.50	5	3439	6108	9492	2	25.0	303	1295.9 4	2.76	V
144	295	Piano 3	6-9	5	Ini	1.01	0.00	2.50	2.50	4	1712	6108	9492	2	25.0	303	1491.3 2	5.54	V
145	296	Piano 3	7-8	6	Ini	1.01	0.00	2.50	2.50	1	1347	9475	2876	2	25.0	605	7482.0 1	2.14	V
146	297	Piano 3	7-10	5	Ini	1.01	0.00	2.50	2.50	15	2700	6108	9492	2	25.0	303	411.49	3.52	V
147	298	Piano 3	8-9	6	Ini	1.01	0.00	2.50	2.50	8	654	9475	2876	2	25.0	248	1204.6 8	4.40	V
148	299	Piano 3	8-11	5	Ini	1.01	0.00	2.50	2.50	3	3636	6108	9492	2	25.0	303	1890.1 6	2.61	V
149	300	Piano 3	9-12	5	Ini	1.01	0.00	2.50	2.50	4	1753	6108	9492	2	25.0	303	1428.3 9	5.41	V
150	301	Piano 3	10-11	5	Ini	1.01	0.00	2.50	2.50	8	2407	6091	9475	2	25.0	605	740.44	3.94	V
151	302	Piano 3	10-13	5	Ini	1.01	0.00	2.50	2.50	35	2826	6108	9492	2	25.0	303	175.15	3.36	V
152	303	Piano 3	11-12	5	Ini	1.01	0.00	2.50	2.50	31	1510	6091	9475	2	25.0	248	195.11	6.27	V
153	304	Piano 3	11-14	5	Ini	1.01	0.00	2.50	2.50	45	3743	6108	9492	2	25.0	303	134.75	2.54	V
154	305	Piano 3	12-15	5	Ini	1.01	0.00	2.50	2.50	35	1682	6108	9492	2	25.0	303	173.79	5.64	V
155	306	Piano 3	13-14	6	Ini	1.01	0.00	2.50	2.50	20	1350	9475	2876	2	25.0	605	463.77	2.13	V
156	307	Piano 3	13-16	5	Ini	1.01	0.00	2.50	2.50	23	2856	6108	9492	2	25.0	313	264.18	3.32	V
157	308	Piano 3	14-15	6	Ini	1.01	0.00	2.50	2.50	80	642	9475	2876	2	25.0	248	117.97	4.48	V
158	309	Piano 3	14-17	5	Ini	1.01	0.00	2.50	2.50	55	3579	6108	9492	2	25.0	313	111.18	2.65	V
159	310	Piano 3	15-18	5	Ini	1.01	0.00	2.50	2.50	42	1775	6108	9492	2	25.0	313	144.78	5.35	V
160	311	Piano 3	16-17	6	Ini	1.01	0.00	2.50	2.50	23	1356	9475	2876	2	25.0	605	419.93	2.12	V
161	312	Piano 3	16-19	5	Ini	1.01	0.00	2.50	2.50	28	2834	6108	9492	2	25.0	313	219.76	3.35	V
162	313	Piano 3	17-18	6	Ini	1.01	0.00	2.50	2.50	99	650	9475	2876	2	25.0	248	95.78	4.42	V
163	314	Piano 3	17-20	5	Ini	1.01	0.00	2.50	2.50	61	3549	6108	9492	2	25.0	313	100.39	2.67	V
164	315	Piano 3	18-21	5	Ini	1.01	0.00	2.50	2.50	46	1746	6108	9492	2	25.0	313	133.22	5.44	V
165	316	Piano 3	19-20	6	Ini	1.01	0.00	2.50	2.50	23	1359	9475	2876	2	25.0	605	406.77	2.12	V
166	317	Piano 3	19-22	5	Ini	1.01	0.00	2.50	2.50	25	2701	6108	9492	2	25.0	303	246.18	3.51	V
167	318	Piano 3	20-21	6	Ini	1.01	0.00	2.50	2.50	109	651	9475	2876	2	25.0	248	86.71	4.42	V
168	319	Piano 3	20-23	5	Ini	1.01	0.00	2.50	2.50	65	3404	6108	9492	2	25.0	303	94.59	2.79	V
169	320	Piano 3	21-24	5	Ini	1.01	0.00	2.50	2.50	56	1630	6108	9492	2	25.0	293	109.28	5.82	V
170	321	Piano 3	22-23	6	Ini	1.01	0.00	2.50	2.50	19	1367	9475	2876	2	25.0	607	487.65	2.10	V
171	322	Piano 3	22-25	5	Ini	1.01	0.00	2.50	2.50	45	2866	6108	9492	2	25.0	303	135.88	3.31	V
172	323	Piano 3	23-24	6	Ini	1.01	0.00	2.50	2.50	88	652	9475	2876	2	25.0	246	107.70	4.41	V
173	324	Piano 3	23-26	5	Ini	1.01	0.00	2.50	2.50	39	4062	6108	9492	2	25.0	303	158.51	2.34	V
174	325	Piano 3	24-27	5	Ini	1.01	0.00	2.50	2.50	26	2468	6108	9492	2	25.0	312	235.48	3.85	V
175	326	Piano 3	25-26	6	Ini	1.01	0.00	2.50	2.50	18	1373	9475	2876	2	25.0	605	524.13	2.10	V
176	327	Piano 3	25-29	5	Ini	1.01	0.00	2.50	2.50	67	3222	6108	9492	2	25.0	313	91.14	2.95	V
177	328	Piano 3	26-27	6	Ini	1.01	0.00	2.50	2.50	7	609	9475	2876	2	25.0	248	1436.9 8	4.72	V
178	329	Piano 3	26-30	5	Ini	1.01	0.00	2.50	2.50	107	4722	6108	9492	2	25.0	313	57.16	2.01	V
179	330	Piano 3	28-27	5	Ini	1.01	0.00	2.50	2.50	52	2018	6091	9475	2	25.0	299	117.71	4.70	V
180	331	Piano 3	27-31	5	Ini	1.01	0.00	2.50	2.50	92	3045	6108	9492	2	25.0	313	66.65	3.12	V
181	332	Piano 3	32-28	5	Ini	1.01	0.00	2.50	2.50	38	2766	6091	9475	2	25.0	313	158.30	3.43	V
182	333	Piano 3	29-30	5	Ini	1.01	0.00	2.50	2.50	39	2537	6091	9475	2	25.0	605	154.67	3.73	V
183	334	Piano 3	29-33	5	Ini	1.01	0.00	2.50	2.50	32	3051	6108	9492	2	25.0	298	188.98	3.11	V
184	335	Piano 3	30-31	5	Ini	1.01	0.00	2.50	2.50	133	885	6091	9475	2	25.0	248	45.76	10.71	V
185	336	Piano 3	30-34	5	Ini	1.01	0.00	2.50	2.50	89	3958	6108	9492	2	25.0	303	68.45	2.40	V
186	337	Piano 3	31-32	5	Ini	1.01	0.00	2.50	2.50	111	1337	6091	9475	2	25.0	303	54.75	7.09	V
187	338	Piano 3	31-35	5	Ini	1.01	0.00	2.50	2.50	149	2146	6108	9492	2	25.0	214	41.08	4.42	V
188	339	Piano 3	36-32	5	Ini	1.01	0.00	2.50	2.50	57	2328	6091	9475	2	25.0	299	107.45	4.07	V

189	340	Piano 3	33-34	6	Ini	1.01	0.00	2.50	2.50	25	1364	9475	2876	2	25.0	605	371.98	2.11	V
190	341	Piano 3	33-39	5	Ini	1.01	0.00	2.50	2.50	12	4004	6108	9492	2	25.0	374	492.15	2.37	V
191	342	Piano 3	34-35	6	Ini	1.01	0.00	2.50	2.50	135	622	9475	2876	2	25.0	249	70.11	4.62	V
192	343	Piano 3	34-40	5	Ini	1.01	0.00	2.50	2.50	50	4792	6108	9492	2	25.0	369	122.49	1.98	V
193	344	Piano 3	35-36	5	Ini	1.01	0.00	2.50	2.50	107	1292	6091	9475	2	25.0	303	56.86	7.33	V
194	345	Piano 3	35-37	5	Ini	1.01	0.00	2.50	2.50	97	2290	6108	9492	2	25.0	222	63.17	4.14	V
195	346	Piano 3	38-36	5	Ini	1.01	0.00	2.50	2.50	103	1769	6091	9475	2	25.0	222	59.08	5.36	V
196	347	Piano 3	37-38	5	Ini	1.01	0.00	2.50	2.50	61	1032	6091	9475	2	25.0	303	99.34	9.18	V
197	348	Piano 3	37-41	5	Ini	1.01	0.00	2.50	2.50	33	1676	6108	9492	2	25.0	112	183.38	5.66	V
198	349	Piano 3	42-38	5	Ini	1.01	0.00	2.50	2.50	61	1376	6091	9475	2	25.0	112	100.05	6.88	V
199	350	Piano 3	39-40	5	Ini	1.01	0.00	2.50	2.50	25	2503	6091	9475	2	25.0	609	241.49	3.79	V
200	351	Piano 3	40-41	5	Ini	1.01	0.00	2.50	2.50	59	954	6091	9475	2	25.0	244	103.22	9.93	V
201	352	Piano 3	41-42	5	Ini	1.01	0.00	2.50	2.50	5	1196	6091	9475	2	25.0	303	1343.70	7.92	V
202	395	Piano 4	25-26	6	Ini	1.01	0.00	2.50	2.50	49	1178	9475	2876	2	25.0	637	193.32	2.44	V
203	396	Piano 4	25-29	5	Ini	1.01	0.00	2.50	2.50	135	2798	6108	9492	2	25.0	314	45.33	3.39	V
204	397	Piano 4	26-27	6	Ini	1.01	0.00	2.50	2.50	212	568	9475	2876	2	25.0	257	44.72	5.07	V
205	398	Piano 4	26-30	5	Ini	1.01	0.00	2.50	2.50	136	3894	6108	9492	2	25.0	313	44.87	2.44	V
206	399	Piano 4	28-27	5	Ini	1.01	0.00	2.50	2.50	87	1639	6091	9475	2	25.0	311	69.96	5.78	V
207	400	Piano 4	27-31	5	Ini	1.01	0.00	2.50	2.50	172	2738	6108	9492	2	25.0	313	35.59	3.47	V
208	401	Piano 4	32-28	5	Ini	1.01	0.00	2.50	2.50	110	2397	6091	9475	2	25.0	313	55.17	3.95	V
209	402	Piano 4	29-30	5	Ini	1.01	0.00	2.50	2.50	37	2347	6091	9475	2	25.0	629	163.93	4.04	V
210	403	Piano 4	29-33	5	Ini	1.01	0.00	2.50	2.50	33	2817	6108	9492	2	25.0	298	187.65	3.37	V
211	404	Piano 4	30-31	5	Ini	1.01	0.00	2.50	2.50	222	1092	6091	9475	2	25.0	257	27.48	8.67	V
212	405	Piano 4	30-34	5	Ini	1.01	0.00	2.50	2.50	94	3590	6108	9492	2	25.0	303	65.24	2.64	V
213	406	Piano 4	31-32	5	Ini	1.01	0.00	2.50	2.50	110	1282	6091	9475	2	25.0	314	55.48	7.39	V
214	407	Piano 4	31-35	5	Ini	1.01	0.00	2.50	2.50	175	1952	6108	9492	2	25.0	214	34.81	4.86	V
215	408	Piano 4	36-32	5	Ini	1.01	0.00	2.50	2.50	21	1928	6091	9475	2	25.0	299	290.80	4.91	V
216	409	Piano 4	33-34	6	Ini	1.01	0.00	2.50	2.50	35	1176	9475	2876	2	25.0	629	271.19	2.45	V
217	410	Piano 4	33-39	5	Ini	1.01	0.00	2.50	2.50	57	3687	6108	9492	2	25.0	374	108.08	2.57	V
218	411	Piano 4	34-35	6	Ini	1.01	0.00	2.50	2.50	233	526	9475	2876	2	25.0	258	40.75	5.47	V
219	412	Piano 4	34-40	5	Ini	1.01	0.00	2.50	2.50	99	4398	6108	9492	2	25.0	369	61.70	2.16	V
220	413	Piano 4	35-36	5	Ini	1.01	0.00	2.50	2.50	116	2033	6091	9475	2	25.0	314	52.34	4.66	V
221	414	Piano 4	35-37	5	Ini	1.01	0.00	2.50	2.50	116	1655	6108	9492	2	25.0	222	52.88	5.73	V
222	415	Piano 4	38-36	5	Ini	1.01	0.00	2.50	2.50	163	1136	6091	9475	2	25.0	222	37.36	8.34	V
223	416	Piano 4	37-38	5	Ini	1.01	0.00	2.50	2.50	175	1676	6091	9475	2	25.0	310	34.89	5.65	V
224	417	Piano 4	37-41	5	Ini	1.01	0.00	2.50	2.50	249	1542	6108	9492	2	25.0	113	24.56	6.16	V
225	418	Piano 4	42-38	5	Ini	1.01	0.00	2.50	2.50	183	1199	6091	9475	2	25.0	112	33.37	7.90	V
226	419	Piano 4	39-40	5	Ini	1.01	0.00	2.50	2.50	1	2317	6091	9475	2	25.0	632	9414.88	4.09	V
227	420	Piano 4	40-41	5	Ini	1.01	0.00	2.50	2.50	68	973	6091	9475	2	25.0	254	89.93	9.74	V
228	421	Piano 4	41-42	5	Ini	1.01	0.00	2.50	2.50	81	1242	6091	9475	2	25.0	314	74.81	7.63	V

4.1.2.3 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.

4.1.2.3.1 Verifiche a Flessione Composta - PGA SLV = 0.0000 g.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;

Relazione di calcolo

Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
 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;
 CC : numero della combinazione di carico;
 Azioni Sollecitanti:
 N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;
 Azioni Resistenti:
 N_{rd} : Sforzo Normale Resistente;
 M_{rdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
 M_{rdXY} : valore del Momento Flettente X-Y resistente di calcolo;

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

Tabella 79.I

Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	A_{sup} [cm ²]	A_{inf} [cm ²]	A_{fl} [cm ²]	CC	Azioni Sollecitanti			Azioni Resistenti			S	Esito
										N_{sd} [daN]	M_{sdXZ} [daNm]	M_{sdXY} [daNm]	N_{rd} [daN]	M_{rdXZ} [daNm]	M_{rdXY} [daNm]		
229	1	Fondazione	1-2	1	75.62	9.42	21.99	31.42	1	0	-7945	-	-1	-16470	-	2.07	V
					226.85	18.85	6.28	25.13	1	0	-15350	-	0	-32477	-	2.12	V
					453.70	9.42	31.42	40.84	1	0	-7491	-	0	-16469	-	2.20	V
230	2	Fondazione	1-4	1	91.04	12.57	9.42	21.99	1	0	-7584	-	0	-21890	-	2.89	V
					182.07	12.57	9.42	21.99	1	0	-8944	-	0	-21890	-	2.45	V
					273.11	12.57	15.71	28.27	1	0	-4991	-	2	-21888	-	4.39	V
231	3	Fondazione	2-3	1	0.00	11.40	13.89	25.29	1	0	9784	-	1	24136	-	2.47	V
					93.01	11.40	13.89	25.29	1	0	1538	-	1	24136	-	15.70	V
					186.02	11.40	13.89	25.29	1	0	-1196	-	-1	-19859	-	16.60	V
232	4	Fondazione	2-5	1	91.03	12.57	9.42	21.99	1	0	-6240	-	0	-21890	-	3.51	V
					182.05	12.57	9.42	21.99	1	0	-7321	-	0	-21890	-	2.99	V
					273.08	12.57	15.71	28.27	1	0	-4177	-	2	-21888	-	5.24	V
233	5	Fondazione	3-6	1	91.04	12.57	9.42	21.99	1	0	-6396	-	0	-21890	-	3.42	V
					136.55	12.57	9.42	21.99	1	0	-7489	-	0	-21890	-	2.92	V
					273.11	12.57	15.71	28.27	1	0	-4056	-	2	-21888	-	5.40	V
234	6	Fondazione	4-5	1	75.61	9.42	21.99	31.42	1	0	-7504	-	-1	-16470	-	2.19	V
					226.84	18.85	6.28	25.13	1	0	-14426	-	0	-32477	-	2.25	V
					453.67	9.42	31.42	40.84	1	0	-7466	-	0	-16469	-	2.21	V
235	7	Fondazione	4-7	1	0.00	9.42	15.71	25.13	1	0	4251	-	0	27304	-	6.42	V
					146.44	9.42	9.42	18.85	1	0	-3083	-	1	-16472	-	5.34	V
					292.88	9.42	12.57	21.99	1	0	3412	-	-1	21890	-	6.41	V
236	8	Fondazione	5-6	1	0.00	11.40	13.89	25.29	1	0	8051	-	1	24136	-	3.00	V
					155.41	11.40	13.89	25.29	1	0	-905	-	-1	-19859	-	21.94	V
					186.49	11.40	13.89	25.29	1	0	-1081	-	-1	-19859	-	18.37	V
237	9	Fondazione	5-8	1	0.00	9.42	15.71	25.13	1	0	3130	-	0	27304	-	8.72	V
					146.46	9.42	9.42	18.85	1	0	-2658	-	1	-16472	-	6.20	V
					292.93	9.42	12.57	21.99	1	0	2423	-	-1	21890	-	9.03	V
238	10	Fondazione	6-9	1	0.00	9.42	15.71	25.13	1	0	3571	-	0	27304	-	7.65	V
					146.44	9.42	9.42	18.85	1	0	-2510	-	1	-16472	-	6.56	V
					292.88	9.42	12.57	21.99	1	0	3143	-	-1	21890	-	6.97	V
239	11	Fondazione	7-8	1	75.62	9.42	21.99	31.42	1	0	-7400	-	-1	-16470	-	2.23	V
					226.85	18.85	6.28	25.13	1	0	-14344	-	0	-32477	-	2.26	V
					453.70	9.42	31.42	40.84	1	0	-7472	-	0	-16469	-	2.20	V
240	12	Fondazione	7-10	1	73.22	9.42	12.57	21.99	1	0	-2253	-	2	-16470	-	7.31	V
					146.44	9.42	9.42	18.85	1	0	-3619	-	1	-16472	-	4.55	V
					292.88	9.42	12.57	21.99	1	0	3934	-	-1	21890	-	5.56	V
241	13	Fondazione	8-9	1	0.00	11.40	13.89	25.29	1	0	7936	-	1	24136	-	3.04	V
					155.02	11.40	13.89	25.29	1	0	-890	-	-1	-19859	-	22.30	V
					186.02	11.40	13.89	25.29	1	0	-1051	-	-1	-19859	-	18.90	V
242	14	Fondazione	8-11	1	73.22	9.42	12.57	21.99	1	0	-2139	-	2	-16470	-	7.70	V
					109.83	9.42	9.42	18.85	1	0	-2783	-	1	-16472	-	5.92	V
					292.88	9.42	12.57	21.99	1	0	4318	-	-1	21890	-	5.07	V
243	15	Fondazione	9-12	1	0.00	9.42	12.57	21.99	1	0	2435	-	-1	21890	-	8.99	V
					146.44	9.42	9.42	18.85	1	0	-3095	-	1	-16472	-	5.32	V

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244	16	Fondazio ne	10-11	1	292.88	9.42	12.57	21.99	1	0	2986	-	-1	21890	-	7.33	V
					75.62	9.42	21.99	31.42	1	0	-7375	-	-1	-16470	-	2.23	V
					226.85	18.85	6.28	25.13	1	0	-14343	-	0	-32477	-	2.26	V
					453.70	9.42	31.42	40.84	1	0	-7117	-	0	-16469	-	2.31	V
245	17	Fondazio ne	10-13	1	0.00	9.42	12.57	21.99	1	0	3254	-	-1	21890	-	6.73	V
					146.44	9.42	9.42	18.85	1	0	-3382	-	1	-16472	-	4.87	V
					292.88	9.42	12.57	21.99	1	0	3677	-	-1	21890	-	5.95	V
246	18	Fondazio ne	11-12	1	0.00	11.40	13.89	25.29	1	0	8992	-	1	24136	-	2.68	V
					93.01	11.40	13.89	25.29	1	0	1577	-	1	24136	-	15.31	V
					186.02	11.40	13.89	25.29	1	0	-991	-	-1	-19859	-	20.03	V
247	19	Fondazio ne	11-14	1	0.00	9.42	12.57	21.99	1	0	3508	-	-1	21890	-	6.24	V
					146.44	9.42	9.42	18.85	1	0	-2496	-	1	-16472	-	6.60	V
					292.88	9.42	12.57	21.99	1	0	2495	-	-1	21890	-	8.77	V
248	20	Fondazio ne	12-15	1	0.00	9.42	12.57	21.99	1	0	2349	-	-1	21890	-	9.32	V
					146.44	9.42	9.42	18.85	1	0	-2944	-	1	-16472	-	5.60	V
					292.88	9.42	12.57	21.99	1	0	3363	-	-1	21890	-	6.51	V
249	21	Fondazio ne	13-14	1	75.62	9.42	21.99	31.42	1	0	-7327	-	-1	-16470	-	2.25	V
					226.85	18.85	6.28	25.13	1	0	-14230	-	0	-32477	-	2.28	V
					453.70	9.42	31.42	40.84	1	0	-7444	-	0	-16469	-	2.21	V
250	22	Fondazio ne	13-16	1	0.00	9.42	12.57	21.99	1	0	3093	-	-1	21890	-	7.08	V
					151.53	9.42	9.42	18.85	1	0	-3802	-	1	-16472	-	4.33	V
					303.06	9.42	12.57	21.99	1	0	3799	-	-1	21890	-	5.76	V
251	23	Fondazio ne	14-15	1	0.00	11.40	13.89	25.29	1	0	7859	-	1	24136	-	3.07	V
					155.02	11.40	13.89	25.29	1	0	-945	-	-1	-19859	-	21.02	V
					186.02	11.40	13.89	25.29	1	0	-1111	-	-1	-19859	-	17.88	V
252	24	Fondazio ne	14-17	1	75.77	9.42	12.57	21.99	1	0	-1939	-	2	-16470	-	8.49	V
					151.53	9.42	9.42	18.85	1	0	-3144	-	1	-16472	-	5.24	V
					303.06	9.42	12.57	21.99	1	0	2935	-	-1	21890	-	7.46	V
253	25	Fondazio ne	15-18	1	0.00	9.42	12.57	21.99	1	0	2647	-	-1	21890	-	8.27	V
					151.53	9.42	9.42	18.85	1	0	-3227	-	1	-16472	-	5.10	V
					303.06	9.42	12.57	21.99	1	0	3311	-	-1	21890	-	6.61	V
254	26	Fondazio ne	16-17	1	75.62	9.42	21.99	31.42	1	0	-7265	-	-1	-16470	-	2.27	V
					226.85	18.85	6.28	25.13	1	0	-14153	-	0	-32477	-	2.29	V
					453.70	9.42	31.42	40.84	1	0	-7617	-	0	-16469	-	2.16	V
255	27	Fondazio ne	16-19	1	0.00	9.42	12.57	21.99	1	0	3250	-	-1	21890	-	6.74	V
					151.53	9.42	9.42	18.85	1	0	-3875	-	1	-16472	-	4.25	V
					303.06	9.42	12.57	21.99	1	0	3496	-	-1	21890	-	6.26	V
256	28	Fondazio ne	17-18	1	0.00	11.40	13.89	25.29	1	0	7286	-	1	24136	-	3.31	V
					155.02	11.40	13.89	25.29	1	0	-1124	-	-1	-19859	-	17.67	V
					186.02	11.40	13.89	25.29	1	0	-1228	-	-1	-19859	-	16.17	V
257	29	Fondazio ne	17-20	1	0.00	9.42	12.57	21.99	1	0	2361	-	-1	21890	-	9.27	V
					151.53	9.42	9.42	18.85	1	0	-3081	-	1	-16472	-	5.35	V
					303.06	9.42	12.57	21.99	1	0	2750	-	-1	21890	-	7.96	V
258	30	Fondazio ne	18-21	1	75.77	9.42	12.57	21.99	1	0	-2034	-	2	-16470	-	8.10	V
					151.53	9.42	9.42	18.85	1	0	-3535	-	1	-16472	-	4.66	V
					303.06	9.42	12.57	21.99	1	0	2865	-	-1	21890	-	7.64	V
259	31	Fondazio ne	19-20	1	75.62	9.42	21.99	31.42	1	0	-7293	-	-1	-16470	-	2.26	V
					226.85	18.85	6.28	25.13	1	0	-14268	-	0	-32477	-	2.28	V
					453.70	9.42	31.42	40.84	1	0	-7818	-	0	-16469	-	2.11	V
260	32	Fondazio ne	19-22	1	73.22	9.42	12.57	21.99	1	0	-2303	-	2	-16470	-	7.15	V
					146.44	9.42	9.42	18.85	1	0	-3954	-	1	-16472	-	4.17	V
					292.88	9.42	12.57	21.99	1	0	3124	-	-1	21890	-	7.01	V
261	33	Fondazio ne	20-21	1	0.00	11.40	13.89	25.29	1	0	7039	-	1	24136	-	3.43	V
					155.02	11.40	13.89	25.29	1	0	-1263	-	-1	-19859	-	15.72	V
					186.02	11.40	13.89	25.29	1	0	-1326	-	-1	-19859	-	14.98	V
262	34	Fondazio ne	20-23	1	73.22	9.42	12.57	21.99	1	0	-2049	-	2	-16470	-	8.04	V
					146.44	9.42	9.42	18.85	1	0	-3331	-	1	-16472	-	4.94	V
					219.67	9.42	12.57	21.99	1	0	-1920	-	2	-16470	-	8.58	V
263	35	Fondazio ne	21-24	1	70.83	9.42	12.57	21.99	1	0	-2108	-	2	-16470	-	7.81	V
					141.65	9.42	9.42	18.85	1	0	-3200	-	1	-16472	-	5.15	V
					283.30	9.42	12.57	21.99	1	0	3249	-	-1	21890	-	6.74	V
264	36	Fondazio ne	22-23	1	75.92	9.42	21.99	31.42	1	0	-7506	-	-1	-16470	-	2.19	V
					227.75	18.85	6.28	25.13	1	0	-14832	-	0	-32477	-	2.19	V
					455.49	9.42	31.42	40.84	1	0	-8201	-	0	-16469	-	2.01	V
265	37	Fondazio ne	22-25	1	73.22	9.42	12.57	21.99	1	0	-2881	-	2	-16470	-	5.72	V
					146.44	9.42	9.42	18.85	1	0	-4053	-	1	-16472	-	4.06	V
					292.88	9.42	12.57	21.99	1	0	4654	-	-1	21890	-	4.70	V
266	38	Fondazio ne	23-24	1	0.00	11.40	13.89	25.29	1	0	7385	-	1	24136	-	3.27	V
					153.61	11.40	13.89	25.29	1	0	-1204	-	-1	-19859	-	16.49	V
					184.33	11.40	13.89	25.29	1	0	-1267	-	-1	-19859	-	15.67	V
267	39	Fondazio ne	23-26	1	73.22	9.42	12.57	21.99	1	0	-2740	-	2	-16470	-	6.01	V
					109.83	9.42	9.42	18.85	1	0	-3441	-	1	-16472	-	4.79	V
					292.89	9.42	12.57	21.99	1	0	4162	-	-1	21890	-	5.26	V

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268	40	Fondazio ne	24-27	1	75.62	9.42	12.57	21.99	1	0	-2514	-	2	-16470	-	6.55	V
					113.42	9.42	9.42	18.85	1	0	-3333	-	1	-16472	-	4.94	V
					302.46	9.42	12.57	21.99	1	0	5784	-	-1	21890	-	3.78	V
269	41	Fondazio ne	25-26	1	75.62	9.42	21.99	31.42	1	0	-7978	-	-1	-16470	-	2.06	V
					226.85	18.85	6.28	25.13	1	0	-15978	-	0	-32477	-	2.03	V
					453.70	9.42	31.42	40.84	1	0	-8433	-	0	-16469	-	1.95	V
270	42	Fondazio ne	25-29	1	75.77	9.42	12.57	21.99	1	0	-2719	-	2	-16470	-	6.06	V
					151.53	9.42	9.42	18.85	1	0	-4268	-	1	-16472	-	3.86	V
					303.06	9.42	12.57	21.99	1	0	5503	-	-1	21890	-	3.98	V
271	43	Fondazio ne	26-27	1	0.00	11.40	13.89	25.29	1	0	9588	-	1	24136	-	2.52	V
					93.01	11.40	13.89	25.29	1	0	1532	-	1	24136	-	15.76	V
					186.02	11.40	13.89	25.29	1	0	-980	-	-1	-19859	-	20.27	V
272	44	Fondazio ne	26-30	1	75.77	9.42	12.57	21.99	1	0	-2490	-	2	-16470	-	6.61	V
					113.65	9.42	9.42	18.85	1	0	-3336	-	1	-16472	-	4.94	V
					303.06	9.42	12.57	21.99	1	0	5933	-	-1	21890	-	3.69	V
273	45	Fondazio ne	28-27	1	75.64	9.42	6.28	15.71	1	0	-5122	-	0	-16473	-	3.22	V
					151.27	9.42	6.28	15.71	1	0	-8235	-	0	-16473	-	2.00	V
					226.91	9.42	12.57	21.99	1	0	-7074	-	2	-16470	-	2.33	V
274	46	Fondazio ne	27-31	1	0.00	9.42	12.57	21.99	1	0	4049	-	-1	21890	-	5.41	V
					151.53	9.42	9.42	18.85	1	0	-4712	-	1	-16472	-	3.50	V
					227.30	9.42	12.57	21.99	1	0	-3142	-	2	-16470	-	5.24	V
275	47	Fondazio ne	32-28	1	78.19	12.57	9.42	21.99	1	0	-5124	-	0	-21890	-	4.27	V
					156.38	12.57	9.42	21.99	1	0	-7460	-	0	-21890	-	2.93	V
					234.56	12.57	15.71	28.27	1	0	-5090	-	2	-21888	-	4.30	V
276	48	Fondazio ne	29-30	1	75.62	9.42	21.99	31.42	1	0	-8750	-	-1	-16470	-	1.88	V
					226.85	18.85	6.28	25.13	1	0	-17371	-	0	-32477	-	1.87	V
					453.70	9.42	31.42	40.84	1	0	-8483	-	0	-16469	-	1.94	V
277	49	Fondazio ne	29-33	1	0.00	9.42	12.57	21.99	1	0	4555	-	-1	21890	-	4.81	V
					144.05	9.42	9.42	18.85	1	0	-2995	-	1	-16472	-	5.50	V
					288.09	9.42	15.71	25.13	1	0	5921	-	0	27304	-	4.61	V
278	50	Fondazio ne	30-31	1	0.00	11.40	13.89	25.29	1	0	12411	-	1	24136	-	1.94	V
					93.01	11.40	13.89	25.29	1	0	4113	-	1	24136	-	5.87	V
					248.03	11.40	13.89	25.29	1	0	3979	-	1	24136	-	6.07	V
279	51	Fondazio ne	30-34	1	0.00	9.42	12.57	21.99	1	0	4655	-	-1	21890	-	4.70	V
					146.44	9.42	9.42	18.85	1	0	-2754	-	1	-16472	-	5.98	V
					292.88	9.42	15.71	25.13	1	0	4300	-	0	27304	-	6.35	V
280	52	Fondazio ne	31-32	1	75.63	9.42	6.28	15.71	1	0	-4270	-	0	-16473	-	3.86	V
					151.26	9.42	6.28	15.71	1	0	-7318	-	0	-16473	-	2.25	V
					226.89	9.42	12.57	21.99	1	0	-6223	-	2	-16470	-	2.65	V
281	53	Fondazio ne	31-35	1	50.89	9.42	12.57	21.99	1	0	-1172	-	2	-16470	-	14.05	V
					101.79	9.42	9.42	18.85	1	0	-1713	-	1	-16472	-	9.62	V
					203.57	9.42	12.57	21.99	1	0	3001	-	-1	21890	-	7.29	V
282	54	Fondazio ne	36-32	1	69.64	9.42	12.57	21.99	1	0	-2311	-	2	-16470	-	7.13	V
					139.29	9.42	9.42	18.85	1	0	-4101	-	1	-16472	-	4.02	V
					208.93	9.42	12.57	21.99	1	0	-2417	-	2	-16470	-	6.81	V
283	55	Fondazio ne	33-34	1	75.62	9.42	21.99	31.42	1	0	-9192	-	-1	-16470	-	1.79	V
					226.85	18.85	6.28	25.13	1	0	-18044	-	0	-32477	-	1.80	V
					453.71	9.42	31.42	40.84	1	0	-9371	-	0	-16469	-	1.76	V
284	56	Fondazio ne	33-39	1	88.51	12.57	9.42	21.99	1	0	-5884	-	0	-21890	-	3.72	V
					177.01	12.57	9.42	21.99	1	0	-10276	-	0	-21890	-	2.13	V
					265.52	12.57	15.71	28.27	1	0	-8467	-	2	-21888	-	2.59	V
285	57	Fondazio ne	34-35	1	0.00	11.40	13.89	25.29	1	0	11043	-	1	24136	-	2.19	V
					93.01	11.40	13.89	25.29	1	0	4318	-	1	24136	-	5.59	V
					248.03	11.40	13.89	25.29	1	0	7926	-	1	24136	-	3.05	V
286	58	Fondazio ne	34-40	1	87.31	12.57	9.42	21.99	1	0	-4146	-	0	-21890	-	5.28	V
					174.62	12.57	9.42	21.99	1	0	-7947	-	0	-21890	-	2.75	V
					261.94	12.57	15.71	28.27	1	0	-6639	-	2	-21888	-	3.30	V
287	59	Fondazio ne	35-36	1	0.00	9.42	12.57	21.99	1	0	6405	-	-1	21890	-	3.42	V
					189.08	9.42	6.28	15.71	1	0	-6733	-	0	-16473	-	2.45	V
					226.89	9.42	12.57	21.99	1	0	-6139	-	2	-16470	-	2.68	V
288	60	Fondazio ne	35-37	1	55.39	9.42	12.57	21.99	1	0	-3154	-	2	-16470	-	5.22	V
					138.48	9.42	9.42	18.85	1	0	-5162	-	1	-16472	-	3.19	V
					166.17	9.42	12.57	21.99	1	0	-4702	-	2	-16470	-	3.50	V
289	61	Fondazio ne	38-36	1	55.39	9.42	12.57	21.99	1	0	-4422	-	2	-16470	-	3.72	V
					83.09	9.42	9.42	18.85	1	0	-4636	-	1	-16472	-	3.55	V
					166.17	9.42	12.57	21.99	1	0	-2037	-	2	-16470	-	8.08	V
290	62	Fondazio ne	37-38	1	75.63	9.42	6.28	15.71	1	0	-7087	-	0	-16473	-	2.32	V
					151.26	9.42	6.28	15.71	1	0	-9185	-	0	-16473	-	1.79	V
					226.89	9.42	12.57	21.99	1	0	-7231	-	2	-16470	-	2.28	V
291	63	Fondazio ne	37-41	1	25.50	12.57	9.42	21.99	1	0	-2076	-	0	-21890	-	10.54	V
					38.24	12.57	9.42	21.99	1	0	-2151	-	0	-21890	-	10.18	V
					76.49	12.57	15.71	28.27	1	0	-1639	-	2	-21888	-	13.35	V
292	64	Fondazio	42-38	1	25.50	12.57	9.42	21.99	1	0	-984	-	0	-21890	-	22.25	V

		ne				63.74	12.57	9.42	21.99	1	0	-2087	-	0	-21890	-	10.49	V
						89.23	12.57	15.71	28.27	1	0	-2231	-	2	-21888	-	9.81	V
293	65	Fondazio ne	39-40	1		76.07	9.42	21.99	31.42	1	0	-9540	-	-1	-16470	-	1.73	V
						228.20	18.85	6.28	25.13	1	0	-18683	-	0	-32477	-	1.74	V
						456.39	9.42	31.42	40.84	1	0	-8738	-	0	-16469	-	1.88	V
294	66	Fondazio ne	40-41	1		0.00	11.40	13.89	25.29	1	0	14289	-	1	24136	-	1.69	V
						91.66	11.40	13.89	25.29	1	0	5298	-	1	24136	-	4.56	V
						244.44	11.40	13.89	25.29	1	0	4023	-	1	24136	-	6.00	V
295	67	Fondazio ne	41-42	1		75.63	9.42	6.28	15.71	1	0	-4638	-	0	-16473	-	3.55	V
						151.26	9.42	6.28	15.71	1	0	-7523	-	0	-16473	-	2.19	V
						226.89	9.42	12.57	21.99	1	0	-6377	-	2	-16470	-	2.58	V

4.1.2.3.2 Verifiche a Taglio - PGA SLV = 0.0000 g.

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;
 Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
 Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
 Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Aree ferro:

A_{Staffe} : valore dell'area delle staffe della sezione;
 A_{Sag} : valore dell'area dei sagomati della sezione;

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;

Tagli Resistenti:

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

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;

Tabella 80.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro		cot θ_{XY} [°]	cot θ_{XZ} [°]	Tagli Sollecitanti		Tagli Resistenti							Esito
						A_{Staffe} [cm ²]	A_{Sag} [cm ²]			V_{rdxy} [daN]	V_{rdxz} [daN]	V_{rdxy} [daN]	V_{rdxz} [daN]	N_{br}	D_{Staffe} [cm]	L_{Tr} [cm]	S_{XY}	S_{XZ}	
229	1	Fondazi one	1-2	1	Ini	1.01	0.00	2.50	2.50	88	15766	7550	20240	2	20.0	605	86.26	1.28	V
230	2	Fondazi one	1-4	1	Ini	1.01	0.00	2.50	2.50	59	13102	7550	20240	2	20.0	364	127.13	1.54	V
231	3	Fondazi one	2-3	1	Ini	1.01	0.00	2.50	2.50	77	11762	7550	20240	2	20.0	248	98.14	1.72	V
232	4	Fondazi one	2-5	1	Ini	1.01	0.00	2.50	2.50	21	10378	7550	20240	2	20.0	364	361.30	1.95	V
233	5	Fondazi one	3-6	1	Ini	1.01	0.00	2.50	2.50	27	11105	7550	20240	2	20.0	364	283.01	1.82	V
234	6	Fondazi one	4-5	1	Ini	1.01	0.00	2.50	2.50	62	14258	7550	20240	2	20.0	605	121.66	1.42	V
235	7	Fondazi one	4-7	1	Ini	1.01	0.00	2.50	2.50	48	9748	7550	20240	2	20.0	293	157.21	2.08	V
236	8	Fondazi one	5-6	1	Ini	1.01	0.00	2.50	2.50	64	9956	7550	20240	2	20.0	249	117.63	2.03	V
237	9	Fondazi one	5-8	1	Ini	1.01	0.00	2.50	2.50	18	7677	7550	20240	2	20.0	293	408.18	2.64	V
238	10	Fondazi one	6-9	1	Ini	1.01	0.00	2.50	2.50	22	8174	7550	20240	2	20.0	293	337.29	2.48	V
239	11	Fondazi one	7-8	1	Ini	1.01	0.00	2.50	2.50	44	14185	7550	20240	2	20.0	605	171.14	1.43	V
240	12	Fondazi one	7-10	1	Ini	1.01	0.00	2.50	2.50	43	9885	7550	20240	2	20.0	293	177.25	2.05	V
241	13	Fondazi one	8-9	1	Ini	1.01	0.00	2.50	2.50	53	9868	7550	20240	2	20.0	248	143.61	2.05	V

Relazione di calcolo

242	14	Fondazi one	8-11	1	Ini	1.01	0.00	2.50	2.50	22	8649	7550	20240	2	20.0	293	335.88	2.34	V
243	15	Fondazi one	9-12	1	Ini	1.01	0.00	2.50	2.50	26	8136	7550	20240	2	20.0	293	293.02	2.49	V
244	16	Fondazi one	10-11	1	Ini	1.01	0.00	2.50	2.50	33	14728	7550	20240	2	20.0	605	231.30	1.37	V
245	17	Fondazi one	10-13	1	Ini	1.01	0.00	2.50	2.50	40	9516	7550	20240	2	20.0	293	188.82	2.13	V
246	18	Fondazi one	11-12	1	Ini	1.01	0.00	2.50	2.50	43	10508	7550	20240	2	20.0	248	174.90	1.93	V
247	19	Fondazi one	11-14	1	Ini	1.01	0.00	2.50	2.50	21	7908	7550	20240	2	20.0	293	352.21	2.56	V
248	20	Fondazi one	12-15	1	Ini	1.01	0.00	2.50	2.50	23	8294	7550	20240	2	20.0	293	332.01	2.44	V
249	21	Fondazi one	13-14	1	Ini	1.01	0.00	2.50	2.50	21	14053	7550	20240	2	20.0	605	364.44	1.44	V
250	22	Fondazi one	13-16	1	Ini	1.01	0.00	2.50	2.50	41	9829	7550	20240	2	20.0	303	183.29	2.06	V
251	23	Fondazi one	14-15	1	Ini	1.01	0.00	2.50	2.50	38	9823	7550	20240	2	20.0	248	201.09	2.06	V
252	24	Fondazi one	14-17	1	Ini	1.01	0.00	2.50	2.50	27	7767	7550	20240	2	20.0	303	277.56	2.61	V
253	25	Fondazi one	15-18	1	Ini	1.01	0.00	2.50	2.50	28	8439	7550	20240	2	20.0	303	267.79	2.40	V
254	26	Fondazi one	16-17	1	Ini	1.01	0.00	2.50	2.50	4	13698	7550	20240	2	20.0	605	1847.28	1.48	V
255	27	Fondazi one	16-19	1	Ini	1.01	0.00	2.50	2.50	44	9687	7550	20240	2	20.0	303	170.79	2.09	V
256	28	Fondazi one	17-18	1	Ini	1.01	0.00	2.50	2.50	38	9509	7550	20240	2	20.0	248	197.98	2.13	V
257	29	Fondazi one	17-20	1	Ini	1.01	0.00	2.50	2.50	25	7600	7550	20240	2	20.0	303	300.61	2.66	V
258	30	Fondazi one	18-21	1	Ini	1.01	0.00	2.50	2.50	24	8409	7550	20240	2	20.0	303	316.22	2.41	V
259	31	Fondazi one	19-20	1	Ini	1.01	0.00	2.50	2.50	26	13684	7550	20240	2	20.0	605	291.12	1.48	V
260	32	Fondazi one	19-22	1	Ini	1.01	0.00	2.50	2.50	56	9619	7550	20240	2	20.0	293	134.77	2.10	V
261	33	Fondazi one	20-21	1	Ini	1.01	0.00	2.50	2.50	36	9477	7550	20240	2	20.0	248	211.35	2.14	V
262	34	Fondazi one	20-23	1	Ini	1.01	0.00	2.50	2.50	21	7562	7550	20240	2	20.0	293	362.29	2.68	V
263	35	Fondazi one	21-24	1	Ini	1.01	0.00	2.50	2.50	17	8686	7550	20240	2	20.0	283	454.25	2.33	V
264	36	Fondazi one	22-23	1	Ini	1.01	0.00	2.50	2.50	53	14267	7550	20240	2	20.0	607	142.52	1.42	V
265	37	Fondazi one	22-25	1	Ini	1.01	0.00	2.50	2.50	98	11090	7550	20240	2	20.0	293	77.14	1.83	V
266	38	Fondazi one	23-24	1	Ini	1.01	0.00	2.50	2.50	86	9897	7550	20240	2	20.0	246	87.96	2.05	V
267	39	Fondazi one	23-26	1	Ini	1.01	0.00	2.50	2.50	188	9368	7550	20240	2	20.0	293	40.19	2.16	V
268	40	Fondazi one	24-27	1	Ini	1.01	0.00	2.50	2.50	166	10782	7550	20240	2	20.0	302	45.54	1.88	V
269	41	Fondazi one	25-26	1	Ini	1.01	0.00	2.50	2.50	66	16137	7550	20240	2	20.0	605	113.71	1.25	V
270	42	Fondazi one	25-29	1	Ini	1.01	0.00	2.50	2.50	142	12240	7550	20240	2	20.0	303	53.34	1.65	V
271	43	Fondazi one	26-27	1	Ini	1.01	0.00	2.50	2.50	61	11574	7550	20240	2	20.0	248	123.53	1.75	V
272	44	Fondazi one	26-30	1	Ini	1.01	0.00	2.50	2.50	158	11017	7550	20240	2	20.0	303	47.76	1.84	V
273	45	Fondazi one	28-27	1	Ini	1.01	0.00	2.50	2.50	262	13341	7550	20240	2	20.0	303	28.85	1.52	V
274	46	Fondazi one	27-31	1	Ini	1.01	0.00	2.50	2.50	251	11040	7550	20240	2	20.0	303	30.04	1.83	V
275	47	Fondazi one	32-28	1	Ini	1.01	0.00	2.50	2.50	190	12546	7550	20240	2	20.0	313	39.74	1.61	V
276	48	Fondazi one	29-30	1	Ini	1.01	0.00	2.50	2.50	99	18519	7550	20240	2	20.0	605	76.60	1.09	V
277	49	Fondazi one	29-33	1	Ini	1.01	0.00	2.50	2.50	82	11946	7550	20240	2	20.0	288	92.34	1.69	V
278	50	Fondazi one	30-31	1	Ini	1.01	0.00	2.50	2.50	74	12149	7550	20240	2	20.0	248	102.39	1.67	V
279	51	Fondazi one	30-34	1	Ini	1.01	0.00	2.50	2.50	24	10005	7550	20240	2	20.0	293	312.61	2.02	V
280	52	Fondazi one	31-32	1	Ini	1.01	0.00	2.50	2.50	257	12203	7550	20240	2	20.0	303	29.36	1.66	V
281	53	Fondazi one	31-35	1	Ini	1.01	0.00	2.50	2.50	79	8458	7550	20240	2	20.0	204	95.05	2.39	V
282	54	Fondazi one	36-32	1	Ini	1.01	0.00	2.50	2.50	71	10070	7550	20240	2	20.0	279	106.96	2.01	V
283	55	Fondazi one	33-34	1	Ini	1.01	0.00	2.50	2.50	93	18536	7550	20240	2	20.0	605	81.54	1.09	V
284	56	Fondazi one	33-39	1	Ini	1.01	0.00	2.50	2.50	114	15500	7550	20240	2	20.0	354	65.94	1.31	V
285	57	Fondazi one	34-35	1	Ini	1.01	0.00	2.50	2.50	33	10470	7550	20240	2	20.0	248	231.02	1.93	V
286	58	Fondazi one	34-40	1	Ini	1.01	0.00	2.50	2.50	48	13188	7550	20240	2	20.0	349	157.88	1.53	V
287	59	Fondazi one	35-36	1	Ini	1.01	0.00	2.50	2.50	190	14048	7550	20240	2	20.0	303	39.83	1.44	V
288	60	Fondazi one	35-37	1	Ini	1.01	0.00	2.50	2.50	73	9657	7550	20240	2	20.0	222	103.52	2.10	V
289	61	Fondazi one	38-36	1	Ini	1.01	0.00	2.50	2.50	120	9973	7550	20240	2	20.0	222	63.13	2.03	V
290	62	Fondazi one	37-38	1	Ini	1.01	0.00	2.50	2.50	191	10921	7550	20240	2	20.0	303	39.45	1.85	V

	ne												
13	Fondazio ne	13	CONFINATO										
14	Fondazio ne	14	CONFINATO										
15	Fondazio ne	15	CONFINATO										
16	Fondazio ne	16	CONFINATO										
17	Fondazio ne	17	CONFINATO										
18	Fondazio ne	18	CONFINATO										
19	Fondazio ne	19	CONFINATO										
20	Fondazio ne	20	CONFINATO										
21	Fondazio ne	21	CONFINATO										
22	Fondazio ne	22	CONFINATO										
23	Fondazio ne	23	CONFINATO										
24	Fondazio ne	24	CONFINATO										
25	Fondazio ne	25	CONFINATO										
26	Fondazio ne	26	CONFINATO										
27	Fondazio ne	27	CONFINATO										
28	Fondazio ne	28	CONFINATO										
29	Fondazio ne	29	CONFINATO										
30	Fondazio ne	30	CONFINATO										
31	Fondazio ne	31	CONFINATO										
32	Fondazio ne	32	CONFINATO										
33	Fondazio ne	33	CONFINATO										
34	Fondazio ne	34	CONFINATO										
35	Fondazio ne	35	CONFINATO										
36	Fondazio ne	36	CONFINATO										
37	Fondazio ne	37	CONFINATO										
38	Fondazio ne	38	CONFINATO										
39	Fondazio ne	39	CONFINATO										
40	Fondazio ne	40	CONFINATO										
41	Fondazio ne	41	CONFINATO										
42	Fondazio ne	42	CONFINATO										
43	Piano 1	1	Tens.Cls	1	0.28	6.70	5.64	1	0.08	6.50	5.81	V	
44	Piano 1	2	Tens.Cls	1	0.28	9.15	4.13	1	0.03	8.90	4.24	V	
45	Piano 1	3	Tens.Cls	1	0.19	4.04	9.35	1	0.12	3.97	9.51	V	
46	Piano 1	4	Tens.Cls	1	0.06	9.35	4.04	1	0.71	10.00	3.78	V	
47	Piano 1	5	CONFINATO										
48	Piano 1	6	Tens.Cls	1	0.02	6.28	6.01	1	0.00	6.27	6.03	V	
49	Piano 1	7	Tens.Cls	1	0.01	8.35	4.52	1	0.79	9.12	4.14	V	
50	Piano 1	8	CONFINATO										
51	Piano 1	9	Tens.Cls	1	0.02	5.58	6.77	1	0.00	5.56	6.79	V	
52	Piano 1	10	Tens.Cls	1	0.00	8.59	4.40	1	0.00	8.59	4.40	V	
53	Piano 1	11	Tens.Cls	1	0.01	10.70	3.53	1	0.00	10.69	3.53	V	
54	Piano 1	12	Tens.Cls	1	0.02	5.61	6.73	1	0.09	5.69	6.64	V	
55	Piano 1	13	Tens.Cls	1	0.00	8.46	4.47	1	0.77	9.23	4.09	V	

56	Piano 1	14	CONFINATO									
57	Piano 1	15	Tens.Cls	1	0.03	5.70	6.63	1	0.00	5.67	6.67	V
58	Piano 1	16	Tens.Cls	1	0.00	8.52	4.43	1	0.75	9.27	4.08	V
59	Piano 1	17	CONFINATO									
60	Piano 1	18	Tens.Cls	1	0.03	5.81	6.50	1	0.00	5.78	6.53	V
61	Piano 1	19	Tens.Cls	1	0.02	8.48	4.45	1	0.75	9.21	4.10	V
62	Piano 1	20	CONFINATO									
63	Piano 1	21	Tens.Cls	1	0.07	5.76	6.56	1	0.00	5.69	6.64	V
64	Piano 1	22	Tens.Cls	1	0.11	8.66	4.36	1	0.74	9.29	4.07	V
65	Piano 1	23	CONFINATO									
66	Piano 1	24	Tens.Cls	1	0.30	6.36	5.94	1	0.00	6.06	6.23	V
67	Piano 1	25	Tens.Cls	1	0.19	10.44	3.62	1	0.60	10.85	3.48	V
68	Piano 1	26	CONFINATO									
69	Piano 1	27	Tens.Cls	1	0.13	10.70	3.53	1	0.22	10.79	3.50	V
70	Piano 1	28	Tens.Cls	1	0.02	4.40	8.58	1	0.12	4.50	8.39	V
71	Piano 1	29	Tens.Cls	1	0.04	11.73	3.22	1	0.00	11.69	3.23	V
72	Piano 1	30	Tens.Cls	1	0.06	15.14	2.49	1	0.02	15.10	2.50	V
73	Piano 1	31	Tens.Cls	1	0.02	11.01	3.43	1	0.02	11.01	3.43	V
74	Piano 1	32	Tens.Cls	1	0.07	9.75	3.88	1	0.00	9.68	3.90	V
75	Piano 1	33	Tens.Cls	1	0.15	12.83	2.94	1	0.52	13.20	2.86	V
76	Piano 1	34	CONFINATO									
77	Piano 1	35	Tens.Cls	1	0.00	7.17	5.27	1	0.00	7.17	5.27	V
78	Piano 1	36	Tens.Cls	1	0.00	9.15	4.13	1	0.01	9.16	4.12	V
79	Piano 1	37	Tens.Cls	1	0.00	10.54	3.58	1	0.05	10.59	3.57	V
80	Piano 1	38	Tens.Cls	1	0.05	9.14	4.13	1	0.03	9.12	4.14	V
81	Piano 1	39	Tens.Cls	1	0.13	8.86	4.27	1	0.03	8.76	4.31	V
82	Piano 1	40	Tens.Cls	1	0.13	12.44	3.04	1	0.13	12.43	3.04	V
83	Piano 1	41	Tens.Cls	1	0.01	7.40	5.11	1	0.00	7.39	5.11	V
84	Piano 1	42	Tens.Cls	1	0.07	5.65	6.68	1	0.00	5.59	6.76	V
85	Piano 2	1	Tens.Cls	1	0.85	3.86	9.74	1	0.73	3.75	10.09	V
86	Piano 2	2	Tens.Cls	1	0.74	5.09	7.42	1	0.56	4.92	7.68	V
87	Piano 2	3	Tens.Cls	1	0.60	2.43	13.67	1	0.00	1.83	20.62	V
88	Piano 2	4	Tens.Cls	1	0.56	5.14	7.35	1	1.72	6.30	4.80	V
89	Piano 2	5	CONFINATO									
90	Piano 2	6	Tens.Cls	1	0.33	3.37	11.21	1	0.10	3.15	12.01	V
91	Piano 2	7	Tens.Cls	1	0.02	4.11	9.19	1	1.83	5.92	4.50	V
92	Piano 2	8	CONFINATO									
93	Piano 2	9	Tens.Cls	1	0.02	2.69	14.02	1	0.11	2.79	13.56	V
94	Piano 2	10	Tens.Cls	1	0.02	4.26	8.86	1	0.14	4.38	8.63	V
95	Piano 2	11	Tens.Cls	1	0.01	5.75	6.57	1	0.25	5.99	6.31	V
96	Piano 2	12	Tens.Cls	1	0.01	2.68	14.10	1	0.00	2.67	14.13	V
97	Piano 2	13	Tens.Cls	1	0.01	4.17	9.05	1	1.80	5.96	4.58	V
98	Piano 2	14	CONFINATO									
99	Piano 2	15	Tens.Cls	1	0.00	2.74	13.80	1	0.12	2.86	13.21	V
100	Piano 2	16	Tens.Cls	1	0.01	4.19	9.02	1	1.77	5.95	4.66	V
101	Piano 2	17	CONFINATO									
102	Piano 2	18	Tens.Cls	1	0.00	2.80	13.51	1	0.11	2.91	12.98	V
103	Piano 2	19	Tens.Cls	1	0.00	4.16	9.09	1	1.76	5.91	4.69	V
104	Piano 2	20	CONFINATO									
105	Piano 2	21	Tens.Cls	1	0.02	2.74	13.78	1	0.12	2.84	13.30	V
106	Piano 2	22	Tens.Cls	1	0.10	4.27	8.85	1	1.78	5.95	4.64	V
107	Piano 2	23	CONFINATO									
108	Piano 2	24	Tens.Cls	1	0.44	3.46	10.91	1	0.09	3.11	12.13	V
109	Piano 2	25	Tens.Cls	1	0.24	6.50	5.81	1	1.36	7.62	4.96	V
110	Piano 2	26	CONFINATO									
111	Piano 2	27	Tens.Cls	1	0.18	7.33	5.15	1	0.20	7.35	5.14	V
112	Piano 2	28	Tens.Cls	1	0.06	2.84	13.33	1	0.03	2.81	13.47	V
113	Piano 2	29	Tens.Cls	1	0.05	8.03	4.70	1	0.07	8.06	4.69	V
114	Piano 2	30	Tens.Cls	1	0.04	11.12	3.40	1	0.21	11.29	3.35	V
115	Piano 2	31	Tens.Cls	1	0.01	8.04	4.70	1	0.00	8.03	4.70	V
116	Piano 2	32	Tens.Cls	1	0.30	7.03	5.37	1	0.00	6.74	5.61	V
117	Piano 2	33	Tens.Cls	1	0.23	8.88	4.25	1	1.09	9.75	3.88	V
118	Piano 2	34	CONFINATO									
119	Piano 2	35	Tens.Cls	1	0.00	4.74	7.97	1	0.00	4.74	7.97	V
120	Piano 2	36	Tens.Cls	1	0.12	5.58	6.76	1	0.07	5.53	6.83	V
121	Piano 2	37	Tens.Cls	1	0.00	6.45	5.85	1	0.09	6.55	5.77	V
122	Piano 2	38	Tens.Cls	1	0.00	5.32	7.10	1	0.23	5.55	6.80	V
123	Piano 2	39	Tens.Cls	1	0.70	6.29	6.00	1	0.44	6.03	6.26	V
124	Piano 2	40	Tens.Cls	1	0.65	7.86	4.81	1	0.56	7.76	4.87	V
125	Piano 2	41	Tens.Cls	1	0.03	5.44	6.94	1	0.01	5.41	6.98	V
126	Piano 2	42	Tens.Cls	1	0.05	4.09	9.23	1	0.10	4.14	9.12	V
127	Piano 3	1	Tens.Cls	1	0.22	2.40	15.75	1	0.10	2.27	16.61	V

128	Piano 3	2	Tens.Cls	1	0.27	3.79	9.96	1	0.09	3.61	10.46	V
129	Piano 3	3	Tens.Cls	1	0.16	1.15	32.88	1	0.00	0.99	38.01	V
130	Piano 3	4	Tens.Cls	1	0.15	3.89	9.70	1	1.81	5.56	4.55	V
131	Piano 3	5	CONFINATO									
132	Piano 3	6	Tens.Cls	1	0.09	2.30	16.44	1	0.08	2.28	16.56	V
133	Piano 3	7	Tens.Cls	1	0.00	3.26	11.60	1	1.94	5.19	4.26	V
134	Piano 3	8	CONFINATO									
135	Piano 3	9	Tens.Cls	1	0.01	1.85	20.45	1	0.08	1.92	19.65	V
136	Piano 3	10	Tens.Cls	1	0.01	3.41	11.08	1	0.04	3.45	10.95	V
137	Piano 3	11	Tens.Cls	1	0.00	4.90	7.70	1	0.07	4.97	7.60	V
138	Piano 3	12	Tens.Cls	1	0.00	1.84	20.56	1	0.00	1.83	20.60	V
139	Piano 3	13	Tens.Cls	1	0.01	3.33	11.35	1	1.89	5.22	4.35	V
140	Piano 3	14	CONFINATO									
141	Piano 3	15	Tens.Cls	1	0.00	1.90	19.87	1	0.10	2.00	18.93	V
142	Piano 3	16	Tens.Cls	1	0.00	3.35	11.29	1	1.84	5.18	4.47	V
143	Piano 3	17	CONFINATO									
144	Piano 3	18	Tens.Cls	1	0.00	1.96	19.28	1	0.08	2.04	18.51	V
145	Piano 3	19	Tens.Cls	1	0.00	3.32	11.38	1	1.82	5.14	4.53	V
146	Piano 3	20	CONFINATO									
147	Piano 3	21	Tens.Cls	1	0.00	1.89	19.99	1	0.08	1.97	19.16	V
148	Piano 3	22	Tens.Cls	1	0.02	3.35	11.27	1	1.81	5.14	4.55	V
149	Piano 3	23	CONFINATO									
150	Piano 3	24	Tens.Cls	1	0.23	2.41	15.68	1	0.07	2.25	16.77	V
151	Piano 3	25	Tens.Cls	1	0.11	2.11	17.94	1	2.32	4.31	3.56	V
152	Piano 3	26	CONFINATO									
153	Piano 3	27	Tens.Cls	1	0.54	3.69	10.23	1	0.23	3.39	11.16	V
154	Piano 3	28	Tens.Cls	1	0.02	1.53	24.71	1	0.06	1.57	24.11	V
155	Piano 3	29	Tens.Cls	1	0.06	3.57	10.60	1	0.00	3.51	10.78	V
156	Piano 3	30	Tens.Cls	1	0.08	5.31	7.11	1	0.39	5.62	6.72	V
157	Piano 3	31	Tens.Cls	1	0.08	3.90	9.69	1	0.00	3.82	9.88	V
158	Piano 3	32	Tens.Cls	1	0.42	3.80	9.95	1	0.00	3.38	11.17	V
159	Piano 3	33	Tens.Cls	1	0.01	3.84	9.84	1	1.72	5.55	4.79	V
160	Piano 3	34	CONFINATO									
161	Piano 3	35	Tens.Cls	1	0.01	2.31	16.33	1	0.00	2.31	16.37	V
162	Piano 3	36	Tens.Cls	1	0.13	3.25	11.63	1	0.01	3.13	12.07	V
163	Piano 3	37	Tens.Cls	1	0.04	3.07	12.31	1	0.08	3.11	12.17	V
164	Piano 3	38	Tens.Cls	1	0.06	2.69	14.05	1	0.13	2.76	13.70	V
165	Piano 3	39	Tens.Cls	1	0.03	2.39	15.84	1	0.03	2.39	15.83	V
166	Piano 3	40	Tens.Cls	1	0.81	4.71	8.01	1	0.61	4.51	8.37	V
167	Piano 3	41	Tens.Cls	1	0.16	2.79	13.54	1	0.00	2.63	14.35	V
168	Piano 3	42	Tens.Cls	1	0.20	2.25	16.79	1	0.04	2.09	18.04	V
169	Piano 4	25	Tens.Cls	1	0.18	2.13	17.76	1	2.06	4.00	4.01	V
170	Piano 4	26	Tens.Cls	1	0.70	3.35	11.29	1	1.20	3.85	6.87	V
171	Piano 4	27	Tens.Cls	1	0.35	2.72	13.90	1	0.11	2.48	15.24	V
172	Piano 4	28	Tens.Cls	1	0.10	0.58	65.06	1	0.06	0.54	69.65	V
173	Piano 4	29	Tens.Cls	1	0.05	3.43	11.03	1	0.00	3.38	11.18	V
174	Piano 4	30	Tens.Cls	1	0.02	4.67	8.08	1	0.09	4.75	7.95	V
175	Piano 4	31	Tens.Cls	1	0.03	3.07	12.30	1	0.01	3.05	12.39	V
176	Piano 4	32	Tens.Cls	1	0.13	2.48	15.21	1	0.00	2.36	16.04	V
177	Piano 4	33	Tens.Cls	1	0.04	3.75	10.09	1	1.42	5.13	5.79	V
178	Piano 4	34	CONFINATO									
179	Piano 4	35	Tens.Cls	1	0.00	1.52	24.78	1	0.00	1.52	24.78	V
180	Piano 4	36	Tens.Cls	1	0.05	2.15	17.58	1	0.00	2.10	18.02	V
181	Piano 4	37	Tens.Cls	1	0.00	2.19	17.24	1	0.19	2.38	15.84	V
182	Piano 4	38	Tens.Cls	1	0.01	1.61	23.50	1	0.12	1.72	21.91	V
183	Piano 4	39	Tens.Cls	1	0.02	2.25	16.77	1	0.02	2.25	16.77	V
184	Piano 4	40	Tens.Cls	1	0.42	3.75	10.09	1	0.17	3.49	10.83	V
185	Piano 4	41	Tens.Cls	1	0.08	1.93	19.62	1	0.00	1.85	20.43	V
186	Piano 4	42	Tens.Cls	1	0.13	1.15	32.73	1	0.00	1.03	36.78	V

4.2.2 Verifiche Aste SLC.

4.2.2.1 Pilastri.

4.2.2.1.1 Verifiche Pilastri in C.A..

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

	At 1G level	At 1B level	
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6	2	354	Piano 3	7	Testa	12.1	-8619	-887	0	-8619	-5398	0	6.09	V
						12.1	-8619	0	-1361	-8619	0	-8369	6.15	V
					Piede	12.1	-10269	840	0	-10268	5669	0	6.75	V
						12.1	-10269	0	1189	-10269	0	8769	7.38	V
7	3	137	Piano 1	2	Testa	20.1	-14508	719	0	-14508	8867	0	12.33	V
						20.1	-14508	0	-755	-14509	0	-15941	21.11	V
					Piede	20.1	-16398	-977	0	-16398	-9161	0	9.37	V
						20.1	-16398	0	-2685	-16398	0	-16406	6.11	V
8	3	246	Piano 2	7	Testa	12.1	-8968	-56	0	-8966	-5455	0	97.99	V
						12.1	-8968	0	-773	-8968	0	-8455	10.94	V
					Piede	12.1	-10618	3	0	-10617	5727	0	1735.32	V
						12.1	-10618	0	899	-10618	0	8852	9.85	V
9	3	355	Piano 3	7	Testa	8.0	-2565	1	0	-2566	3158	0	2654.19	V
						8.0	-2565	0	-731	-2564	0	-4834	6.62	V
					Piede	8.0	-4215	-14	0	-4215	-3433	0	250.37	V
						8.0	-4215	0	715	-4215	0	5272	7.37	V
10	4	138	Piano 1	2	Testa	20.1	-39652	287	0	-39652	12205	0	42.57	V
						20.1	-39652	0	16	-39652	0	20958	1297.70	V
					Piede	20.1	-41542	2989	0	-41542	12407	0	4.15	V
						20.1	-41542	0	1026	-41542	0	21232	20.69	V
11	4	247	Piano 2	7	Testa	12.1	-24176	571	0	-24176	7872	0	13.80	V
						12.1	-24176	0	1062	-24176	0	11771	11.08	V
					Piede	12.1	-25826	-1175	0	-25826	-8109	0	6.90	V
						12.1	-25826	0	-1376	-25826	0	-12084	8.78	V
12	4	356	Piano 3	7	Testa	8.0	-9162	1077	0	-9162	4252	0	3.95	V
						8.0	-9162	0	1118	-9162	0	6580	5.88	V
					Piede	8.0	-10812	-560	0	-10813	-4525	0	8.08	V
						8.0	-10812	0	-940	-10812	0	-7014	7.46	V
13	5	139	Piano 1	2	Testa	20.1	-45823	-18	0	-45822	-12837	0	699.94	V
						20.1	-45823	0	46	-45823	0	21842	472.86	V
					Piede	20.1	-47713	-1336	0	-47712	-13016	0	9.74	V
						20.1	-47713	0	916	-47713	0	22104	24.13	V
14	5	248	Piano 2	7	Testa	12.1	-28586	-498	0	-28586	-8491	0	17.04	V
						12.1	-28586	0	1049	-28586	0	12586	12.00	V
					Piede	12.1	-30236	916	0	-30235	8711	0	9.51	V
						12.1	-30236	0	-1348	-30236	0	-12873	9.55	V
15	5	357	Piano 3	7	Testa	8.0	-11941	-894	0	-11940	-4710	0	5.27	V
						8.0	-11941	0	1273	-11941	0	7310	5.74	V
					Piede	8.0	-13591	506	0	-13591	4981	0	9.84	V
						8.0	-13591	0	-1029	-13591	0	-7734	7.52	V
16	6	140	Piano 1	2	Testa	20.1	-26191	292	0	-26191	10571	0	36.24	V
						20.1	-26191	0	-168	-26191	0	-18624	110.53	V
					Piede	20.1	-28081	-957	0	-28081	-10822	0	11.31	V
						20.1	-28081	0	1051	-28082	0	19015	18.10	V
17	6	249	Piano 2	7	Testa	12.1	-15716	-117	0	-15717	-6562	0	56.26	V
						12.1	-15716	0	657	-15715	0	10023	15.26	V
					Piede	12.1	-17366	330	0	-17365	6830	0	20.70	V
						12.1	-17366	0	-919	-17365	0	-10383	11.30	V
18	6	358	Piano 3	7	Testa	8.0	-5471	-142	0	-5472	-3641	0	25.65	V
						8.0	-5471	0	687	-5471	0	5604	8.16	V
					Piede	8.0	-7121	67	0	-7120	3914	0	58.52	V
						8.0	-7121	0	-586	-7121	0	-6041	10.31	V
19	7	141	Piano 1	2	Testa	20.1	-34852	254	0	-34852	11663	0	45.88	V
						20.1	-34852	0	-818	-34851	0	-20247	24.76	V
					Piede	20.1	-36742	2989	0	-36742	11882	0	3.98	V
						20.1	-36742	0	787	-36742	0	20529	26.07	V
20	7	250	Piano 7	7	Testa	12.1	-21510	535	0	-21510	7477	0	13.98	V

			o 2											
						12.1	-21510	0	194	-21509	0	11246	57.92	V
					Piede	12.1	-23160	-1141	0	-23161	-7724	0	6.77	V
						12.1	-23160	0	-330	-23161	0	-11574	35.11	V
21	7	359	Piano 3	7	Testa	8.0	-7984	1087	0	-7984	4058	0	3.73	V
						8.0	-7984	0	161	-7983	0	6269	39.00	V
					Piede	8.0	-9634	-537	0	-9634	-4330	0	8.06	V
						8.0	-9634	0	-142	-9634	0	-6704	47.20	V
22	8	142	Piano 1	2	Testa	20.1	-41214	-7	0	-41214	-12372	0	1681.02	V
						20.1	-41214	0	-1080	-41214	0	-21185	19.61	V
					Piede	20.1	-43104	-1332	0	-43104	-12568	0	9.43	V
						20.1	-43104	0	1167	-43103	0	21457	18.39	V
23	8	251	Piano 2	7	Testa	12.1	-25977	-476	0	-25977	-8130	0	17.10	V
						12.1	-25977	0	23	-25977	0	12112	523.41	V
					Piede	12.1	-27627	890	0	-27628	8360	0	9.39	V
						12.1	-27627	0	-190	-27627	0	-12414	65.39	V
24	8	360	Piano 3	7	Testa	8.0	-10704	-894	0	-10703	-4507	0	5.04	V
						8.0	-10704	0	-105	-10704	0	-6986	66.34	V
					Piede	8.0	-12354	497	0	-12354	4778	0	9.61	V
						8.0	-12354	0	62	-12354	0	7417	120.00	V
25	9	143	Piano 1	2	Testa	20.1	-22609	297	0	-22608	10077	0	33.96	V
						20.1	-22609	0	-644	-22608	0	-17850	27.72	V
					Piede	20.1	-24499	-956	0	-24498	-10341	0	10.81	V
						20.1	-24499	0	647	-24499	0	18264	28.21	V
26	9	252	Piano 2	7	Testa	12.1	-13741	-108	0	-13742	-6239	0	57.81	V
						12.1	-13741	0	104	-13742	0	9580	92.24	V
					Piede	12.1	-15391	316	0	-15392	6509	0	20.57	V
						12.1	-15391	0	-209	-15392	0	-9951	47.54	V
27	9	361	Piano 3	7	Testa	8.0	-4600	-132	0	-4599	-3496	0	26.57	V
						8.0	-4600	0	144	-4600	0	5374	37.37	V
					Piede	8.0	-6250	62	0	-6249	3770	0	60.58	V
						8.0	-6250	0	-129	-6250	0	-5810	45.08	V
28	10	144	Piano 1	2	Testa	20.1	-35948	-145	0	-35948	-11791	0	81.58	V
						20.1	-35948	0	-638	-35948	0	-20411	32.01	V
					Piede	20.1	-37838	3126	0	-37838	12006	0	3.84	V
						20.1	-37838	0	745	-37837	0	20691	27.79	V
29	10	253	Piano 2	7	Testa	12.1	-22214	439	0	-22214	7583	0	17.27	V
						12.1	-22214	0	182	-22214	0	11387	62.55	V
					Piede	12.1	-23864	-849	0	-23864	-7827	0	9.22	V
						12.1	-23864	0	-345	-23864	0	-11711	33.90	V
30	10	362	Piano 3	7	Testa	8.0	-8351	800	0	-8351	4118	0	5.15	V
						8.0	-8351	0	203	-8351	0	6366	31.37	V
					Piede	8.0	-10001	-471	0	-10000	-4391	0	9.33	V
						8.0	-10001	0	-165	-10002	0	-6801	41.17	V
31	11	145	Piano 1	2	Testa	20.1	-45493	227	0	-45492	12805	0	56.52	V
						20.1	-45493	0	-742	-45493	0	-21795	29.38	V
					Piede	20.1	-47383	-1346	0	-47382	-12985	0	9.65	V
						20.1	-47383	0	884	-47382	0	22059	24.97	V
32	11	254	Piano 2	7	Testa	12.1	-28100	-663	0	-28100	-8425	0	12.71	V
						12.1	-28100	0	141	-28101	0	12499	88.53	V
					Piede	12.1	-29750	797	0	-29750	8646	0	10.85	V
						12.1	-29750	0	-315	-29750	0	-12790	40.59	V
33	11	363	Piano 3	7	Testa	12.1	-11944	-889	0	-11945	-5945	0	6.69	V
						12.1	-11944	0	157	-11944	0	9165	58.37	V
					Piede	12.1	-13594	675	0	-13595	6215	0	9.21	V
						12.1	-13594	0	-126	-13594	0	-9547	75.87	V
34	12	146	Piano 1	2	Testa	20.1	-22171	668	0	-22170	10015	0	15.00	V
						20.1	-22171	0	-557	-22172	0	-17753	31.89	V
					Piede	20.1	-24061	-927	0	-24060	-10280	0	11.09	V

						20.1	-24061	0	681	-24061	0	18169	26.66	V
35	12	255	Piano 2	7	Testa	12.1	-13848	-35	0	-13848	-6256	0	178.29	V
						12.1	-13848	0	57	-13847	0	9604	167.41	V
					Piede	12.1	-15498	-6	0	-15498	-6526	0	1104.21	V
						12.1	-15498	0	-191	-15497	0	-9975	52.10	V
36	12	364	Piano 3	7	Testa	8.0	-4582	-48	0	-4582	-3494	0	72.65	V
						8.0	-4582	0	111	-4583	0	5369	48.35	V
					Piede	8.0	-6232	37	0	-6233	3767	0	101.06	V
						8.0	-6232	0	-96	-6232	0	-5806	60.26	V
37	13	147	Piano 1	2	Testa	20.1	-35497	265	0	-35497	11738	0	44.35	V
						20.1	-35497	0	-532	-35497	0	-20344	38.24	V
					Piede	20.1	-37387	2994	0	-37387	11955	0	3.99	V
						20.1	-37387	0	493	-37388	0	20625	41.86	V
38	13	256	Piano 2	7	Testa	12.1	-21841	528	0	-21842	7527	0	14.25	V
						12.1	-21841	0	125	-21842	0	11313	90.51	V
					Piede	12.1	-23491	-1129	0	-23491	-7772	0	6.89	V
						12.1	-23491	0	-251	-23492	0	-11639	46.39	V
39	13	365	Piano 3	7	Testa	8.0	-8153	1099	0	-8152	4085	0	3.72	V
						8.0	-8153	0	213	-8153	0	6313	29.70	V
					Piede	8.0	-9803	-527	0	-9803	-4358	0	8.27	V
						8.0	-9803	0	-173	-9802	0	-6748	39.07	V
40	14	148	Piano 1	2	Testa	20.1	-41774	-12	0	-41773	-12431	0	1063.38	V
						20.1	-41774	0	-423	-41774	0	-21266	50.30	V
					Piede	20.1	-43664	-1294	0	-43663	-12624	0	9.76	V
						20.1	-43664	0	347	-43665	0	21537	62.00	V
41	14	257	Piano 2	7	Testa	12.1	-26277	-472	0	-26277	-8173	0	17.32	V
						12.1	-26277	0	246	-26276	0	12167	49.44	V
					Piede	12.1	-27927	900	0	-27927	8401	0	9.34	V
						12.1	-27927	0	-361	-27928	0	-12468	34.49	V
42	14	366	Piano 3	7	Testa	8.0	-10890	-914	0	-10889	-4537	0	4.96	V
						8.0	-10890	0	402	-10890	0	7035	17.50	V
					Piede	8.0	-12540	511	0	-12539	4809	0	9.42	V
						8.0	-12540	0	-323	-12540	0	-7465	23.09	V
43	15	149	Piano 1	2	Testa	20.1	-23174	294	0	-23173	10156	0	34.49	V
						20.1	-23174	0	-564	-23173	0	-17975	31.85	V
					Piede	20.1	-25064	-937	0	-25063	-10418	0	11.12	V
						20.1	-25064	0	606	-25064	0	18385	30.34	V
44	15	258	Piano 2	7	Testa	12.1	-14038	-108	0	-14038	-6287	0	57.97	V
						12.1	-14038	0	-38	-14037	0	-9647	256.03	V
					Piede	12.1	-15688	333	0	-15687	6557	0	19.70	V
						12.1	-15688	0	-77	-15689	0	-10017	130.16	V
45	15	367	Piano 3	7	Testa	8.0	-4742	-141	0	-4743	-3520	0	24.88	V
						8.0	-4742	0	32	-4742	0	5411	166.56	V
					Piede	8.0	-6392	73	0	-6393	3794	0	52.16	V
						8.0	-6392	0	-33	-6391	0	-5848	176.89	V
46	16	150	Piano 1	2	Testa	20.1	-35848	300	0	-35847	11779	0	39.29	V
						20.1	-35848	0	-471	-35848	0	-20396	43.27	V
					Piede	20.1	-37738	3024	0	-37737	11994	0	3.97	V
						20.1	-37738	0	539	-37737	0	20677	38.40	V
47	16	259	Piano 2	7	Testa	12.1	-22014	532	0	-22014	7553	0	14.20	V
						12.1	-22014	0	82	-22015	0	11348	137.98	V
					Piede	12.1	-23664	-1154	0	-23665	-7798	0	6.76	V
						12.1	-23664	0	-205	-23665	0	-11672	56.81	V
48	16	368	Piano 3	7	Testa	8.0	-8200	1140	0	-8201	4093	0	3.59	V
						8.0	-8200	0	180	-8200	0	6326	35.06	V
					Piede	8.0	-9850	-503	0	-9851	-4366	0	8.69	V
						8.0	-9850	0	-162	-9850	0	-6761	41.80	V
49	17	151	Piano	2	Testa	20.1	-41694	-28	0	-41694	-12423	0	440.36	V

			o 1											
						20.1	-41694	0	-535	-41693	0	-21254	39.76	V
					Piede	20.1	-43584	-1293	0	-43584	-12616	0	9.76	V
						20.1	-43584	0	628	-43584	0	21525	34.25	V
50	17	260	Piano 2	7	Testa	12.1	-26122	-434	0	-26121	-8151	0	18.78	V
						12.1	-26122	0	103	-26122	0	12139	117.95	V
					Piede	12.1	-27772	912	0	-27772	8380	0	9.19	V
						12.1	-27772	0	-237	-27772	0	-12440	52.59	V
51	17	369	Piano 3	7	Testa	8.0	-10768	-937	0	-10768	-4517	0	4.82	V
						8.0	-10768	0	172	-10768	0	7002	40.82	V
					Piede	8.0	-12418	512	0	-12418	4789	0	9.35	V
						8.0	-12418	0	-157	-12418	0	-7434	47.46	V
52	18	152	Piano 1	2	Testa	20.1	-23713	283	0	-23713	10232	0	36.11	V
						20.1	-23713	0	-535	-23713	0	-18094	33.84	V
					Piede	20.1	-25603	-1011	0	-25603	-10492	0	10.38	V
						20.1	-25603	0	642	-25604	0	18500	28.80	V
53	18	261	Piano 2	7	Testa	12.1	-14359	-93	0	-14359	-6340	0	68.11	V
						12.1	-14359	0	-62	-14359	0	-9720	157.87	V
					Piede	12.1	-16009	375	0	-16010	6609	0	17.65	V
						12.1	-16009	0	-46	-16009	0	-10088	220.07	V
54	18	370	Piano 3	7	Testa	8.0	-4882	-152	0	-4881	-3543	0	23.25	V
						8.0	-4882	0	29	-4882	0	5448	189.64	V
					Piede	8.0	-6532	80	0	-6531	3817	0	47.47	V
						8.0	-6532	0	-39	-6531	0	-5885	152.26	V
55	19	153	Piano 1	2	Testa	20.1	-35647	297	0	-35647	11756	0	39.59	V
						20.1	-35647	0	-516	-35647	0	-20366	39.50	V
					Piede	20.1	-37537	3105	0	-37536	11972	0	3.86	V
						20.1	-37537	0	700	-37537	0	20647	29.51	V
56	19	262	Piano 2	7	Testa	12.1	-21871	525	0	-21871	7532	0	14.34	V
						12.1	-21871	0	-21	-21872	0	-11319	528.19	V
					Piede	12.1	-23521	-1167	0	-23522	-7777	0	6.66	V
						12.1	-23521	0	-90	-23520	0	-11644	128.94	V
57	19	371	Piano 3	7	Testa	8.0	-8143	1153	0	-8143	4084	0	3.54	V
						8.0	-8143	0	96	-8142	0	6310	66.03	V
					Piede	8.0	-9793	-488	0	-9793	-4356	0	8.92	V
						8.0	-9793	0	-104	-9793	0	-6746	64.92	V
58	20	154	Piano 1	2	Testa	20.1	-41432	-22	0	-41432	-12395	0	574.92	V
						20.1	-41432	0	-655	-41432	0	-21216	32.41	V
					Piede	20.1	-43322	-1296	0	-43322	-12590	0	9.71	V
						20.1	-43322	0	856	-43323	0	21488	25.12	V
59	20	263	Piano 2	7	Testa	12.1	-25914	-426	0	-25913	-8121	0	19.08	V
						12.1	-25914	0	-48	-25914	0	-12100	254.68	V
					Piede	12.1	-27564	911	0	-27564	8351	0	9.17	V
						12.1	-27564	0	-82	-27563	0	-12403	150.35	V
60	20	372	Piano 3	7	Testa	8.0	-10634	-936	0	-10634	-4495	0	4.80	V
						8.0	-10634	0	63	-10634	0	6967	110.05	V
					Piede	8.0	-12284	513	0	-12284	4767	0	9.30	V
						8.0	-12284	0	-51	-12283	0	-7399	144.03	V
61	21	155	Piano 1	2	Testa	20.1	-23372	302	0	-23372	10184	0	33.69	V
						20.1	-23372	0	-718	-23373	0	-18019	25.10	V
					Piede	20.1	-25262	-1059	0	-25262	-10445	0	9.86	V
						20.1	-25262	0	1075	-25262	0	18428	17.14	V
62	21	264	Piano 2	7	Testa	12.1	-14093	-88	0	-14092	-6296	0	71.93	V
						12.1	-14093	0	-181	-14092	0	-9660	53.31	V
					Piede	12.1	-15743	379	0	-15744	6566	0	17.31	V
						12.1	-15743	0	54	-15742	0	10029	185.83	V
63	21	373	Piano 3	7	Testa	8.0	-4711	-146	0	-4710	-3515	0	24.01	V
						8.0	-4711	0	-82	-4710	0	-5403	65.79	V
					Piede	8.0	-6361	80	0	-6362	3789	0	47.50	V

						8.0	-6361	0	66	-6362	0	5840	88.69	V
64	22	156	Piano 1	2	Testa	20.1	-35972	252	0	-35973	11794	0	46.75	V
						20.1	-35972	0	-916	-35972	0	-20415	22.28	V
					Piede	20.1	-37862	3305	0	-37863	12008	0	3.63	V
						20.1	-37862	0	1218	-37862	0	20695	16.99	V
65	22	265	Piano 2	7	Testa	12.1	-22122	512	0	-22123	7569	0	14.78	V
						12.1	-22122	0	-460	-22122	0	-11369	24.72	V
					Piede	12.1	-23772	-1225	0	-23772	-7814	0	6.38	V
						12.1	-23772	0	300	-23772	0	11693	39.00	V
66	22	374	Piano 3	7	Testa	8.0	-8174	1219	0	-8174	4089	0	3.35	V
						8.0	-8174	0	-393	-8174	0	-6319	16.10	V
					Piede	8.0	-9824	-482	0	-9823	-4361	0	9.05	V
						8.0	-9824	0	337	-9824	0	6754	20.04	V
67	23	157	Piano 1	2	Testa	20.1	-42239	-64	0	-42240	-12479	0	193.90	V
						20.1	-42239	0	-1237	-42238	0	-21333	17.25	V
					Piede	20.1	-44129	-1299	0	-44129	-12671	0	9.75	V
						20.1	-44129	0	1625	-44129	0	21603	13.29	V
68	23	266	Piano 2	7	Testa	12.1	-26658	-467	0	-26658	-8226	0	17.63	V
						12.1	-26658	0	-539	-26659	0	-12238	22.71	V
					Piede	12.1	-28308	929	0	-28308	8453	0	9.10	V
						12.1	-28308	0	362	-28307	0	12536	34.60	V
69	23	375	Piano 3	7	Testa	8.0	-11179	-937	0	-11180	-4585	0	4.89	V
						8.0	-11179	0	-807	-11179	0	-7110	8.82	V
					Piede	8.0	-12829	544	0	-12828	4856	0	8.92	V
						8.0	-12829	0	590	-12829	0	7539	12.77	V
70	24	158	Piano 1	2	Testa	20.1	-24471	369	0	-24472	10337	0	27.99	V
						20.1	-24471	0	-1259	-24472	0	-18258	14.50	V
					Piede	20.1	-26361	-1066	0	-26362	-10594	0	9.93	V
						20.1	-26361	0	1503	-26361	0	18660	12.42	V
71	24	267	Piano 2	7	Testa	12.1	-15139	-24	0	-15139	-6467	0	275.09	V
						12.1	-15139	0	-727	-15138	0	-9895	13.61	V
					Piede	12.1	-16789	261	0	-16788	6736	0	25.85	V
						12.1	-16789	0	541	-16790	0	10258	18.95	V
72	24	376	Piano 3	7	Testa	8.0	-5421	-87	0	-5421	-3633	0	41.54	V
						8.0	-5421	0	-1045	-5420	0	-5591	5.35	V
					Piede	8.0	-7071	38	0	-7072	3906	0	102.64	V
						8.0	-7071	0	799	-7071	0	6028	7.54	V
73	25	159	Piano 1	2	Testa	20.1	-40536	-4	0	-40535	-12300	0	3014.79	V
						20.1	-40536	0	-1250	-40536	0	-21087	16.86	V
					Piede	20.1	-42426	3748	0	-42425	12498	0	3.33	V
						20.1	-42426	0	1591	-42427	0	21360	13.42	V
74	25	268	Piano 2	7	Testa	12.1	-26859	499	0	-26859	8254	0	16.55	V
						12.1	-26859	0	-727	-26859	0	-12274	16.89	V
					Piede	12.1	-28509	-1360	0	-28510	-8480	0	6.24	V
						12.1	-28509	0	612	-28508	0	12572	20.54	V
75	25	377	Piano 3	7	Testa	8.0	-13197	1591	0	-13196	4917	0	3.09	V
						8.0	-13197	0	-1428	-13197	0	-7633	5.35	V
					Piede	8.0	-14847	-539	0	-14847	-5187	0	9.62	V
						8.0	-14847	0	876	-14846	0	8050	9.19	V
76	25	422	Piano 4	7	Testa	8.0	-4667	917	0	-4667	3508	0	3.82	V
						8.0	-4667	0	-1688	-4667	0	-5392	3.19	V
					Piede	8.0	-4787	904	0	-4786	3527	0	3.90	V
						8.0	-4787	0	-1311	-4787	0	-5423	4.14	V
77	26	160	Piano 1	2	Testa	20.1	-49482	-311	0	-49483	-13177	0	42.37	V
						20.1	-49482	0	-1695	-49482	0	-22347	13.18	V
					Piede	20.1	-51372	-989	0	-51373	-13342	0	13.48	V
						20.1	-51372	0	2176	-51372	0	22602	10.39	V
78	26	269	Piano 2	7	Testa	12.1	-34171	-459	0	-34171	-9210	0	20.05	V

						12.1	-34171	0	-1036	-34171	0	-13523	13.05	V
					Piede	12.1	-35821	785	0	-35822	9410	0	11.99	V
						12.1	-35821	0	774	-35821	0	13779	17.81	V
79	26	378	Piano 3	7	Testa	8.0	-18984	-689	0	-18983	-5855	0	8.50	V
						8.0	-18984	0	-1001	-18984	0	-9053	9.05	V
					Piede	8.0	-20634	528	0	-20634	6111	0	11.57	V
						8.0	-20634	0	992	-20634	0	9437	9.51	V
80	26	423	Piano 4	7	Testa	8.0	-6528	-758	0	-6529	-3816	0	5.03	V
						8.0	-6528	0	-2174	-6528	0	-5884	2.71	V
					Piede	8.0	-7566	315	0	-7566	3988	0	12.68	V
						8.0	-7566	0	1205	-7566	0	6158	5.11	V
81	27	161	Piano 1	2	Testa	20.1	-40984	1105	0	-40985	12348	0	11.17	V
						20.1	-40984	0	-1015	-40984	0	-21152	20.84	V
					Piede	20.1	-42874	-890	0	-42875	-12544	0	14.10	V
						20.1	-42874	0	1092	-42874	0	21424	19.61	V
82	27	270	Piano 2	7	Testa	12.1	-27783	1043	0	-27784	8381	0	8.03	V
						12.1	-27783	0	-675	-27783	0	-12442	18.43	V
					Piede	12.1	-29433	-1153	0	-29433	-8604	0	7.46	V
						12.1	-29433	0	480	-29433	0	12735	26.54	V
83	27	379	Piano 3	7	Testa	8.0	-15345	504	0	-15346	5268	0	10.45	V
						8.0	-15345	0	-759	-15345	0	-8174	10.77	V
					Piede	8.0	-16995	-651	0	-16995	-5537	0	8.50	V
						8.0	-16995	0	674	-16995	0	8578	12.74	V
84	27	424	Piano 4	7	Testa	8.0	-5867	1058	0	-5867	3707	0	3.50	V
						8.0	-5867	0	-1174	-5868	0	-5709	4.86	V
					Piede	8.0	-7385	-942	0	-7385	-3958	0	4.20	V
						8.0	-7385	0	952	-7385	0	6111	6.42	V
85	28	162	Piano 1	3	Testa	24.1	-29617	1450	0	-29617	12945	0	8.93	V
						24.1	-29617	0	-3736	-29616	0	-48742	13.05	V
					Piede	24.1	-33532	-4372	0	-33532	-13583	0	3.11	V
						24.1	-33532	0	-12838	-33532	0	-50860	3.96	V
86	28	271	Piano 2	3	Testa	20.1	-20992	509	0	-20988	10297	0	20.24	V
						20.1	-20992	0	-672	-20992	0	-39459	58.68	V
					Piede	20.1	-24979	-117	0	-24981	-10954	0	94.01	V
						20.1	-24979	0	-1517	-24979	0	-41834	27.57	V
87	28	380	Piano 3	3	Testa	20.1	-11689	325	0	-11691	8759	0	26.95	V
						20.1	-11689	0	-98	-11688	0	-33706	342.72	V
					Piede	20.1	-15676	-271	0	-15672	-9419	0	34.73	V
						20.1	-15676	0	755	-15675	0	36207	47.98	V
88	28	425	Piano 4	3	Testa	20.1	-3217	545	0	-3213	7350	0	13.48	V
						20.1	-3217	0	-891	-3217	0	-28213	31.68	V
					Piede	20.1	-8292	-556	0	-8295	-8195	0	14.75	V
						20.1	-8292	0	549	-8292	0	31533	57.43	V
89	29	163	Piano 1	2	Testa	20.1	-44084	-392	0	-44084	-12667	0	32.35	V
						20.1	-44084	0	-620	-44084	0	-21596	34.84	V
					Piede	20.1	-45974	3945	0	-45974	12852	0	3.26	V
						20.1	-45974	0	1193	-45975	0	21863	18.33	V
90	29	272	Piano 2	7	Testa	12.1	-30886	419	0	-30885	8796	0	20.98	V
						12.1	-30886	0	-452	-30885	0	-12984	28.71	V
					Piede	12.1	-32536	-949	0	-32536	-9007	0	9.49	V
						12.1	-32536	0	288	-32537	0	13259	46.06	V
91	29	381	Piano 3	7	Testa	8.0	-17345	886	0	-17345	5594	0	6.31	V
						8.0	-17345	0	-433	-17346	0	-8663	20.00	V
					Piede	8.0	-18995	-419	0	-18995	-5856	0	13.99	V
						8.0	-18995	0	271	-18996	0	9056	33.36	V
92	29	426	Piano 4	7	Testa	8.0	-8112	611	0	-8111	4078	0	6.68	V
						8.0	-8112	0	228	-8111	0	6302	27.61	V
					Piede	8.0	-8412	376	0	-8411	4128	0	10.98	V
						8.0	-8412	0	-421	-8413	0	-6382	15.18	V

93	30	164	Piano 1	2	Testa	20.1	-56969	-35	0	-56969	-13790	0	398.56	V
						20.1	-56969	0	-920	-56969	0	-23328	25.36	V
					Piede	20.1	-58859	-1314	0	-58859	-13928	0	10.60	V
						20.1	-58859	0	1453	-58859	0	23563	16.22	V
94	30	273	Piano 2	7	Testa	12.1	-40387	-867	0	-40387	-9928	0	11.45	V
						12.1	-40387	0	-442	-40387	0	-14440	32.67	V
					Piede	12.1	-42037	1044	0	-42037	10104	0	9.68	V
						12.1	-42037	0	273	-42037	0	14662	53.69	V
95	30	382	Piano 3	7	Testa	8.0	-24758	-914	0	-24758	-6723	0	7.35	V
						8.0	-24758	0	-446	-24758	0	-10356	23.20	V
					Piede	8.0	-26408	832	0	-26407	6958	0	8.36	V
						8.0	-26408	0	341	-26407	0	10707	31.41	V
96	30	427	Piano 4	7	Testa	8.0	-11350	-1078	0	-11350	-4613	0	4.28	V
						8.0	-11350	0	-199	-11351	0	-7156	35.94	V
					Piede	8.0	-12388	850	0	-12388	4784	0	5.63	V
						8.0	-12388	0	236	-12388	0	7426	31.46	V
97	31	165	Piano 1	2	Testa	20.1	-40328	465	0	-40329	12278	0	26.43	V
						20.1	-40328	0	-664	-40328	0	-21056	31.72	V
					Piede	20.1	-42218	-70	0	-42219	-12477	0	178.93	V
						20.1	-42218	0	1645	-42219	0	21330	12.97	V
98	31	274	Piano 2	7	Testa	12.1	-28937	169	0	-28937	8538	0	50.40	V
						12.1	-28937	0	99	-28936	0	12648	128.08	V
					Piede	12.1	-30587	-283	0	-30586	-8757	0	30.98	V
						12.1	-30587	0	-160	-30586	0	-12933	80.64	V
99	31	383	Piano 3	7	Testa	8.0	-17453	-68	0	-17453	-5611	0	82.93	V
						8.0	-17453	0	255	-17453	0	8688	34.02	V
					Piede	8.0	-19103	1	0	-19102	5873	0	-	V
						8.0	-19103	0	-255	-19103	0	-9081	35.59	V
100	31	428	Piano 4	7	Testa	8.0	-7471	418	0	-7472	3973	0	9.51	V
						8.0	-7471	0	552	-7471	0	6133	11.11	V
					Piede	8.0	-8989	-368	0	-8989	-4224	0	11.49	V
						8.0	-8989	0	-408	-8988	0	-6534	16.01	V
101	32	166	Piano 1	2	Testa	20.1	-36462	433	0	-36462	11850	0	27.39	V
						20.1	-36462	0	197	-36462	0	20488	104.15	V
					Piede	20.1	-38352	-1282	0	-38352	-12063	0	9.41	V
						20.1	-38352	0	50	-38352	0	20767	416.84	V
102	32	275	Piano 2	7	Testa	12.1	-25266	-127	0	-25267	-8029	0	63.12	V
						12.1	-25266	0	846	-25266	0	11979	14.16	V
					Piede	12.1	-26916	276	0	-26916	8262	0	29.95	V
						12.1	-26916	0	-1054	-26916	0	-12285	11.65	V
103	32	384	Piano 3	7	Testa	8.0	-14334	-139	0	-14334	-5103	0	36.79	V
						8.0	-14334	0	768	-14335	0	7921	10.32	V
					Piede	8.0	-15984	101	0	-15984	5372	0	53.20	V
						8.0	-15984	0	-820	-15984	0	-8331	10.16	V
104	32	429	Piano 4	7	Testa	8.0	-5834	47	0	-5833	3701	0	79.35	V
						8.0	-5834	0	802	-5835	0	5701	7.11	V
					Piede	8.0	-7934	-89	0	-7933	-4049	0	45.74	V
						8.0	-7934	0	-676	-7934	0	-6256	9.25	V
105	33	167	Piano 1	2	Testa	20.1	-48846	131	0	-48846	13119	0	100.45	V
						20.1	-48846	0	-899	-48846	0	-22260	24.76	V
					Piede	20.1	-50736	3812	0	-50736	13287	0	3.49	V
						20.1	-50736	0	-107	-50736	0	-22516	209.88	V
106	33	276	Piano 2	7	Testa	12.1	-33696	524	0	-33696	9152	0	17.48	V
						12.1	-33696	0	-1043	-33696	0	-13447	12.89	V
					Piede	12.1	-35346	-1297	0	-35346	-9353	0	7.21	V
						12.1	-35346	0	1145	-35346	0	13706	11.97	V
107	33	385	Piano 3	7	Testa	8.0	-18947	1368	0	-18946	5849	0	4.27	V
						8.0	-18947	0	-576	-18947	0	-9044	15.71	V

					Piede	8.0	-20597	-591	0	-20597	-6105	0	10.33	V
						8.0	-20597	0	550	-20597	0	9428	17.15	V
108	33	430	Piano 4	7	Testa	8.0	-8882	808	0	-8883	4206	0	5.20	V
						8.0	-8882	0	-958	-8882	0	-6506	6.79	V
					Piede	8.0	-9182	573	0	-9183	4256	0	7.42	V
						8.0	-9182	0	510	-9182	0	6585	12.92	V
109	34	168	Piano 1	2	Testa	20.1	-57418	10	0	-57418	13824	0	1361.93	V
						20.1	-57418	0	-949	-57419	0	-23385	24.63	V
					Piede	20.1	-59308	-1645	0	-59308	-13960	0	8.49	V
						20.1	-59308	0	393	-59307	0	23618	60.08	V
110	34	277	Piano 2	7	Testa	12.1	-40851	-684	0	-40850	-9978	0	14.59	V
						12.1	-40851	0	-752	-40852	0	-14504	19.29	V
					Piede	12.1	-42501	1067	0	-42501	10153	0	9.52	V
						12.1	-42501	0	759	-42501	0	14723	19.40	V
111	34	386	Piano 3	7	Testa	8.0	-24678	-547	0	-24678	-6712	0	12.28	V
						8.0	-24678	0	-319	-24679	0	-10339	32.36	V
					Piede	8.0	-26328	498	0	-26328	6946	0	13.96	V
						8.0	-26328	0	353	-26329	0	10690	30.32	V
112	34	431	Piano 4	7	Testa	8.0	-11030	-990	0	-11029	-4560	0	4.61	V
						8.0	-11030	0	-422	-11031	0	-7072	16.74	V
					Piede	8.0	-12068	609	0	-12067	4731	0	7.76	V
						8.0	-12068	0	311	-12069	0	7343	23.63	V
113	35	169	Piano 1	3	Testa	24.1	-50240	598	0	-50239	16153	0	27.03	V
						24.1	-50240	0	-225	-50240	0	-59312	263.44	V
					Piede	24.1	-54155	86	0	-54156	16717	0	193.37	V
						24.1	-54155	0	-1289	-54155	0	-61059	47.38	V
114	35	278	Piano 2	3	Testa	20.1	-37143	438	0	-37144	12930	0	29.53	V
						20.1	-37143	0	-698	-37142	0	-48746	69.80	V
					Piede	20.1	-41130	-382	0	-41129	-13553	0	35.45	V
						20.1	-41130	0	174	-41130	0	50902	292.24	V
115	35	387	Piano 3	3	Testa	20.1	-23070	-199	0	-23071	-10640	0	53.49	V
						20.1	-23070	0	-177	-23071	0	-40704	230.33	V
					Piede	20.1	-27058	-157	0	-27061	-11295	0	71.78	V
						20.1	-27058	0	-781	-27058	0	-43051	55.14	V
116	35	432	Piano 4	3	Testa	20.1	-9277	987	0	-9277	8359	0	8.47	V
						20.1	-9277	0	270	-9277	0	32167	119.27	V
					Piede	20.1	-12945	-723	0	-12947	-8968	0	12.40	V
						20.1	-12945	0	128	-12944	0	34500	268.71	V
117	36	170	Piano 1	2	Testa	20.1	-33145	29	0	-33144	11459	0	393.52	V
						20.1	-33145	0	-324	-33145	0	-19991	61.79	V
					Piede	20.1	-35035	-684	0	-35034	-11684	0	17.07	V
						20.1	-35035	0	528	-35035	0	20275	38.38	V
118	36	279	Piano 2	2	Testa	20.1	-23484	-489	0	-23484	-10200	0	20.87	V
						20.1	-23484	0	605	-23484	0	18043	29.83	V
					Piede	20.1	-25410	626	0	-25410	10465	0	16.71	V
						20.1	-25410	0	-779	-25410	0	-18459	23.70	V
119	36	388	Piano 3	7	Testa	8.0	-13480	-232	0	-13480	-4963	0	21.40	V
						8.0	-13480	0	385	-13480	0	7706	20.04	V
					Piede	8.0	-15130	312	0	-15131	5233	0	16.76	V
						8.0	-15130	0	-467	-15130	0	-8120	17.37	V
120	36	433	Piano 4	7	Testa	8.0	-5210	-108	0	-5208	-3598	0	33.18	V
						8.0	-5210	0	483	-5210	0	5535	11.47	V
					Piede	8.0	-7310	-10	0	-7310	-3946	0	408.90	V
						8.0	-7310	0	-348	-7309	0	-6091	17.52	V
121	37	171	Piano 1	4	Testa	12.1	-23915	135	0	-23915	7488	0	55.54	V
						12.1	-23915	0	-125	-23916	0	-7058	56.30	V
					Piede	12.1	-24995	402	0	-24995	7614	0	18.93	V
						12.1	-24995	0	251	-24995	0	7157	28.55	V
122	37	280	Piano 4	4	Testa	12.1	-15644	264	0	-15644	6390	0	24.25	V

			o 2											
						12.1	-15644	0	-7	-15643	0	-6172	899.68	V
					Piede	12.1	-16744	-323	0	-16744	-6549	0	20.28	V
						12.1	-16744	0	27	-16744	0	6303	236.61	V
123	37	389	Piano 3	4	Testa	12.1	-9104	45	0	-9103	5362	0	118.94	V
						12.1	-9104	0	139	-9103	0	5306	38.22	V
					Piede	12.1	-10204	-159	0	-10204	-5541	0	34.86	V
						12.1	-10204	0	-104	-10203	0	-5462	52.54	V
124	37	434	Piano 4	4	Testa	12.1	-3625	377	0	-3624	4468	0	11.85	V
						12.1	-3625	0	126	-3625	0	4468	35.47	V
					Piede	12.1	-4725	-275	0	-4725	-4648	0	16.91	V
						12.1	-4725	0	-153	-4724	0	-4645	30.36	V
125	38	172	Piano 1	4	Testa	12.1	-20989	26	0	-20990	7126	0	273.13	V
						12.1	-20989	0	-357	-20988	0	-6771	18.96	V
					Piede	12.1	-22069	-624	0	-22070	-7263	0	11.64	V
						12.1	-22069	0	487	-22069	0	6881	14.14	V
126	38	281	Piano 2	4	Testa	12.1	-13322	-420	0	-13322	-6040	0	14.39	V
						12.1	-13322	0	-34	-13323	0	-5881	171.27	V
					Piede	12.1	-14422	489	0	-14422	6208	0	12.69	V
						12.1	-14422	0	86	-14423	0	6021	69.69	V
127	38	390	Piano 3	4	Testa	12.1	-7291	-272	0	-7291	-5067	0	18.66	V
						12.1	-7291	0	166	-7291	0	5041	30.35	V
					Piede	12.1	-8391	321	0	-8392	5246	0	16.35	V
						12.1	-8391	0	-122	-8390	0	-5203	42.67	V
128	38	435	Piano 4	4	Testa	12.1	-2683	-201	0	-2684	-4314	0	21.43	V
						12.1	-2683	0	145	-2683	0	4315	29.71	V
					Piede	12.1	-4083	94	0	-4084	4543	0	48.38	V
						12.1	-4083	0	-154	-4084	0	-4542	29.57	V
129	39	173	Piano 1	2	Testa	20.1	-33023	-51	0	-33023	-11445	0	226.22	V
						20.1	-33023	0	584	-33024	0	19973	34.20	V
					Piede	20.1	-34913	4104	0	-34913	11670	0	2.84	V
						20.1	-34913	0	4380	-34913	0	20257	4.63	V
130	39	282	Piano 2	7	Testa	12.1	-22599	978	0	-22599	7641	0	7.82	V
						12.1	-22599	0	1081	-22599	0	11464	10.61	V
					Piede	12.1	-24249	-1498	0	-24250	-7883	0	5.26	V
						12.1	-24249	0	-1602	-24249	0	-11785	7.35	V
131	39	391	Piano 3	7	Testa	8.0	-11601	920	0	-11602	4654	0	5.06	V
						8.0	-11601	0	1531	-11602	0	7222	4.72	V
					Piede	8.0	-13251	-817	0	-13250	-4925	0	6.03	V
						8.0	-13251	0	-1467	-13252	0	-7647	5.21	V
132	39	436	Piano 4	7	Testa	8.0	-5363	618	0	-5363	3623	0	5.86	V
						8.0	-5363	0	1510	-5363	0	5576	3.69	V
					Piede	8.0	-5663	445	0	-5665	3673	0	8.25	V
						8.0	-5663	0	-191	-5663	0	-5655	29.61	V
133	40	174	Piano 1	2	Testa	20.1	-47009	-388	0	-47009	-12950	0	33.39	V
						20.1	-47009	0	227	-47009	0	22007	97.13	V
					Piede	20.1	-48899	-1179	0	-48899	-13124	0	11.14	V
						20.1	-48899	0	3441	-48898	0	22267	6.47	V
134	40	283	Piano 2	2	Testa	12.1	-32318	-1560	0	-32317	-9148	0	5.86	V
						12.1	-32318	0	1696	-32317	0	15967	9.41	V
					Piede	12.1	-34243	1755	0	-34243	9409	0	5.36	V
						12.1	-34243	0	-2186	-34242	0	-16374	7.49	V
135	40	392	Piano 3	7	Testa	8.0	-18343	-1096	0	-18343	-5754	0	5.25	V
						8.0	-18343	0	1137	-18343	0	8901	7.83	V
					Piede	8.0	-19993	1140	0	-19992	6012	0	5.27	V
						8.0	-19993	0	-1277	-19992	0	-9289	7.27	V
136	40	437	Piano 4	7	Testa	8.0	-8153	-1136	0	-8152	-4085	0	3.60	V
						8.0	-8153	0	1918	-8153	0	6313	3.29	V
					Piede	8.0	-9191	876	0	-9190	4257	0	4.86	V

						8.0	-9191	0	-1411	-9192	0	-6587	4.67	V
137	41	175	Piano 1	2	Testa	20.1	-24887	231	0	-24887	10394	0	45.08	V
						20.1	-24887	0	-370	-24887	0	-18347	49.56	V
					Piede	20.1	-26777	267	0	-26777	10649	0	39.88	V
						20.1	-26777	0	1734	-26778	0	18746	10.81	V
138	41	284	Piano 2	7	Testa	12.1	-18853	12	0	-18853	7067	0	592.91	V
						12.1	-18853	0	199	-18852	0	10700	53.80	V
					Piede	12.1	-20503	-127	0	-20503	-7324	0	57.56	V
						12.1	-20503	0	-251	-20502	0	-11042	44.05	V
139	41	393	Piano 3	7	Testa	8.0	-11151	-244	0	-11151	-4580	0	18.77	V
						8.0	-11151	0	360	-11152	0	7103	19.76	V
					Piede	8.0	-12801	120	0	-12801	4852	0	40.36	V
						8.0	-12801	0	-401	-12800	0	-7532	18.78	V
140	41	438	Piano 4	7	Testa	8.0	-4617	309	0	-4618	3499	0	11.34	V
						8.0	-4617	0	752	-4618	0	5379	7.15	V
					Piede	8.0	-6135	-258	0	-6135	-3751	0	14.53	V
						8.0	-6135	0	-552	-6134	0	-5780	10.47	V
141	42	176	Piano 1	2	Testa	20.1	-17952	131	0	-17953	9397	0	71.61	V
						20.1	-17952	0	-991	-17953	0	-16780	16.93	V
					Piede	20.1	-19842	-1014	0	-19842	-9678	0	9.55	V
						20.1	-19842	0	2554	-19842	0	17223	6.74	V
142	42	285	Piano 2	7	Testa	12.1	-13808	-465	0	-13809	-6250	0	13.43	V
						12.1	-13808	0	181	-13809	0	9596	53.03	V
					Piede	12.1	-15458	587	0	-15459	6519	0	11.12	V
						12.1	-15458	0	-333	-15457	0	-9966	29.89	V
143	42	394	Piano 3	7	Testa	12.1	-7876	-340	0	-7878	-5276	0	15.54	V
						12.1	-7876	0	386	-7876	0	8186	21.19	V
					Piede	12.1	-9526	345	0	-9525	5547	0	16.06	V
						12.1	-9526	0	-390	-9525	0	-8590	22.01	V
144	42	439	Piano 4	7	Testa	12.1	-2645	-69	0	-2646	-4412	0	64.03	V
						12.1	-2645	0	574	-2645	0	6844	11.93	V
					Piede	12.1	-4745	-30	0	-4745	-4759	0	157.02	V
						12.1	-4745	0	-418	-4745	0	-7394	17.69	V

4.2.2.1.1.2 Capacità Deformazione - PGA SLC = 0.0000 g.

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;
Num. Sez.	: sezione di verifica;
Num. CC	: numero della combinazione di carico;
Nsd	: Sforzo Normale Sollecitante;
Msd	: Momento Flettente;
Lv	: luce di taglio;
L_pl	: lunghezza di cerniera plastica;
Φ_y	: curvatura a snervamento;
Φ_u	: curvatura ultima;
θ_y	: capacità di rotazione totale rispetto alla corda a snervamento;
Domanda	: domanda di rotazione;
θ_u	: capacità di rotazione rispetto alla corda in condizioni di collasso;
S	: valore del coefficiente di sicurezza minimo della sezione;
Esito	: Esito della verifica : V = VERIFICATA;
	: NV = NON VERIFICATA;

Tabella 83.I

Pilastr o	Ast a	Imp .	Filo	Tip o	Pos.	Dir.	Nu m.	Nu m.	Nsd [daN]	Msd [daNm]	Lv [cm]	L_pl [cm]	Φ_y [rad/cm]	Φ_u [rad/cm]	θ_y [rad]	Domanda [rad]	θ_u [rad]	S	Esit o
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Relazione di calcolo

1	135	Piano 1	1	2	Testa	X	1	1	-26721	-217	10	34	0.00005	0.00044	0.00971	0.00014	0.00550	40.18	V
						Y	1	1	-26721	1163	330	71	0.00005	0.00044	0.00751	0.00003	0.01830	576.27	V
					Piede	X	2	1	-28611	-3190	320	65	0.00005	0.00041	0.00726	0.00004	0.01626	421.13	V
						Y	2	1	-28611	3290	330	71	0.00005	0.00041	0.00759	0.00003	0.01750	551.14	V
2	244	Piano 2	1	7	Testa	X	1	1	-16144	-976	145	47	0.00004	0.00075	0.00451	0.00000	0.01839	-	V
						Y	1	1	-16144	1082	159	52	0.00004	0.00075	0.00490	0.00001	0.02020	1602.86	V
					Piede	X	2	1	-17794	1361	190	52	0.00004	0.00072	0.00509	0.00002	0.02012	819.77	V
						Y	2	1	-17794	-1231	176	54	0.00004	0.00072	0.00514	0.00002	0.02048	1231.03	V
3	353	Piano 3	1	7	Testa	X	1	1	-5405	-839	165	49	0.00004	0.00098	0.00427	0.00000	0.02488	-	V
						Y	1	1	-5405	1096	168	53	0.00004	0.00098	0.00453	0.00001	0.02648	2275.01	V
					Piede	X	2	1	-7055	868	170	50	0.00004	0.00094	0.00438	0.00000	0.02430	-	V
						Y	2	1	-7055	-1082	167	53	0.00004	0.00094	0.00458	0.00001	0.02544	2257.96	V
4	136	Piano 1	2	2	Testa	X	1	1	-38513	-27	35	36	0.00005	0.00033	0.00483	0.00008	0.00548	65.10	V
						Y	1	1	-38513	1385	330	71	0.00005	0.00033	0.00806	0.00003	0.01442	432.39	V
					Piede	X	2	1	-40403	1318	295	62	0.00005	0.00031	0.00738	0.00002	0.01243	702.43	V
						Y	2	1	-40403	2561	330	71	0.00005	0.00031	0.00814	0.00003	0.01399	419.30	V
6	354	Piano 3	2	7	Testa	X	1	1	-8619	887	171	50	0.00004	0.00086	0.00454	0.00000	0.02251	8293.24	V
						Y	1	1	-8619	1361	177	54	0.00004	0.00086	0.00482	0.00001	0.02408	1916.32	V
					Piede	X	2	1	-10269	-840	164	49	0.00004	0.00084	0.00452	0.00000	0.02146	-	V
						Y	2	1	-10269	-1189	158	52	0.00004	0.00084	0.00471	0.00001	0.02233	2828.69	V
7	137	Piano 1	3	2	Testa	X	1	1	-14508	-719	144	47	0.00004	0.00068	0.00446	0.00003	0.01685	545.52	V
						Y	1	1	-14508	755	330	71	0.00004	0.00068	0.00693	0.00003	0.02685	981.18	V
					Piede	X	2	1	-16398	977	186	51	0.00004	0.00063	0.00497	0.00002	0.01748	994.18	V
						Y	2	1	-16398	2685	330	71	0.00004	0.00063	0.00702	0.00003	0.02495	911.54	V
9	355	Piano 3	3	7	Testa	X	1	1	-2565	-1	52	38	0.00003	0.00104	0.00388	0.00000	0.01603	8389.70	V
						Y	1	1	-2565	731	169	53	0.00003	0.00104	0.00442	0.00001	0.02818	4283.99	V
					Piede	X	2	1	-4215	14	283	61	0.00004	0.00101	0.00541	0.00000	0.03310	-	V
						Y	2	1	-4215	-715	166	53	0.00004	0.00101	0.00446	0.00001	0.02700	4387.04	V
10	138	Piano 1	4	2	Testa	X	1	1	-39652	-287	1	33	0.00005	0.00032	0.00612	0.00013	0.03407	255.51	V
						Y	1	1	-39652	-16	25	41	0.00005	0.00032	0.00786	0.00004	0.00567	133.30	V
					Piede	X	2	1	-41542	-2989	329	66	0.00005	0.00031	0.00800	0.00004	0.01303	368.58	V
						Y	2	1	-41542	-1026	305	68	0.00005	0.00031	0.00779	0.00003	0.01314	519.53	V
12	356	Piano 3	4	7	Testa	X	1	1	-9162	-1077	211	54	0.00004	0.00090	0.00490	0.00002	0.02565	1222.32	V
						Y	1	1	-9162	-1118	179	54	0.00004	0.00090	0.00478	0.00001	0.02508	3218.32	V
					Piede	X	2	1	-10812	560	124	45	0.00004	0.00086	0.00410	0.00001	0.01956	1854.89	V
						Y	2	1	-10812	940	156	52	0.00004	0.00086	0.00463	0.00001	0.02274	1801.94	V
13	139	Piano 1	5	2	Testa	X	1	1	-45823	18	26	36	0.00005	0.00028	0.00551	0.00009	0.00460	52.50	V
						Y	1	1	-45823	-46	15	40	0.00005	0.00028	0.01156	0.00004	0.00655	148.94	V
					Piede	X	2	1	-47713	1336	304	63	0.00005	0.00027	0.00786	0.00002	0.01142	641.71	V
						Y	2	1	-47713	-916	315	70	0.00005	0.00027	0.00825	0.00003	0.01227	436.60	V
14	248	Piano 2	5	7	Testa	X	1	1	-28586	498	127	46	0.00005	0.00045	0.00466	0.00002	0.01114	554.27	V
						Y	1	1	-28586	-1049	150	51	0.00005	0.00045	0.00521	0.00001	0.01262	1025.47	V
					Piede	X	2	1	-30236	-916	208	54	0.00005	0.00042	0.00581	0.00001	0.01324	2458.15	V
						Y	2	1	-30236	1348	185	55	0.00005	0.00042	0.00568	0.00000	0.01314	3133.71	V
15	357	Piano 3	5	7	Testa	X	1	1	-11941	894	206	53	0.00004	0.00084	0.00496	0.00000	0.02383	8818.39	V
						Y	1	1	-11941	-1273	182	55	0.00004	0.00084	0.00492	0.00001	0.02373	4336.92	V
					Piede	X	2	1	-13591	-506	129	46	0.00004	0.00080	0.00423	0.00002	0.01871	891.69	V
						Y	2	1	-13591	1029	153	52	0.00004	0.00080	0.00471	0.00001	0.02122	1754.26	V
16	140	Piano 1	6	2	Testa	X	1	1	-26191	-292	93	42	0.00005	0.00044	0.00424	0.00005	0.00977	212.39	V
						Y	1	1	-26191	168	68	45	0.00005	0.00044	0.00501	0.00003	0.00963	276.55	V
					Piede	X	2	1	-28081	957	237	57	0.00005	0.00042	0.00602	0.00001	0.01397	1193.44	V
						Y	2	1	-28081	-1051	262	64	0.00005	0.00042	0.00660	0.00002	0.01567	773.65	V
18	358	Piano 3	6	7	Testa	X	1	1	-5471	142	217	55	0.00004	0.00098	0.00478	0.00000	0.02817	5854.09	V
						Y	1	1	-5471	-687	178	54	0.00004	0.00098	0.00461	0.00000	0.02711	6401.76	V
					Piede	X	2	1	-7121	-67	118	45	0.00004	0.00094	0.00394	0.00001	0.02079	2214.48	V
						Y	2	1	-7121	586	157	52	0.00004	0.00094	0.00451	0.00001	0.02474	3553.36	V
19	141	Piano 1	7	2	Testa	X	1	1	-34852	-254	5	33	0.00005	0.00035	0.01801	0.00013	0.01021	77.58	V
						Y	1	1	-34852	818	169	55	0.00005	0.00035	0.00561	0.00002	0.01111	491.21	V
					Piede	X	2	1	-36742	-2989	325	65	0.00005	0.00034	0.00772	0.00004	0.01398	394.32	V
						Y	2	1	-36742	-787	161	54	0.00005	0.00034	0.00557	0.00002	0.01050	450.32	V
21	359	Piano 7	7	7	Testa	X	1	1	-7984	-1087	214	54	0.00004	0.00092	0.00488	0.00002	0.02651	1170.9	V

Relazione di calcolo

		o 3				Y	1	1	-7984	-161	176	54	0.00004	0.00092	0.00470	0.00001	0.02552	2669.21	V
					Piede	X	2	1	-9634	537	121	45	0.00004	0.00089	0.00404	0.00001	0.01987	1827.20	V
						Y	2	1	-9634	142	159	52	0.00004	0.00089	0.00462	0.00001	0.02356	2340.17	V
22	142	Piano 1	8	2	Testa	X	1	1	-41214	7	28	36	0.00005	0.00031	0.00527	0.00008	0.00491	57.93	V
						Y	1	1	-41214	1080	161	54	0.00005	0.00031	0.00568	0.00003	0.00973	372.44	V
					Piede	X	2	1	-43104	1332	302	63	0.00005	0.00030	0.00761	0.00002	0.01210	763.89	V
						Y	2	1	-43104	-1167	169	55	0.00005	0.00030	0.00583	0.00002	0.00964	387.47	V
23	251	Piano 2	8	7	Testa	X	1	1	-25977	476	126	45	0.00005	0.00049	0.00458	0.00002	0.01204	576.68	V
						Y	1	1	-25977	-23	60	42	0.00005	0.00049	0.00487	0.00001	0.00969	1002.71	V
					Piede	X	2	1	-27627	-890	209	54	0.00005	0.00046	0.00572	0.00000	0.01432	3242.10	V
						Y	2	1	-27627	190	275	64	0.00005	0.00046	0.00683	0.00001	0.01720	3340.90	V
24	360	Piano 3	8	7	Testa	X	1	1	-10704	894	207	54	0.00004	0.00086	0.00492	0.00000	0.02456	-	V
						Y	1	1	-10704	105	203	57	0.00004	0.00086	0.00507	0.00001	0.02563	2949.63	V
					Piede	X	2	1	-12354	-497	128	46	0.00004	0.00083	0.00418	0.00002	0.01917	848.50	V
						Y	2	1	-12354	-62	132	49	0.00004	0.00083	0.00451	0.00001	0.02052	2731.58	V
25	143	Piano 1	9	2	Testa	X	1	1	-22609	-297	94	42	0.00005	0.00050	0.00418	0.00004	0.01077	243.96	V
						Y	1	1	-22609	644	167	55	0.00005	0.00050	0.00526	0.00002	0.01470	717.78	V
					Piede	X	2	1	-24499	956	236	57	0.00005	0.00047	0.00589	0.00001	0.01524	1497.56	V
						Y	2	1	-24499	-647	163	54	0.00005	0.00047	0.00528	0.00002	0.01383	670.73	V
28	144	Piano 1	10	2	Testa	X	1	1	-35948	145	42	37	0.00005	0.00034	0.00457	0.00011	0.00604	56.72	V
						Y	1	1	-35948	638	156	54	0.00005	0.00034	0.00549	0.00002	0.01054	506.50	V
					Piede	X	2	1	-37838	-3126	288	62	0.00005	0.00033	0.00717	0.00005	0.01280	272.22	V
						Y	2	1	-37838	-745	174	55	0.00005	0.00033	0.00575	0.00002	0.01063	553.32	V
30	362	Piano 3	10	7	Testa	X	1	1	-8351	-800	203	53	0.00004	0.00091	0.00478	0.00002	0.02565	1635.16	V
						Y	1	1	-8351	-203	182	54	0.00004	0.00091	0.00476	0.00001	0.02567	2804.62	V
					Piede	X	2	1	-10001	471	132	46	0.00004	0.00088	0.00414	0.00000	0.02043	4655.44	V
						Y	2	1	-10001	165	153	52	0.00004	0.00088	0.00459	0.00001	0.02302	2262.57	V
31	145	Piano 1	11	2	Testa	X	1	1	-45493	-227	69	40	0.00005	0.00028	0.00443	0.00007	0.00618	94.51	V
						Y	1	1	-45493	742	155	54	0.00005	0.00028	0.00571	0.00002	0.00898	368.36	V
					Piede	X	2	1	-47383	1346	261	59	0.00005	0.00027	0.00711	0.00001	0.01051	1355.28	V
						Y	2	1	-47383	-884	175	56	0.00005	0.00027	0.00603	0.00002	0.00921	414.59	V
37	147	Piano 1	13	2	Testa	X	1	1	-35497	-265	4	33	0.00005	0.00035	0.02255	0.00014	0.01278	93.29	V
						Y	1	1	-35497	532	173	55	0.00005	0.00035	0.00567	0.00002	0.01107	659.31	V
					Piede	X	2	1	-37387	-2994	326	66	0.00005	0.00033	0.00776	0.00003	0.01386	449.20	V
						Y	2	1	-37387	-493	157	54	0.00005	0.00033	0.00554	0.00002	0.01029	582.78	V
39	365	Piano 3	13	7	Testa	X	1	1	-8153	-1099	216	55	0.00004	0.00092	0.00490	0.00003	0.02652	844.88	V
						Y	1	1	-8153	-213	182	54	0.00004	0.00092	0.00476	0.00001	0.02579	2847.66	V
					Piede	X	2	1	-9803	527	119	45	0.00004	0.00088	0.00403	0.00000	0.01967	5624.68	V
						Y	2	1	-9803	173	153	52	0.00004	0.00088	0.00458	0.00001	0.02311	2280.60	V
40	148	Piano 1	14	2	Testa	X	1	1	-41774	12	28	36	0.00005	0.00030	0.00535	0.00008	0.00483	60.76	V
						Y	1	1	-41774	423	181	56	0.00005	0.00030	0.00596	0.00002	0.01014	499.09	V
					Piede	X	2	1	-43664	1294	303	63	0.00005	0.00029	0.00765	0.00001	0.01202	985.79	V
						Y	2	1	-43664	-347	149	53	0.00005	0.00029	0.00560	0.00002	0.00908	416.24	V
41	257	Piano 2	14	7	Testa	X	1	1	-26277	472	125	45	0.00005	0.00049	0.00458	0.00003	0.01187	420.87	V
						Y	1	1	-26277	-246	141	50	0.00005	0.00049	0.00505	0.00001	0.01322	2362.56	V
					Piede	X	2	1	-27927	-900	210	54	0.00005	0.00046	0.00575	0.00000	0.01423	6750.71	V
						Y	2	1	-27927	361	194	56	0.00005	0.00046	0.00571	0.00000	0.01436	5811.51	V
42	366	Piano 3	14	7	Testa	X	1	1	-10890	914	206	54	0.00004	0.00086	0.00493	0.00001	0.02444	3715.78	V
						Y	1	1	-10890	-402	182	55	0.00004	0.00086	0.00488	0.00001	0.02431	3887.63	V
					Piede	X	2	1	-12540	-511	129	46	0.00004	0.00082	0.00419	0.00003	0.01910	612.47	V
						Y	2	1	-12540	323	153	52	0.00004	0.00082	0.00467	0.00001	0.02171	2587.75	V
43	149	Piano 1	15	2	Testa	X	1	1	-23174	-294	95	42	0.00005	0.00049	0.00420	0.00004	0.01063	269.43	V
						Y	1	1	-23174	564	162	54	0.00005	0.00049	0.00524	0.00002	0.01431	860.84	V
					Piede	X	2	1	-25064	937	235	56	0.00005	0.00046	0.00590	0.00001	0.01500	2348.70	V
						Y	2	1	-25064	-606	168	55	0.00005	0.00046	0.00534	0.00002	0.01377	853.87	V
46	150	Piano 1	16	2	Testa	X	0	0	0	0	0	-	-	-	-	0.00000	0.00000	1000.00	V
						Y	1	1	-35848	471	159	54	0.00005	0.00035	0.00552	0.00001	0.01061	725.21	V
					Piede	X	2	1	-37738	-3024	330	66	0.00005	0.00033	0.00784	0.00003	0.01386	532.56	V
						Y	2	1	-37738	-539	171	55	0.00005	0.00033	0.00572	0.00001	0.01059	772.53	V
48	368	Piano 3	16	7	Testa	X	1	1	-8200	-1140	221	55	0.00004	0.00092	0.00496	0.00004	0.02679	638.35	V

						Y	1	1	-8200	-180	175	54	0.00004	0.00092	0.00470	0.00001	0.02534	2683.54	V
					Piede	X	2	1	-9850	503	114	44	0.00004	0.00088	0.00400	0.00000	0.01931	6236.72	V
						Y	2	1	-9850	162	160	52	0.00004	0.00088	0.00464	0.00001	0.02351	2363.36	V
49	151	Piano 1	17	2	Testa	X	1	1	-41694	28	24	35	0.00005	0.00030	0.00571	0.00008	0.00457	58.78	V
						Y	1	1	-41694	535	156	54	0.00005	0.00030	0.00564	0.00002	0.00955	501.35	V
					Piede	X	2	1	-43584	1293	306	64	0.00005	0.00029	0.00771	0.00001	0.01212	1258.89	V
						Y	2	1	-43584	-628	174	55	0.00005	0.00029	0.00590	0.00002	0.00969	548.12	V
50	260	Piano 2	17	7	Testa	X	1	1	-26122	434	119	45	0.00005	0.00049	0.00451	0.00004	0.01170	327.30	V
						Y	1	1	-26122	-103	113	48	0.00005	0.00049	0.00480	0.00000	0.01220	2466.33	V
					Piede	X	2	1	-27772	-912	216	55	0.00005	0.00046	0.00583	0.00001	0.01449	2198.73	V
						Y	2	1	-27772	237	222	58	0.00005	0.00046	0.00608	0.00000	0.01536	-	V
51	369	Piano 3	17	7	Testa	X	1	1	-10768	937	208	54	0.00004	0.00086	0.00494	0.00002	0.02458	1556.48	V
						Y	1	1	-10768	-172	174	54	0.00004	0.00086	0.00479	0.00001	0.02387	3412.08	V
					Piede	X	2	1	-12418	-512	127	46	0.00004	0.00083	0.00417	0.00004	0.01907	457.46	V
						Y	2	1	-12418	157	161	52	0.00004	0.00083	0.00474	0.00001	0.02228	3010.96	V
52	152	Piano 1	18	2	Testa	X	1	1	-23713	-283	89	42	0.00005	0.00048	0.00417	0.00004	0.01024	257.10	V
						Y	1	1	-23713	535	155	54	0.00005	0.00048	0.00518	0.00002	0.01382	903.54	V
					Piede	X	2	1	-25603	1011	241	57	0.00005	0.00045	0.00599	0.00000	0.01496	6262.65	V
						Y	2	1	-25603	-642	175	56	0.00005	0.00045	0.00543	0.00001	0.01384	1010.09	V
55	153	Piano 1	19	2	Testa	X	1	1	-35647	-297	1	33	0.00005	0.00035	0.05616	0.00015	0.03183	206.96	V
						Y	1	1	-35647	516	147	53	0.00005	0.00035	0.00538	0.00001	0.01033	834.17	V
					Piede	X	2	1	-37537	-3105	329	66	0.00005	0.00033	0.00781	0.00002	0.01388	647.67	V
						Y	2	1	-37537	-700	183	56	0.00005	0.00033	0.00586	0.00001	0.01094	1151.93	V
57	371	Piano 3	19	7	Testa	X	1	1	-8143	-1153	223	55	0.00004	0.00092	0.00498	0.00005	0.02696	541.96	V
						Y	1	1	-8143	-96	162	52	0.00004	0.00092	0.00459	0.00001	0.02453	2416.29	V
					Piede	X	2	1	-9793	488	112	44	0.00004	0.00088	0.00398	0.00001	0.01918	2086.79	V
						Y	2	1	-9793	104	173	54	0.00004	0.00088	0.00475	0.00001	0.02436	2454.31	V
58	154	Piano 1	20	2	Testa	X	1	1	-41432	22	25	35	0.00005	0.00031	0.00555	0.00007	0.00469	65.35	V
						Y	1	1	-41432	655	149	53	0.00005	0.00031	0.00554	0.00002	0.00940	548.80	V
					Piede	X	2	1	-43322	1296	305	63	0.00005	0.00029	0.00767	0.00000	0.01213	3131.66	V
						Y	2	1	-43322	-856	181	56	0.00005	0.00029	0.00600	0.00001	0.00990	709.55	V
59	263	Piano 2	20	7	Testa	X	1	1	-25914	426	118	45	0.00005	0.00050	0.00449	0.00004	0.01174	276.12	V
						Y	1	1	-25914	48	335	70	0.00005	0.00050	0.00762	0.00000	0.02020	-	V
					Piede	X	2	1	-27564	-911	217	55	0.00005	0.00047	0.00584	0.00001	0.01462	1132.44	V
						Y	2	1	-27564	82	335	70	0.00005	0.00047	0.00772	0.00000	0.01918	-	V
60	372	Piano 3	20	7	Testa	X	1	1	-10634	936	208	54	0.00004	0.00086	0.00493	0.00002	0.02465	1055.78	V
						Y	1	1	-10634	-63	182	55	0.00004	0.00086	0.00486	0.00001	0.02442	3418.01	V
					Piede	X	2	1	-12284	-513	127	46	0.00004	0.00083	0.00417	0.00005	0.01914	389.44	V
						Y	2	1	-12284	51	153	52	0.00004	0.00083	0.00467	0.00001	0.02187	2928.32	V
61	155	Piano 1	21	2	Testa	X	1	1	-23372	-302	90	42	0.00005	0.00049	0.00417	0.00004	0.01037	293.75	V
						Y	1	1	-23372	718	139	52	0.00005	0.00049	0.00503	0.00002	0.01339	845.02	V
					Piede	X	2	1	-25262	1059	240	57	0.00005	0.00046	0.00597	0.00000	0.01507	4107.19	V
						Y	2	1	-25262	-1075	191	57	0.00005	0.00046	0.00560	0.00001	0.01448	1439.34	V
64	156	Piano 1	22	2	Testa	X	1	1	-35972	-252	8	34	0.00005	0.00034	0.01229	0.00017	0.00697	41.60	V
						Y	1	1	-35972	916	147	53	0.00005	0.00034	0.00539	0.00001	0.01028	1033.85	V
					Piede	X	2	1	-37862	-3305	322	65	0.00005	0.00033	0.00772	0.00002	0.01365	865.67	V
						Y	2	1	-37862	-1218	183	56	0.00005	0.00033	0.00587	0.00001	0.01087	2141.97	V
66	374	Piano 3	22	7	Testa	X	1	1	-8174	-1219	227	56	0.00004	0.00092	0.00503	0.00006	0.02717	488.39	V
						Y	1	1	-8174	393	178	54	0.00004	0.00092	0.00472	0.00001	0.02554	2268.80	V
					Piede	X	2	1	-9824	482	108	44	0.00004	0.00088	0.00396	0.00001	0.01889	1767.74	V
						Y	2	1	-9824	-337	157	52	0.00004	0.00088	0.00461	0.00001	0.02334	2393.56	V
67	157	Piano 1	23	2	Testa	X	1	1	-42239	64	16	35	0.00005	0.00030	0.00722	0.00007	0.00409	61.73	V
						Y	1	1	-42239	1237	148	53	0.00005	0.00030	0.00555	0.00002	0.00925	578.11	V
					Piede	X	2	1	-44129	1299	314	64	0.00005	0.00029	0.00787	0.00000	0.01221	3095.13	V
						Y	2	1	-44129	-1625	183	56	0.00005	0.00029	0.00604	0.00001	0.00981	1013.00	V
68	266	Piano 2	23	7	Testa	X	1	1	-26658	467	122	45	0.00005	0.00048	0.00456	0.00005	0.01163	251.42	V
						Y	1	1	-26658	539	194	56	0.00005	0.00048	0.00568	0.00000	0.01497	9042.3	V

Relazione di calcolo

					Piede	X	2	1	-28308	-929	213	54	0.00005	0.00045	0.00580	0.00002	0.01415	0	V
						Y	2	1	-28308	-362	141	50	0.00005	0.00045	0.00510	0.00000	0.01238	784.34	V
69	375	Piano 3	23	7	Testa	X	1	1	-11179	937	204	53	0.00004	0.00085	0.00491	0.00003	0.02415	848.03	V
						Y	1	1	-11179	807	189	55	0.00004	0.00085	0.00495	0.00001	0.02453	2453.32	V
					Piede	X	2	1	-12829	-544	131	46	0.00004	0.00082	0.00422	0.00005	0.01913	364.84	V
						Y	2	1	-12829	-590	146	51	0.00004	0.00082	0.00463	0.00000	0.02118	5126.92	V
70	158	Piano 1	24	2	Testa	X	1	1	-24471	-369	99	43	0.00005	0.00047	0.00425	0.00002	0.01046	469.33	V
						Y	1	1	-24471	1259	154	53	0.00005	0.00047	0.00519	0.00001	0.01351	1022.85	V
					Piede	X	2	1	-26361	1066	231	56	0.00005	0.00044	0.00587	0.00001	0.01436	1054.51	V
						Y	2	1	-26361	-1503	176	56	0.00005	0.00044	0.00546	0.00001	0.01360	1456.92	V
72	376	Piano 3	24	7	Testa	X	1	1	-5421	87	222	55	0.00004	0.00098	0.00483	0.00004	0.02849	775.65	V
						Y	1	1	-5421	1045	186	55	0.00004	0.00098	0.00468	0.00001	0.02764	3070.74	V
					Piede	X	2	1	-7071	-38	113	44	0.00004	0.00094	0.00391	0.00004	0.02047	514.92	V
						Y	2	1	-7071	-799	149	51	0.00004	0.00094	0.00445	0.00000	0.02426	-	V
73	159	Piano 1	25	2	Testa	X	1	1	-40536	4	30	36	0.00005	0.00031	0.00513	0.00019	0.00506	27.21	V
						Y	1	1	-40536	1250	150	53	0.00005	0.00031	0.00553	0.00001	0.00956	1373.92	V
					Piede	X	2	1	-42426	-3748	300	63	0.00005	0.00030	0.00755	0.00001	0.01218	1788.05	V
						Y	2	1	-42426	-1591	180	56	0.00005	0.00030	0.00596	0.00000	0.01002	6955.03	V
75	377	Piano 3	25	7	Testa	X	1	1	-13197	-1591	235	56	0.00004	0.00081	0.00537	0.00006	0.02476	407.42	V
						Y	1	1	-13197	1428	200	56	0.00004	0.00081	0.00515	0.00002	0.02409	1444.80	V
					Piede	X	2	1	-14847	539	100	43	0.00004	0.00078	0.00404	0.00000	0.01636	4820.90	V
						Y	2	1	-14847	-876	135	50	0.00004	0.00078	0.00460	0.00000	0.01957	-	V
76	422	Piano 4	25	7	Testa	X	1	1	-4667	-917	20	35	0.00004	0.00100	0.00594	0.00023	0.00578	25.46	V
						Y	1	1	-4667	1688	20	38	0.00004	0.00100	0.00789	0.00008	0.00535	68.45	V
					Piede	X	2	1	-4787	-904	20	35	0.00004	0.00099	0.00594	0.00023	0.00577	25.43	V
						Y	2	1	-4787	1311	20	38	0.00004	0.00099	0.00789	0.00008	0.00534	68.43	V
78	269	Piano 2	26	7	Testa	X	1	1	-34171	459	132	46	0.00005	0.00038	0.00487	0.00004	0.00975	273.26	V
						Y	1	1	-34171	1036	187	55	0.00005	0.00038	0.00586	0.00000	0.01196	7214.72	V
					Piede	X	2	1	-35821	-785	203	53	0.00005	0.00036	0.00596	0.00002	0.01141	720.75	V
						Y	2	1	-35821	-774	148	51	0.00005	0.00036	0.00540	0.00001	0.01039	1904.11	V
79	378	Piano 3	26	7	Testa	X	1	1	-18984	689	186	51	0.00004	0.00068	0.00502	0.00003	0.01876	562.95	V
						Y	1	1	-18984	1001	168	53	0.00004	0.00068	0.00504	0.00001	0.01891	2841.50	V
					Piede	X	2	1	-20634	-528	149	48	0.00004	0.00062	0.00465	0.00004	0.01580	366.44	V
						Y	2	1	-20634	-992	167	53	0.00004	0.00062	0.00509	0.00001	0.01750	2725.63	V
80	423	Piano 4	26	7	Testa	X	1	1	-6528	758	152	48	0.00004	0.00095	0.00420	0.00003	0.02343	889.40	V
						Y	1	1	-6528	2174	141	50	0.00004	0.00095	0.00438	0.00003	0.02401	762.85	V
					Piede	X	2	1	-7566	-315	81	41	0.00004	0.00093	0.00380	0.00001	0.01763	2343.51	V
						Y	2	1	-7566	-1205	92	45	0.00004	0.00093	0.00424	0.00001	0.01971	1492.29	V
84	424	Piano 4	27	7	Testa	X	1	1	-5867	-1058	164	49	0.00004	0.00097	0.00428	0.00001	0.02454	3218.21	V
						Y	1	1	-5867	1174	170	53	0.00004	0.00097	0.00456	0.00001	0.02631	2710.73	V
					Piede	X	2	1	-7385	942	149	48	0.00004	0.00093	0.00420	0.00000	0.02280	-	V
						Y	2	1	-7385	-952	143	51	0.00004	0.00093	0.00442	0.00000	0.02370	5789.39	V
88	425	Piano 4	28	3	Testa	X	1	1	-3217	-545	203	53	0.00003	0.00104	0.00445	0.00003	0.02890	1101.31	V
						Y	1	1	-3217	891	247	75	0.00003	0.00104	0.00570	0.00001	0.03964	7747.66	V
					Piede	X	2	1	-8292	556	207	54	0.00004	0.00098	0.00459	0.00003	0.02767	1041.89	V
						Y	2	1	-8292	-549	163	67	0.00004	0.00098	0.00543	0.00000	0.03176	7362.14	V
89	163	Piano 1	29	2	Testa	X	1	1	-44084	392	54	38	0.00005	0.00029	0.00445	0.00015	0.00586	39.75	V
						Y	1	1	-44084	620	124	50	0.00005	0.00029	0.00535	0.00001	0.00842	1259.32	V
					Piede	X	2	1	-45974	-3945	276	60	0.00005	0.00028	0.00730	0.00004	0.01104	309.97	V
						Y	2	1	-45974	-1193	207	59	0.00005	0.00028	0.00643	0.00000	0.01010	3716.44	V
92	426	Piano 4	29	7	Testa	X	1	1	-8112	-611	50	38	0.00004	0.00092	0.00402	0.00013	0.01402	105.08	V
						Y	1	1	-8112	-228	18	38	0.00004	0.00092	0.00870	0.00003	0.00493	148.88	V
					Piede	X	2	1	-8412	-376	50	38	0.00004	0.00091	0.00402	0.00013	0.01394	104.43	V
						Y	2	1	-8412	421	32	40	0.00004	0.00091	0.00585	0.00003	0.01095	338.46	V
93	164	Piano 1	30	2	Testa	X	1	1	-56969	35	23	35	0.00006	0.00023	0.00602	0.00006	0.00419	69.08	V
						Y	1	1	-56969	920	136	52	0.00006	0.00023	0.00582	0.00001	0.00740	534.32	V
					Piede	X	2	1	-58859	1314	307	64	0.00006	0.00023	0.00856	0.00001	0.01021	1155.45	V

						Y	2	1	-58859	-1453	194	57	0.00006	0.00023	0.00675	0.00001	0.00842	1652.3 3	V
96	427	Pian o 4	30	7	Testa	X	1	1	-11350	1078	127	46	0.00004	0.00085	0.00414	0.00001	0.01950	2976.1 1	V
						Y	1	1	-11350	199	109	47	0.00004	0.00085	0.00436	0.00002	0.01946	1089.1 1	V
					Piede	X	2	1	-12388	-850	106	44	0.00004	0.00083	0.00402	0.00000	0.01773	5672.2 6	V
						Y	2	1	-12388	-236	124	49	0.00004	0.00083	0.00446	0.00002	0.02000	1077.2 5	V
100	428	Pian o 4	31	7	Testa	X	1	1	-7471	-418	165	49	0.00004	0.00093	0.00435	0.00000	0.02375	-	V
						Y	1	1	-7471	-552	175	54	0.00004	0.00093	0.00467	0.00000	0.02578	7108.2 7	V
					Piede	X	2	1	-8989	368	148	48	0.00004	0.00090	0.00425	0.00000	0.02196	4776.0 1	V
						Y	2	1	-8989	408	138	50	0.00004	0.00090	0.00444	0.00001	0.02250	3095.1 4	V
104	429	Pian o 4	32	7	Testa	X	1	1	-5834	-47	151	48	0.00004	0.00097	0.00416	0.00000	0.02369	5970.4 8	V
						Y	1	1	-5834	-802	220	58	0.00004	0.00097	0.00501	0.00000	0.02957	-	V
					Piede	X	2	1	-7934	89	259	59	0.00004	0.00092	0.00537	0.00001	0.02920	4115.6 9	V
						Y	2	1	-7934	676	190	55	0.00004	0.00092	0.00482	0.00001	0.02643	4287.8 5	V
105	167	Pian o 1	33	2	Testa	X	1	1	-48846	-131	20	35	0.00006	0.00027	0.00628	0.00017	0.00416	24.11	V
						Y	1	1	-48846	899	330	71	0.00006	0.00027	0.00856	0.00000	0.01242	4439.3 7	V
					Piede	X	2	1	-50736	-3812	310	64	0.00006	0.00026	0.00813	0.00003	0.01114	363.68	V
						Y	2	1	-50736	107	330	71	0.00006	0.00026	0.00868	0.00000	0.01214	4339.9 3	V
109	168	Pian o 1	34	2	Testa	X	1	1	-57418	-10	32	36	0.00006	0.00023	0.00523	0.00008	0.00447	55.67	V
						Y	1	1	-57418	949	222	60	0.00006	0.00023	0.00716	0.00000	0.00911	2629.5 9	V
					Piede	X	2	1	-59308	1645	298	63	0.00006	0.00022	0.00842	0.00000	0.00999	2571.6 3	V
						Y	2	1	-59308	-393	108	49	0.00006	0.00022	0.00559	0.00001	0.00667	511.12	V
111	386	Pian o 3	34	7	Testa	X	1	1	-24678	547	174	50	0.00005	0.00052	0.00509	0.00002	0.01445	589.51	V
						Y	1	1	-24678	319	161	52	0.00005	0.00052	0.00517	0.00001	0.01471	1838.4 6	V
					Piede	X	2	1	-26328	-498	161	49	0.00005	0.00049	0.00498	0.00003	0.01320	480.12	V
						Y	2	1	-26328	-353	174	54	0.00005	0.00049	0.00538	0.00001	0.01440	1618.1 1	V
112	431	Pian o 4	34	7	Testa	X	1	1	-11030	990	137	47	0.00004	0.00086	0.00422	0.00000	0.02030	8199.6 6	V
						Y	1	1	-11030	422	130	49	0.00004	0.00086	0.00445	0.00001	0.02100	1615.0 6	V
					Piede	X	2	1	-12068	-609	96	43	0.00004	0.00083	0.00395	0.00001	0.01714	1255.6 8	V
						Y	2	1	-12068	-311	103	47	0.00004	0.00083	0.00437	0.00001	0.01874	1719.8 5	V
113	169	Pian o 1	35	3	Testa	X	1	1	-50240	-598	330	66	0.00004	0.00054	0.00708	0.00000	0.02058	9652.6 5	V
						Y	1	1	-50240	225	330	84	0.00004	0.00054	0.00770	0.00001	0.02479	3892.1 6	V
					Piede	X	2	1	-54155	-86	330	66	0.00005	0.00050	0.00718	0.00000	0.01946	9128.2 1	V
						Y	2	1	-54155	1289	330	84	0.00005	0.00050	0.00780	0.00001	0.02340	3673.7 8	V
117	170	Pian o 1	36	2	Testa	X	1	1	-33145	-29	41	37	0.00005	0.00037	0.00457	0.00003	0.00627	221.10	V
						Y	1	1	-33145	324	133	51	0.00005	0.00037	0.00519	0.00003	0.01043	390.83	V
					Piede	X	2	1	-35035	684	289	62	0.00005	0.00035	0.00707	0.00001	0.01347	2487.7 7	V
						Y	2	1	-35035	-528	197	58	0.00005	0.00035	0.00597	0.00002	0.01183	509.14	V
120	433	Pian o 4	36	7	Testa	X	1	1	-5210	-108	410	74	0.00004	0.00098	0.00692	0.00000	0.04002	-	V
						Y	1	1	-5210	-483	233	60	0.00004	0.00098	0.00511	0.00000	0.03083	-	V
					Piede	X	2	1	-7310	10	410	74	0.00004	0.00094	0.00710	0.00000	0.03827	-	V
						Y	2	1	-7310	348	177	54	0.00004	0.00094	0.00468	0.00001	0.02594	4276.5 2	V
121	171	Pian o 1	37	4	Testa	X	1	1	-23915	-135	330	66	0.00005	0.00036	0.00807	0.00000	0.01484	-	V
						Y	1	1	-23915	125	120	45	0.00005	0.00036	0.00480	0.00001	0.00904	829.23	V
					Piede	X	2	1	-24995	-402	330	66	0.00005	0.00034	0.00815	0.00000	0.01435	-	V
						Y	2	1	-24995	-251	210	54	0.00005	0.00034	0.00616	0.00000	0.01119	-	V
124	434	Pian o 4	37	4	Testa	X	1	1	-3625	-377	189	52	0.00004	0.00084	0.00474	0.00001	0.02309	2661.3 4	V
						Y	1	1	-3625	-126	154	48	0.00004	0.00084	0.00438	0.00001	0.02108	3734.0 7	V
					Piede	X	2	1	-4725	275	146	48	0.00004	0.00083	0.00434	0.00002	0.02017	1117.9 1	V
						Y	2	1	-4725	153	181	51	0.00004	0.00083	0.00471	0.00000	0.02218	6996.5 9	V
125	172	Pian o 1	38	4	Testa	X	1	1	-20989	-26	41	37	0.00005	0.00041	0.00462	0.00005	0.00671	142.73	V
						Y	1	1	-20989	357	144	47	0.00005	0.00041	0.00500	0.00003	0.01084	405.36	V
					Piede	X	2	1	-22069	624	289	62	0.00005	0.00039	0.00725	0.00001	0.01464	2140.2 6	V
						Y	2	1	-22069	-487	186	51	0.00005	0.00039	0.00563	0.00002	0.01165	772.92	V
129	173	Pian o 1	39	2	Testa	X	1	1	-33023	51	33	36	0.00005	0.00037	0.00488	0.00017	0.00577	33.58	V
						Y	1	1	-33023	-584	330	71	0.00005	0.00037	0.00780	0.00001	0.01594	1326.4 8	V
					Piede	X	2	1	-34913	-4104	297	63	0.00005	0.00035	0.00719	0.00004	0.01370	369.37	V

						Y	2	1	-34913	-4380	330	71	0.00005	0.00035	0.00789	0.00001	0.01537	1279.29	V
131	391	Piano 3	39	7	Testa	X	1	1	-11601	-920	176	50	0.00004	0.00084	0.00462	0.00002	0.02232	1177.49	V
						Y	1	1	-11601	-1531	170	53	0.00004	0.00084	0.00479	0.00001	0.02323	1654.98	V
					Piede	X	2	1	-13251	817	159	49	0.00004	0.00081	0.00451	0.00001	0.02060	1625.67	V
						Y	2	1	-13251	1467	165	53	0.00004	0.00081	0.00480	0.00002	0.02206	1398.98	V
132	436	Piano 4	39	7	Testa	X	1	1	-5363	-618	50	38	0.00004	0.00098	0.00397	0.00010	0.01484	143.15	V
						Y	1	1	-5363	-1510	44	41	0.00004	0.00098	0.00498	0.00004	0.01461	344.95	V
					Piede	X	2	1	-5663	-445	50	38	0.00004	0.00097	0.00398	0.00010	0.01475	142.27	V
						Y	2	1	-5663	191	6	37	0.00004	0.00097	0.02272	0.00004	0.01287	347.78	V
133	174	Piano 1	40	2	Testa	X	1	1	-47009	388	330	66	0.00005	0.00027	0.00828	0.00001	0.01211	2140.50	V
						Y	1	1	-47009	-227	11	39	0.00005	0.00027	0.01471	0.00006	0.00834	139.23	V
					Piede	X	2	1	-48899	1179	330	66	0.00006	0.00027	0.00839	0.00001	0.01183	2091.67	V
						Y	2	1	-48899	-3441	319	70	0.00006	0.00027	0.00838	0.00000	0.01217	6717.72	V
136	437	Piano 4	40	7	Testa	X	1	1	-8153	1136	128	46	0.00004	0.00092	0.00405	0.00003	0.02099	769.28	V
						Y	1	1	-8153	-1918	130	49	0.00004	0.00092	0.00436	0.00000	0.02237	-	V
					Piede	X	2	1	-9191	-876	105	43	0.00004	0.00089	0.00392	0.00002	0.01896	1166.64	V
						Y	2	1	-9191	1411	103	47	0.00004	0.00089	0.00429	0.00001	0.01996	2092.50	V
137	175	Piano 1	41	2	Testa	X	1	1	-24887	-231	330	66	0.00005	0.00046	0.00724	0.00000	0.01811	5110.04	V
						Y	1	1	-24887	370	77	46	0.00005	0.00046	0.00490	0.00002	0.01036	526.43	V
					Piede	X	2	1	-26777	-267	330	66	0.00005	0.00044	0.00733	0.00000	0.01728	4875.59	V
						Y	2	1	-26777	-1734	253	63	0.00005	0.00044	0.00644	0.00000	0.01590	4549.38	V
140	438	Piano 4	41	7	Testa	X	1	1	-4617	-309	168	50	0.00004	0.00100	0.00426	0.00002	0.02548	1048.62	V
						Y	1	1	-4617	-752	176	54	0.00004	0.00100	0.00456	0.00000	0.02745	8371.70	V
					Piede	X	2	1	-6135	258	145	47	0.00004	0.00096	0.00412	0.00003	0.02316	851.90	V
						Y	2	1	-6135	552	137	50	0.00004	0.00096	0.00434	0.00001	0.02391	2866.07	V
141	176	Piano 1	42	2	Testa	X	1	1	-17952	-131	61	39	0.00004	0.00059	0.00407	0.00004	0.01050	272.65	V
						Y	1	1	-17952	991	105	49	0.00004	0.00059	0.00473	0.00004	0.01420	396.23	V
					Piede	X	2	1	-19842	1014	269	60	0.00004	0.00055	0.00617	0.00001	0.01867	2687.17	V
						Y	2	1	-19842	-2554	225	61	0.00004	0.00055	0.00584	0.00001	0.01826	1960.08	V
144	439	Piano 4	42	7	Testa	X	1	1	-2645	69	410	74	0.00004	0.00096	0.00691	0.00002	0.03914	1979.77	V
						Y	1	1	-2645	-574	232	60	0.00004	0.00096	0.00510	0.00000	0.03009	-	V
					Piede	X	2	1	-4745	30	410	74	0.00004	0.00093	0.00708	0.00002	0.03786	1915.07	V
						Y	2	1	-4745	418	178	54	0.00004	0.00093	0.00468	0.00001	0.02572	4167.63	V

4.2.2.1.1.3 Verifiche Taglio - PGA SLC = 0.0000 g.

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

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo;
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;

Tagli Resistenti:

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

ϕ : diametro della staffa;

Nbr_X : numero di bracci di cui è composta la staffa in direzione X;

Relazione di calcolo

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 84.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	AStaffe [cm²]	cot θXY [°]	cot θXZ [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
									Vsdx _y [daN]	Vsdx _z [daN]	Vrdx _y [daN]	Vrdx _z [daN]						
1	135	Piano 1	1	2	1	0.57	2.50	2.50	802	1101	10485	5726	2	15.0 0	270. 00	13.0 7	5.20	V
2	244	Piano 2	1	7	1	0.57	2.50	2.50	841	850	8899	5726	2	15.0 0	275. 00	10.5 8	6.74	V
3	353	Piano 3	1	7	1	0.57	2.50	2.50	792	621	8899	5726	2	15.0 0	275. 00	11.2 4	9.22	V
4	136	Piano 1	2	2	1	0.57	2.50	2.50	450	498	10485	5726	2	15.0 0	270. 00	23.3 1	11.5 0	V
5	245	Piano 2	2	7	1	0.57	2.50	2.50	853	783	8899	5726	2	15.0 0	275. 00	10.4 3	7.31	V
6	354	Piano 3	2	7	1	0.57	2.50	2.50	927	628	8899	5726	2	15.0 0	275. 00	9.60	9.12	V
7	137	Piano 1	3	2	1	0.57	2.50	2.50	729	628	10485	5726	2	15.0 0	270. 00	14.3 9	9.11	V
8	246	Piano 2	3	7	1	0.57	2.50	2.50	608	21	8899	5726	2	15.0 0	275. 00	14.6 4	267. 05	V
9	355	Piano 3	3	7	1	0.57	2.50	2.50	526	5	8899	5726	2	15.0 0	275. 00	16.9 2	1056. 59	V
10	138	Piano 1	4	2	1	0.57	2.50	2.50	388	1001	10485	5726	2	15.0 0	270. 00	27.0 0	5.72	V
11	247	Piano 2	4	7	1	0.57	2.50	2.50	887	635	8899	5726	2	15.0 0	275. 00	10.0 4	9.02	V
12	356	Piano 3	4	7	1	0.57	2.50	2.50	749	595	8899	5726	2	15.0 0	275. 00	11.8 9	9.62	V
13	139	Piano 1	5	2	1	0.57	2.50	2.50	337	488	10485	5726	2	15.0 0	270. 00	31.1 6	11.7 4	V
14	248	Piano 2	5	7	1	0.57	2.50	2.50	872	514	8899	5726	2	15.0 0	275. 00	10.2 1	11.1 3	V
15	357	Piano 3	5	7	1	0.57	2.50	2.50	837	509	8899	5726	2	15.0 0	275. 00	10.6 3	11.2 4	V
16	140	Piano 1	6	2	1	0.57	2.50	2.50	466	462	10485	5726	2	15.0 0	270. 00	22.5 1	12.3 8	V
17	249	Piano 2	6	7	1	0.57	2.50	2.50	573	162	8899	5726	2	15.0 0	275. 00	15.5 3	35.2 7	V
18	358	Piano 3	6	7	1	0.57	2.50	2.50	463	76	8899	5726	2	15.0 0	275. 00	19.2 3	75.4 1	V
19	141	Piano 1	7	2	1	0.57	2.50	2.50	609	1013	10485	5726	2	15.0 0	270. 00	17.2 2	5.65	V
20	250	Piano 2	7	7	1	0.57	2.50	2.50	190	610	8899	5726	2	15.0 0	275. 00	46.7 1	9.39	V
21	359	Piano 3	7	7	1	0.57	2.50	2.50	110	590	8899	5726	2	15.0 0	275. 00	80.8 2	9.70	V
22	142	Piano 1	8	2	1	0.57	2.50	2.50	846	491	10485	5726	2	15.0 0	270. 00	12.3 9	11.6 7	V
23	251	Piano 2	8	7	1	0.57	2.50	2.50	77	497	8899	5726	2	15.0 0	275. 00	114. 90	11.5 3	V
24	360	Piano 3	8	7	1	0.57	2.50	2.50	61	506	8899	5726	2	15.0 0	275. 00	146. 43	11.3 2	V
25	143	Piano 1	9	2	1	0.57	2.50	2.50	493	464	10485	5726	2	15.0 0	270. 00	21.2 9	12.3 4	V
26	252	Piano 2	9	7	1	0.57	2.50	2.50	114	154	8899	5726	2	15.0 0	275. 00	78.1 3	37.1 1	V
27	361	Piano 3	9	7	1	0.57	2.50	2.50	99	70	8899	5726	2	15.0 0	275. 00	89.7 3	81.2 5	V
28	144	Piano 1	10	2	1	0.57	2.50	2.50	526	1211	10485	5726	2	15.0 0	270. 00	19.9 3	4.73	V
29	253	Piano 2	10	7	1	0.57	2.50	2.50	192	469	8899	5726	2	15.0 0	275. 00	46.3 9	12.2	V
30	362	Piano 3	10	7	1	0.57	2.50	2.50	134	462	8899	5726	2	15.0 0	275. 00	66.4 9	12.3 9	V
31	145	Piano 1	11	2	1	0.57	2.50	2.50	616	582	10485	5726	2	15.0 0	270. 00	17.0 2	9.83	V
32	254	Piano 2	11	7	1	0.57	2.50	2.50	166	531	8899	5726	2	15.0 0	275. 00	53.6 3	10.7 9	V
33	363	Piano 3	11	7	1	0.57	2.50	2.50	103	569	8899	5726	2	15.0 0	275. 00	86.5 1	10.0 7	V
34	146	Piano 1	12	2	1	0.57	2.50	2.50	473	591	10485	5726	2	15.0 0	270. 00	22.1 7	9.70	V
35	255	Piano 2	12	7	1	0.57	2.50	2.50	90	11	8899	5726	2	15.0 0	275. 00	98.3 4	539. 63	V
36	364	Piano 3	12	7	1	0.57	2.50	2.50	75	31	8899	5726	2	15.0 0	275. 00	117. 99	184. 46	V
37	147	Piano 1	13	2	1	0.57	2.50	2.50	394	1011	10485	5726	2	15.0 0	270. 00	26.6 3	5.67	V
38	256	Piano 2	13	7	1	0.57	2.50	2.50	137	603	8899	5726	2	15.0 0	275. 00	65.1 0	9.50	V
39	365	Piano 3	13	7	1	0.57	2.50	2.50	140	591	8899	5726	2	15.0 0	275. 00	63.5 1	9.69	V
40	148	Piano 1	14	2	1	0.57	2.50	2.50	300	475	10485	5726	2	15.0 0	270. 00	35.0 1	12.0 6	V

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41	257	Piano 2	14	7	1	0.57	2.50	2.50	221	499	8899	5726	2	15.0 0	275. 00	40.2 8	11.4 8	V
42	366	Piano 3	14	7	1	0.57	2.50	2.50	264	518	8899	5726	2	15.0 0	275. 00	33.7 3	11.0 5	V
43	149	Piano 1	15	2	1	0.57	2.50	2.50	448	456	10485	5726	2	15.0 0	270. 00	23.4 2	12.5 6	V
44	258	Piano 2	15	7	1	0.57	2.50	2.50	14	160	8899	5726	2	15.0 0	275. 00	623. 05	35.6 8	V
45	367	Piano 3	15	7	1	0.57	2.50	2.50	24	78	8899	5726	2	15.0 0	275. 00	373. 30	73.5 1	V
46	150	Piano 1	16	2	1	0.57	2.50	2.50	388	1009	10485	5726	2	15.0 0	270. 00	27.0 0	5.68	V
47	259	Piano 2	16	7	1	0.57	2.50	2.50	105	613	8899	5726	2	15.0 0	275. 00	85.0 5	9.34	V
48	368	Piano 3	16	7	1	0.57	2.50	2.50	124	597	8899	5726	2	15.0 0	275. 00	71.5 2	9.59	V
49	151	Piano 1	17	2	1	0.57	2.50	2.50	445	468	10485	5726	2	15.0 0	275. 00	23.5 6	12.2 2	V
50	260	Piano 2	17	7	1	0.57	2.50	2.50	123	489	8899	5726	2	15.0 0	275. 00	72.0 8	11.7 0	V
51	369	Piano 3	17	7	1	0.57	2.50	2.50	119	527	8899	5726	2	15.0 0	275. 00	74.5 7	10.8 7	V
52	152	Piano 1	18	2	1	0.57	2.50	2.50	450	479	10485	5726	2	15.0 0	270. 00	23.2 9	11.9 5	V
53	261	Piano 2	18	7	1	0.57	2.50	2.50	6	170	8899	5726	2	15.0 0	275. 00	1555. 25	33.6 8	V
54	370	Piano 3	18	7	1	0.57	2.50	2.50	25	85	8899	5726	2	15.0 0	275. 00	363. 17	67.6 4	V
55	153	Piano 1	19	2	1	0.57	2.50	2.50	464	1040	10485	5726	2	15.0 0	270. 00	22.5 8	5.51	V
56	262	Piano 2	19	7	1	0.57	2.50	2.50	25	615	8899	5726	2	15.0 0	275. 00	355. 24	9.31	V
57	371	Piano 3	19	7	1	0.57	2.50	2.50	73	597	8899	5726	2	15.0 0	275. 00	122. 67	9.59	V
58	154	Piano 1	20	2	1	0.57	2.50	2.50	574	472	10485	5726	2	15.0 0	270. 00	18.2 8	12.1 3	V
59	263	Piano 2	20	7	1	0.57	2.50	2.50	13	486	8899	5726	2	15.0 0	275. 00	699. 53	11.7 8	V
60	372	Piano 3	20	7	1	0.57	2.50	2.50	42	527	8899	5726	2	15.0 0	275. 00	213. 39	10.8 7	V
61	155	Piano 1	21	2	1	0.57	2.50	2.50	678	504	10485	5726	2	15.0 0	270. 00	15.4 6	11.3 6	V
62	264	Piano 2	21	7	1	0.57	2.50	2.50	86	170	8899	5726	2	15.0 0	275. 00	104. 06	33.7 3	V
63	373	Piano 3	21	7	1	0.57	2.50	2.50	54	82	8899	5726	2	15.0 0	275. 00	165. 37	69.6 2	V
64	156	Piano 1	22	2	1	0.57	2.50	2.50	805	1130	10485	5726	2	15.0 0	270. 00	13.0 3	5.07	V
65	265	Piano 2	22	7	1	0.57	2.50	2.50	276	632	8899	5726	2	15.0 0	275. 00	32.2 1	9.07	V
66	374	Piano 3	22	7	1	0.57	2.50	2.50	265	619	8899	5726	2	15.0 0	275. 00	33.5 4	9.26	V
67	157	Piano 1	23	2	1	0.57	2.50	2.50	1074	457	10485	5726	2	15.0 0	270. 00	9.76	12.5 2	V
68	266	Piano 2	23	7	1	0.57	2.50	2.50	328	507	8899	5726	2	15.0 0	275. 00	27.1 6	11.2 8	V
69	375	Piano 3	23	7	1	0.57	2.50	2.50	508	539	8899	5726	2	15.0 0	275. 00	17.5 2	10.6 3	V
70	158	Piano 1	24	2	1	0.57	2.50	2.50	1037	532	10485	5726	2	15.0 0	270. 00	10.1 1	10.7 7	V
71	267	Piano 2	24	7	1	0.57	2.50	2.50	461	103	8899	5726	2	15.0 0	275. 00	19.2 9	55.4 2	V
72	376	Piano 3	24	7	1	0.57	2.50	2.50	671	46	8899	5726	2	15.0 0	275. 00	13.2 7	125. 46	V
73	159	Piano 1	25	2	1	0.57	2.50	2.50	1067	1389	10485	5726	2	15.0 0	270. 00	9.83	4.12	V
74	268	Piano 2	25	7	1	0.57	2.50	2.50	487	676	8899	5726	2	15.0 0	275. 00	18.2 8	8.47	V
75	377	Piano 3	25	7	1	0.57	2.50	2.50	838	775	8899	5726	2	15.0 0	275. 00	10.6 2	7.39	V
77	160	Piano 1	26	2	1	0.57	2.50	2.50	1448	251	10485	5726	2	15.0 0	270. 00	7.24	22.7 9	V
78	269	Piano 2	26	7	1	0.57	2.50	2.50	658	452	8899	5726	2	15.0 0	275. 00	13.5 2	12.6 6	V
79	378	Piano 3	26	7	1	0.57	2.50	2.50	725	443	8899	5726	2	15.0 0	275. 00	12.2 8	12.9 4	V
80	423	Piano 4	26	7	1	0.57	2.50	2.50	1953	620	8899	5726	2	15.0 0	173. 00	4.56	9.23	V
81	161	Piano 1	27	2	1	0.57	2.50	2.50	795	739	10485	5726	2	15.0 0	270. 00	13.1 9	7.75	V
82	270	Piano 2	27	7	1	0.57	2.50	2.50	420	799	8899	5726	2	15.0 0	275. 00	21.1 9	7.17	V
83	379	Piano 3	27	7	1	0.57	2.50	2.50	521	420	8899	5726	2	15.0 0	275. 00	17.0 8	13.6 3	V
84	424	Piano 4	27	7	1	0.57	2.50	2.50	840	791	8899	5726	2	15.0 0	250. 27	10.5 9	7.24	V
85	162	Piano 1	28	3	1	0.57	2.50	2.50	3371	2156	22381	5726	2	15.0 0	270. 00	6.64	2.66	V
86	271	Piano 2	28	3	1	0.57	2.50	2.50	307	227	22381	5726	2	15.0 0	275. 00	72.8 6	25.1 9	V
87	380	Piano 3	28	3	1	0.57	2.50	2.50	310	217	22381	5726	2	15.0 0	275. 00	72.1 5	26.4 1	V
88	425	Piano 4	28	3	1	0.57	2.50	2.50	411	315	22381	5726	2	15.0 0	347. 27	54.4 2	18.2 1	V
89	163	Piano 1	29	2	1	0.57	2.50	2.50	686	1606	10485	5726	2	15.0 0	270. 00	15.2 9	3.57	V
90	272	Piano 2	29	7	1	0.57	2.50	2.50	269	498	8899	5726	2	15.0 0	275. 00	33.0 6	11.5 1	V

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91	381	Piano 3	29	7	1	0.57	2.50	2.50	256	474	8899	5726	2	15.0 0	275. 00	34.7 3	12.0 7	V
93	164	Piano 1	30	2	1	0.57	2.50	2.50	893	474	10485	5726	2	15.0 0	270. 00	11.7 4	12.0 8	V
94	273	Piano 2	30	7	1	0.57	2.50	2.50	260	695	8899	5726	2	15.0 0	275. 00	34.2 2	8.24	V
95	382	Piano 3	30	7	1	0.57	2.50	2.50	286	635	8899	5726	2	15.0 0	275. 00	31.0 8	9.02	V
96	427	Piano 4	30	7	1	0.57	2.50	2.50	252	1114	8899	5726	2	15.0 0	170. 24	35.3 8	5.14	V
97	165	Piano 1	31	2	1	0.57	2.50	2.50	869	198	10485	5726	2	15.0 0	270. 00	12.0 6	28.9 4	V
98	274	Piano 2	31	7	1	0.57	2.50	2.50	94	164	8899	5726	2	15.0 0	275. 00	94.4 3	34.8 3	V
99	383	Piano 3	31	7	1	0.57	2.50	2.50	186	25	8899	5726	2	15.0 0	275. 00	47.9 4	231. 00	V
100	428	Piano 4	31	7	1	0.57	2.50	2.50	379	311	8899	5726	2	15.0 0	250. 24	23.4 6	18.4 4	V
101	166	Piano 1	32	2	1	0.57	2.50	2.50	69	635	10485	5726	2	15.0 0	270. 00	152. 58	9.02	V
102	275	Piano 2	32	7	1	0.57	2.50	2.50	691	147	8899	5726	2	15.0 0	275. 00	12.8 8	39.0 7	V
103	384	Piano 3	32	7	1	0.57	2.50	2.50	577	87	8899	5726	2	15.0 0	275. 00	15.4 1	65.7 0	V
104	429	Piano 4	32	7	1	0.57	2.50	2.50	422	39	8899	5726	2	15.0 0	347. 27	21.0 7	148. 27	V
105	167	Piano 1	33	2	1	0.57	2.50	2.50	307	1363	10485	5726	2	15.0 0	270. 00	34.1 0	4.20	V
106	276	Piano 2	33	7	1	0.57	2.50	2.50	796	662	8899	5726	2	15.0 0	275. 00	11.1 8	8.65	V
107	385	Piano 3	33	7	1	0.57	2.50	2.50	409	713	8899	5726	2	15.0 0	275. 00	21.7 4	8.04	V
109	168	Piano 1	34	2	1	0.57	2.50	2.50	511	613	10485	5726	2	15.0 0	270. 00	20.5 0	9.34	V
110	277	Piano 2	34	7	1	0.57	2.50	2.50	549	637	8899	5726	2	15.0 0	275. 00	16.2 0	8.99	V
111	386	Piano 3	34	7	1	0.57	2.50	2.50	244	380	8899	5726	2	15.0 0	275. 00	36.4 1	15.0 8	V
112	431	Piano 4	34	7	1	0.57	2.50	2.50	424	924	8899	5726	2	15.0 0	173. 00	21.0 0	6.20	V
113	169	Piano 1	35	3	1	0.57	2.50	2.50	394	189	22381	5726	2	15.0 0	270. 00	56.8 1	30.2 5	V
114	278	Piano 2	35	3	1	0.57	2.50	2.50	317	298	22381	5726	2	15.0 0	275. 00	70.5 4	19.2 0	V
115	387	Piano 3	35	3	1	0.57	2.50	2.50	220	15	22381	5726	2	15.0 0	275. 00	101. 89	379. 01	V
116	432	Piano 4	35	3	1	0.57	2.50	2.50	56	676	22381	5726	2	15.0 0	250. 27	400. 67	8.47	V
117	170	Piano 1	36	2	1	0.57	2.50	2.50	315	264	10485	5726	2	15.0 0	270. 00	33.2 4	21.6 7	V
118	279	Piano 2	36	2	1	0.57	2.50	2.50	517	405	10485	5726	2	15.0 0	275. 00	20.2 6	14.1 2	V
119	388	Piano 3	36	7	1	0.57	2.50	2.50	310	198	8899	5726	2	15.0 0	275. 00	28.7 2	28.9 4	V
120	433	Piano 4	36	7	1	0.57	2.50	2.50	237	28	8899	5726	2	15.0 0	347. 27	37.5 1	202. 89	V
121	171	Piano 1	37	4	1	1.01	2.50	2.50	139	99	10123	10123	2	15.0 0	270. 00	72.6 9	102. 24	V
122	280	Piano 2	37	4	1	1.01	2.50	2.50	12	213	10123	10123	2	15.0 0	275. 00	831. 18	47.4 7	V
123	389	Piano 3	37	4	1	1.01	2.50	2.50	88	74	10123	10123	2	15.0 0	275. 00	114. 65	136. 47	V
124	434	Piano 4	37	4	1	1.01	2.50	2.50	101	237	10123	10123	2	15.0 0	273. 29	99.8 0	42.7 0	V
125	172	Piano 1	38	4	1	1.01	2.50	2.50	312	241	10123	10123	2	15.0 0	270. 00	32.4 0	42.0 5	V
126	281	Piano 2	38	4	1	1.01	2.50	2.50	44	331	10123	10123	2	15.0 0	275. 00	230. 57	30.6 2	V
127	390	Piano 3	38	4	1	1.01	2.50	2.50	105	215	10123	10123	2	15.0 0	275. 00	96.6 5	46.9 9	V
128	435	Piano 4	38	4	1	1.01	2.50	2.50	85	84	10123	10123	2	15.0 0	348. 29	118. 56	120. 00	V
129	173	Piano 1	39	2	1	0.57	2.50	2.50	1420	1539	10485	5726	2	15.0 0	270. 00	7.38	3.72	V
130	282	Piano 2	39	7	1	0.57	2.50	2.50	976	900	8899	5726	2	15.0 0	275. 00	9.12	6.36	V
131	391	Piano 3	39	7	1	0.57	2.50	2.50	1090	632	8899	5726	2	15.0 0	275. 00	8.16	9.06	V
133	174	Piano 1	40	2	1	0.57	2.50	2.50	1191	293	10485	5726	2	15.0 0	270. 00	8.81	19.5 5	V
134	283	Piano 2	40	2	1	0.57	2.50	2.50	1426	1205	10485	5726	2	15.0 0	275. 00	7.35	4.75	V
135	392	Piano 3	40	7	1	0.57	2.50	2.50	878	813	8899	5726	2	15.0 0	275. 00	10.1 4	7.04	V
136	437	Piano 4	40	7	1	0.57	2.50	2.50	1924	1163	8899	5726	2	15.0 0	170. 16	4.62	4.93	V
137	175	Piano 1	41	2	1	0.57	2.50	2.50	793	14	10485	5726	2	15.0 0	270. 00	13.2 2	423. 66	V
138	284	Piano 2	41	7	1	0.57	2.50	2.50	163	51	8899	5726	2	15.0 0	275. 00	54.4 4	113. 16	V
139	393	Piano 3	41	7	1	0.57	2.50	2.50	277	132	8899	5726	2	15.0 0	275. 00	32.1 7	43.2 4	V
140	438	Piano 4	41	7	1	0.57	2.50	2.50	515	224	8899	5726	2	15.0 0	250. 16	17.2 7	25.5 6	V
141	176	Piano 1	42	2	1	0.57	2.50	2.50	1327	424	10485	5726	2	15.0 0	270. 00	7.90	13.5 0	V
142	285	Piano 2	42	7	1	0.57	2.50	2.50	187	382	8899	5726	2	15.0 0	275. 00	47.5 8	14.9 7	V

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11	78	Piano 1	7-8	6	0.00	13.38	4.62	18.00	1	0	-1086	-	0	-3695	-	3.40	V
					302.46	3.08	8.64	11.72	1	0	798	-	-1	2505	-	3.14	V
					604.93	13.38	4.62	18.00	1	0	-1297	-	0	-3695	-	2.85	V
12	79	Piano 1	7-10	5	0.00	10.24	4.21	14.45	1	0	-1663	-	-1	-10278	-	6.18	V
					146.44	3.08	8.23	11.31	1	0	1542	-	0	8312	-	5.39	V
					219.66	10.24	4.21	14.45	1	0	907	-	-3	4350	-	4.80	V
13	80	Piano 1	8-9	6	0.00	9.36	5.09	14.45	1	0	-459	-	0	-2663	-	5.81	V
					155.02	9.36	5.09	14.45	1	0	168	-	0	1599	-	9.51	V
					186.02	9.36	5.09	14.45	1	0	168	-	0	1599	-	9.52	V
14	81	Piano 1	8-11	5	0.00	10.24	4.21	14.45	1	0	-2149	-	-1	-10278	-	4.78	V
					146.44	3.08	8.23	11.31	1	0	1673	-	0	8312	-	4.97	V
					219.66	10.24	4.21	14.45	1	0	1178	-	-3	4350	-	3.69	V
15	82	Piano 1	9-12	5	0.00	10.24	4.21	14.45	1	0	-1069	-	-1	-10278	-	9.62	V
					146.44	3.08	8.23	11.31	1	0	1009	-	0	8312	-	8.24	V
					219.66	10.24	4.21	14.45	1	0	580	-	-3	4350	-	7.50	V
16	83	Piano 1	10-11	5	75.62	9.24	3.08	12.32	1	0	1019	-	0	3223	-	3.16	V
					226.85	3.08	6.16	9.24	1	0	1848	-	0	6269	-	3.39	V
					604.93	9.24	3.08	12.32	1	0	-2885	-	0	-9308	-	3.23	V
17	84	Piano 1	10-13	5	0.00	10.24	4.21	14.45	1	0	-1536	-	-1	-10278	-	6.69	V
					146.44	3.08	8.23	11.31	1	0	1510	-	0	8312	-	5.50	V
					219.66	10.24	4.21	14.45	1	0	797	-	-3	4350	-	5.46	V
18	85	Piano 1	11-12	5	0.00	9.24	3.08	12.32	1	0	-2512	-	0	-9308	-	3.71	V
					93.01	3.08	6.16	9.24	1	0	-721	-	0	-3222	-	4.47	V
					248.03	9.24	3.08	12.32	1	0	958	-	0	3223	-	3.37	V
19	86	Piano 1	11-14	5	0.00	10.24	4.21	14.45	1	0	-1367	-	-1	-10278	-	7.52	V
					146.44	3.08	8.23	11.31	1	0	1648	-	0	8312	-	5.04	V
					219.66	10.24	4.21	14.45	1	0	749	-	-3	4350	-	5.81	V
20	87	Piano 1	12-15	5	0.00	10.24	4.21	14.45	1	0	-1216	-	-1	-10278	-	8.45	V
					146.44	3.08	8.23	11.31	1	0	983	-	0	8312	-	8.46	V
					219.66	10.24	4.21	14.45	1	0	614	-	-3	4350	-	7.08	V
21	88	Piano 1	13-14	6	0.00	13.38	4.62	18.00	1	0	-1081	-	0	-3695	-	3.42	V
					302.46	3.08	8.64	11.72	1	0	798	-	-1	2505	-	3.14	V
					604.93	13.38	4.62	18.00	1	0	-1303	-	0	-3695	-	2.84	V
22	89	Piano 1	13-16	5	0.00	10.24	4.21	14.45	1	0	-1673	-	-1	-10278	-	6.14	V
					151.53	3.08	8.23	11.31	1	0	1612	-	0	8312	-	5.16	V
					227.30	10.24	4.21	14.45	1	0	859	-	-3	4350	-	5.06	V
23	90	Piano 1	14-15	6	0.00	9.36	5.09	14.45	1	0	-449	-	0	-2663	-	5.94	V
					155.02	9.36	5.09	14.45	1	0	166	-	0	1599	-	9.63	V
					186.02	9.36	5.09	14.45	1	0	163	-	0	1599	-	9.78	V
24	91	Piano 1	14-17	5	0.00	10.24	4.21	14.45	1	0	-1798	-	-1	-10278	-	5.72	V
					151.53	3.08	8.23	11.31	1	0	1721	-	0	8312	-	4.83	V
					227.30	10.24	4.21	14.45	1	0	905	-	-3	4350	-	4.81	V
25	92	Piano 1	15-18	5	0.00	10.24	4.21	14.45	1	0	-1214	-	-1	-10278	-	8.47	V
					151.53	3.08	8.23	11.31	1	0	1057	-	0	8312	-	7.87	V
					227.30	10.24	4.21	14.45	1	0	620	-	-3	4350	-	7.01	V
26	93	Piano 1	16-17	6	0.00	13.38	4.62	18.00	1	0	-1071	-	0	-3695	-	3.45	V
					302.46	3.08	8.64	11.72	1	0	799	-	-1	2505	-	3.13	V
					604.93	13.38	4.62	18.00	1	0	-1310	-	0	-3695	-	2.82	V
27	94	Piano 1	16-19	5	0.00	10.24	4.21	14.45	1	0	-1771	-	-1	-10278	-	5.80	V
					151.53	3.08	8.23	11.31	1	0	1599	-	0	8312	-	5.20	V
					227.30	10.24	4.21	14.45	1	0	889	-	-3	4350	-	4.89	V
28	95	Piano 1	17-18	6	0.00	9.36	5.09	14.45	1	0	-472	-	0	-2663	-	5.64	V
					155.02	9.36	5.09	14.45	1	0	173	-	0	1599	-	9.22	V
					186.02	9.36	5.09	14.45	1	0	177	-	0	1599	-	9.03	V
29	96	Piano 1	17-20	5	0.00	10.24	4.21	14.45	1	0	-1941	-	-1	-10278	-	5.30	V
					151.53	3.08	8.23	11.31	1	0	1714	-	0	8312	-	4.85	V
					227.30	10.24	4.21	14.45	1	0	965	-	-3	4350	-	4.51	V
30	97	Piano 1	18-21	5	0.00	10.24	4.21	14.45	1	0	-1368	-	-1	-10278	-	7.51	V
					151.53	3.08	8.23	11.31	1	0	1048	-	0	8312	-	7.93	V
					227.30	10.24	4.21	14.45	1	0	684	-	-3	4350	-	6.36	V
31	98	Piano 1	19-20	6	0.00	13.38	4.62	18.00	1	0	-1061	-	0	-3695	-	3.48	V
					302.46	3.08	8.64	11.72	1	0	800	-	-1	2505	-	3.13	V
					604.93	13.38	4.62	18.00	1	0	-1318	-	0	-3695	-	2.80	V
32	99	Piano 1	19-22	5	0.00	10.24	4.21	14.45	1	0	-1884	-	-1	-10278	-	5.46	V
					146.44	3.08	8.23	11.31	1	0	1472	-	0	8312	-	5.65	V
					219.66	10.24	4.21	14.45	1	0	909	-	-3	4350	-	4.78	V
33	100	Piano 1	20-21	6	0.00	9.36	5.09	14.45	1	0	-478	-	0	-2663	-	5.57	V
					155.02	9.36	5.09	14.45	1	0	175	-	0	1599	-	9.12	V
					186.02	9.36	5.09	14.45	1	0	180	-	0	1599	-	8.86	V
34	101	Piano 1	20-23	5	0.00	10.24	4.21	14.45	1	0	-2119	-	-1	-10278	-	4.85	V
					146.44	3.08	8.23	11.31	1	0	1566	-	0	8312	-	5.31	V
					219.67	10.24	4.21	14.45	1	0	1010	-	-3	4350	-	4.31	V
35	102	Piano 1	21-24	5	0.00	10.24	4.21	14.45	1	0	-1563	-	-1	-10278	-	6.58	V
					177.06	3.08	8.23	11.31	1	0	901	-	0	8312	-	9.23	V
					212.48	10.24	4.21	14.45	1	0	708	-	-3	4350	-	6.15	V
36	103	Piano 1	22-23	6	0.00	13.38	4.62	18.00	1	0	-1062	-	0	-3695	-	3.48	V
					303.66	3.08	8.64	11.72	1	0	807	-	-1	2505	-	3.10	V
					607.32	13.38	4.62	18.00	1	0	-1335	-	0	-3695	-	2.77	V
37	104	Piano 1	22-25	5	0.00	10.24	4.21	14.45	1	0	-2383	-	-1	-10278	-	4.31	V
					183.05	3.08	8.23	11.31	1	0	1505	-	0	8312	-	5.52	V
					219.66	10.24	4.21	14.45	1	0	1162	-	-3	4350	-	3.74	V
38	105	Piano 1	23-24	6	0.00	9.36	5.09	14.45	1	0	-477	-	0	-2663	-	5.59	V
					153.61	9.36	5.09	14.45	1	0	167	-	0	1599	-	9.58	V
					184.33	9.36	5.09	14.45	1	0	172	-	0	1599	-	9.27	V
39	106	Piano 1	23-26	5	0.00	10.24	4.21	14.45	1	0	-2763	-	-1	-10278	-	3.72	V
					183.06	3.08	8.23	11.31	1	0	1668	-	0	8312	-	4.98	V
					219.67	10.24	4.21	14.45	1	0	1350	-	-3	4350	-	3.22	V
40	107	Piano 1	24-27	5	0.00	10.24	4.21	14.45	1	0	-2147	-	-1	-10278	-	4.79	V
					189.04	3.08	8.23	11.31	1	0	1215	-	0	8312	-	6.84	V
					226.85	10.24	4.21	14.45	1	0	1111	-	-3	4350	-	3.92	V
41	108	Piano 1	25-26	6	0.00	13.38	4.62	18.00	1	0	-1041	-	0	-3695	-	3.55	V
					302.46	3.08	8.64	11.72	1	0	802	-	-1	2505	-	3.12	V
					604.93	13.38	4.62	18.00	1	0	-1335	-	0	-3695	-	2.77	V
42	109	Piano 1	25-29	5	0.00	10.24	4.21	14.45	1	0	-2483	-	-1	-10278	-	4.14	V
					189.41	3.08	8.23	11.31	1	0	1731	-	0	8312	-	4.80	

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					227.30	10.24	4.21	14.45	1	0	1376	-	-3	4350	-	3.16	V
43	110	Piano 1	26-27	6	0.00	9.36	5.09	14.45	1	0	-367	-	0	-2663	-	7.26	V
					155.02	9.36	5.09	14.45	1	0	81	-	0	1599	-	19.83	V
					248.03	9.36	5.09	14.45	1	0	-153	-	0	-2663	-	17.45	V
44	111	Piano 1	26-30	5	0.00	10.24	4.21	14.45	1	0	-2955	-	-1	-10278	-	3.48	V
					189.41	3.08	8.23	11.31	1	0	1939	-	0	8312	-	4.29	V
					227.30	10.24	4.21	14.45	1	0	1630	-	-3	4350	-	2.67	V
45	112	Piano 1	28-27	5	0.00	9.24	3.08	12.32	1	0	2366	-	0	3223	-	1.36	V
					112.16	3.08	6.16	9.24	1	0	1700	-	0	6269	-	3.69	V
					299.10	9.24	3.08	12.32	1	0	-2737	-	0	-9308	-	3.40	V
46	113	Piano 1	27-31	5	0.00	10.24	4.21	14.45	1	0	-1634	-	-1	-10278	-	6.29	V
					151.53	3.08	8.23	11.31	1	0	1353	-	0	8312	-	6.14	V
					227.30	10.24	4.21	14.45	1	0	993	-	-3	4350	-	4.38	V
47	114	Piano 1	32-28	5	0.00	13.38	3.08	16.46	1	0	-2446	-	0	-13234	-	5.41	V
					195.47	3.08	7.10	10.18	1	0	1689	-	0	7193	-	4.26	V
					234.56	16.52	3.08	19.60	1	0	1638	-	2	3237	-	1.98	V
48	115	Piano 1	29-30	5	75.62	9.24	3.08	12.32	1	0	1267	-	0	3223	-	2.54	V
					226.85	3.08	6.16	9.24	1	0	2006	-	0	6269	-	3.12	V
					604.93	9.24	3.08	12.32	1	0	-2949	-	0	-9308	-	3.16	V
49	116	Piano 1	29-33	5	0.00	10.24	4.21	14.45	1	0	-1569	-	-1	-10278	-	6.55	V
					144.05	3.08	8.23	11.31	1	0	1297	-	0	8312	-	6.41	V
					288.09	10.24	4.21	14.45	1	0	-1608	-	-1	-10278	-	6.39	V
50	117	Piano 1	30-31	5	0.00	9.24	3.08	12.32	1	0	-2032	-	0	-9308	-	4.58	V
					93.01	3.08	6.16	9.24	1	0	-841	-	0	-3222	-	3.83	V
					186.02	9.24	3.08	12.32	1	0	-238	-	0	-9308	-	39.04	V
51	118	Piano 1	30-34	5	0.00	10.24	4.21	14.45	1	0	-1603	-	-1	-10278	-	6.41	V
					146.44	3.08	8.23	11.31	1	0	1515	-	0	8312	-	5.49	V
					292.88	10.24	4.21	14.45	1	0	-1709	-	-1	-10278	-	6.02	V
52	119	Piano 1	31-32	5	0.00	9.24	3.08	12.32	1	0	-675	-	0	-9308	-	13.79	V
					189.08	3.08	6.16	9.24	1	0	770	-	0	6269	-	8.14	V
					226.89	9.24	3.08	12.32	1	0	767	-	0	3223	-	4.20	V
53	120	Piano 1	31-35	5	0.00	10.24	4.21	14.45	1	0	-1320	-	-1	-10278	-	7.78	V
					127.23	3.08	8.23	11.31	1	0	895	-	0	8312	-	9.29	V
					152.68	10.24	4.21	14.45	1	0	893	-	-3	4350	-	4.87	V
54	121	Piano 1	36-32	5	0.00	9.11	7.10	16.21	1	0	-843	-	0	-9171	-	10.88	V
					139.29	3.08	7.10	10.18	1	0	914	-	0	7193	-	7.87	V
					278.57	9.11	7.10	16.21	1	0	-1276	-	0	-9171	-	7.19	V
55	122	Piano 1	33-34	6	0.00	13.38	4.62	18.00	1	0	-1062	-	0	-3695	-	3.48	V
					302.47	3.08	8.64	11.72	1	0	805	-	-1	2505	-	3.11	V
					604.94	13.38	4.62	18.00	1	0	-1307	-	0	-3695	-	2.83	V
56	123	Piano 1	33-39	5	0.00	10.24	4.21	14.45	1	0	-3348	-	-1	-10278	-	3.07	V
					221.27	3.08	8.23	11.31	1	0	2779	-	0	8312	-	2.99	V
					265.52	10.24	4.21	14.45	1	0	2293	-	-3	4350	-	1.90	V
57	124	Piano 1	34-35	6	0.00	9.36	5.09	14.45	1	0	-350	-	0	-2663	-	7.60	V
					155.50	9.36	5.09	14.45	1	0	109	-	0	1599	-	14.65	V
					248.80	9.36	5.09	14.45	1	0	-132	-	0	-2663	-	20.12	V
58	125	Piano 1	34-40	5	0.00	10.24	4.21	14.45	1	0	-3235	-	-1	-10278	-	3.18	V
					218.28	3.08	8.23	11.31	1	0	2643	-	0	8312	-	3.14	V
					261.94	10.24	4.21	14.45	1	0	2056	-	-3	4350	-	2.12	V
59	126	Piano 1	35-36	5	75.63	9.24	3.08	12.32	1	0	495	-	0	3223	-	6.50	V
					151.26	3.08	6.16	9.24	1	0	1000	-	0	6269	-	6.27	V
					226.89	9.24	3.08	12.32	1	0	751	-	0	3223	-	4.29	V
60	127	Piano 1	35-37	5	55.39	6.22	8.23	14.45	1	0	426	-	0	8307	-	19.50	V
					110.78	3.08	8.23	11.31	1	0	534	-	0	8312	-	15.58	V
					166.17	10.24	4.21	14.45	1	0	224	-	-3	4350	-	19.43	V
61	128	Piano 1	38-36	5	0.00	9.24	7.10	16.34	1	0	-276	-	0	-9306	-	33.68	V
					83.09	4.62	7.10	11.72	1	0	189	-	1	7192	-	38.11	V
					221.56	9.24	7.10	16.34	1	0	-806	-	0	-9306	-	11.55	V
62	129	Piano 1	37-38	5	75.63	9.24	3.08	12.32	1	0	857	-	0	3223	-	3.76	V
					151.26	3.08	6.16	9.24	1	0	1248	-	0	6269	-	5.02	V
					226.89	9.24	3.08	12.32	1	0	896	-	0	3223	-	3.60	V
63	130	Piano 1	37-41	5	0.00	10.24	4.21	14.45	1	0	-551	-	-1	-10278	-	18.67	V
					63.74	3.08	8.23	11.31	1	0	479	-	0	8312	-	17.34	V
					101.98	10.24	4.21	14.45	1	0	631	-	-3	4350	-	6.89	V
64	131	Piano 1	42-38	5	0.00	9.24	7.10	16.34	1	0	972	-	2	7190	-	7.40	V
					38.24	4.62	7.10	11.72	1	0	664	-	1	7192	-	10.84	V
					101.98	9.24	7.10	16.34	1	0	-549	-	0	-9306	-	16.96	V
65	132	Piano 1	39-40	5	152.13	6.16	6.16	12.32	1	0	2451	-	0	6267	-	2.56	V
					228.20	3.08	6.16	9.24	1	0	2996	-	0	6269	-	2.09	V
					608.52	9.24	3.08	12.32	1	0	-4291	-	0	-9308	-	2.17	V
66	133	Piano 1	40-41	5	0.00	9.24	3.08	12.32	1	0	-2260	-	0	-9308	-	4.12	V
					91.66	3.08	6.16	9.24	1	0	-852	-	0	-3222	-	3.78	V
					244.44	9.24	3.08	12.32	1	0	-660	-	0	-9308	-	14.11	V
67	134	Piano 1	41-42	5	75.63	9.24	3.08	12.32	1	0	487	-	0	3223	-	6.62	V
					151.26	3.08	6.16	9.24	1	0	969	-	0	6269	-	6.47	V
					226.89	9.24	3.08	12.32	1	0	791	-	0	3223	-	4.07	V
68	177	Piano 2	1-2	5	151.23	6.16	6.16	12.32	1	0	1656	-	0	6267	-	3.78	V
					302.46	3.08	6.16	9.24	1	0	2405	-	0	6269	-	2.61	V
					604.93	9.24	3.08	12.32	1	0	-4012	-	0	-9308	-	2.32	V
69	178	Piano 2	1-4	5	93.54	7.16	9.17	16.34	1	0	1877	-	1	9224	-	4.91	V
					187.07	4.02	9.17	13.19	1	0	2486	-	-1	9229	-	3.71	V
					374.14	11.18	5.15	16.34	1	0	-3597	-	-1	-11193	-	3.11	V
70	179	Piano 2	2-3	5	0.00	9.24	3.08	12.32	1	0	-1943	-	0	-9308	-	4.79	V
					93.01	3.08	6.16	9.24	1	0	-351	-	0	-3222	-	9.18	V
					186.02	9.24	3.08	12.32	1	0	244	-	0	3223	-	13.24	V
71	180	Piano 2	2-5	5	93.53	7.16	9.17	16.34	1	0	1995	-	1	9224	-	4.62	V
					187.05	4.02	9.17	13.19	1	0	2657	-	-1	9229	-	3.47	V
					374.10	11.18	5.15	16.34	1	0	-3868	-	-1	-11193	-	2.89	V
72	181	Piano 2	3-6	5	93.54	7.16	9.17	16.34	1	0	1215	-	1	9224	-	7.59	V
					187.07	4.02	9.17	13.19	1	0	1628	-	-1	9229	-	5.67	V
					374.14	11.18	5.15	16.34	1	0	-2338	-	-1	-11193	-	4.79	V
73	182	Piano 2	4-5	6	0.00	13.38	4.62	18.00	1	0	-1147	-	0	-3695	-	3.22	V
					302.45	3.08	8.64	11.72	1	0	761	-	-1	2505	-	3.29	V
					604.90	13.38	4.62	18.00	1	0	-1311	-	0	-3695	-	2.82	V
74	183	Piano 2	4-7	5	0.00	10.24	4.21	14.45	1	0	-1630	-	-1	-10278	-	6.31	

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					151.44	3.08	8.23	11.31	1	0	1400	-	0	8312	-	5.94	V
					302.88	10.24	4.21	14.45	1	0	-1950	-	-1	-10278	-	5.27	V
75	184	Piano 2	5-6	6	0.00	9.36	5.09	14.45	1	0	-253	-	0	-2663	-	10.53	V
					124.33	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.11	V
					186.49	9.36	5.09	14.45	1	0	90	-	0	1599	-	17.75	V
76	185	Piano 2	5-8	5	0.00	10.24	4.21	14.45	1	0	-1824	-	-1	-10278	-	5.63	V
					151.46	3.08	8.23	11.31	1	0	1478	-	0	8312	-	5.62	V
					302.93	10.24	4.21	14.45	1	0	-2082	-	-1	-10278	-	4.94	V
77	186	Piano 2	6-9	5	0.00	10.24	4.21	14.45	1	0	-1117	-	-1	-10278	-	9.20	V
					151.44	3.08	8.23	11.31	1	0	929	-	0	8312	-	8.95	V
					302.88	10.24	4.21	14.45	1	0	-1212	-	-1	-10278	-	8.48	V
78	187	Piano 2	7-8	6	0.00	13.38	4.62	18.00	1	0	-1149	-	0	-3695	-	3.22	V
					302.46	3.08	8.64	11.72	1	0	760	-	-1	2505	-	3.30	V
					604.93	13.38	4.62	18.00	1	0	-1311	-	0	-3695	-	2.82	V
79	188	Piano 2	7-10	5	0.00	10.24	4.21	14.45	1	0	-1572	-	-1	-10278	-	6.54	V
					151.44	3.08	8.23	11.31	1	0	1529	-	0	8312	-	5.44	V
					302.88	10.24	4.21	14.45	1	0	-1749	-	-1	-10278	-	5.87	V
80	189	Piano 2	8-9	6	0.00	9.36	5.09	14.45	1	0	-256	-	0	-2663	-	10.39	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.13	V
					186.02	9.36	5.09	14.45	1	0	93	-	0	1599	-	17.21	V
81	190	Piano 2	8-11	5	0.00	10.24	4.21	14.45	1	0	-2083	-	-1	-10278	-	4.93	V
					151.44	3.08	8.23	11.31	1	0	1669	-	0	8312	-	4.98	V
					227.16	10.24	4.21	14.45	1	0	973	-	-3	4350	-	4.47	V
82	191	Piano 2	9-12	5	0.00	10.24	4.21	14.45	1	0	-949	-	-1	-10278	-	10.83	V
					151.44	3.08	8.23	11.31	1	0	996	-	0	8312	-	8.35	V
					302.88	10.24	4.21	14.45	1	0	-1245	-	-1	-10278	-	8.25	V
83	192	Piano 2	10-11	5	151.23	6.16	6.16	12.32	1	0	1043	-	0	6267	-	6.01	V
					226.85	3.08	6.16	9.24	1	0	1396	-	0	6269	-	4.49	V
					604.93	9.24	3.08	12.32	1	0	-2669	-	0	-9308	-	3.49	V
84	193	Piano 2	10-13	5	0.00	10.24	4.21	14.45	1	0	-1379	-	-1	-10278	-	7.45	V
					151.44	3.08	8.23	11.31	1	0	1528	-	0	8312	-	5.44	V
					302.88	10.24	4.21	14.45	1	0	-1944	-	-1	-10278	-	5.29	V
85	194	Piano 2	11-12	5	0.00	9.24	3.08	12.32	1	0	-1075	-	0	-9308	-	8.66	V
					93.01	3.08	6.16	9.24	1	0	-189	-	0	-3222	-	17.01	V
					186.02	9.24	3.08	12.32	1	0	108	-	0	3223	-	29.81	V
86	195	Piano 2	11-14	5	75.72	6.22	8.23	14.45	1	0	1119	-	0	8307	-	7.42	V
					151.44	3.08	8.23	11.31	1	0	1675	-	0	8312	-	4.96	V
					302.88	10.24	4.21	14.45	1	0	-2360	-	-1	-10278	-	4.36	V
87	196	Piano 2	12-15	5	0.00	10.24	4.21	14.45	1	0	-1071	-	-1	-10278	-	9.59	V
					151.44	3.08	8.23	11.31	1	0	992	-	0	8312	-	8.38	V
					302.88	10.24	4.21	14.45	1	0	-1132	-	-1	-10278	-	9.08	V
88	197	Piano 2	13-14	6	0.00	13.38	4.62	18.00	1	0	-1142	-	0	-3695	-	3.24	V
					302.46	3.08	8.64	11.72	1	0	759	-	-1	2505	-	3.30	V
					604.93	13.38	4.62	18.00	1	0	-1319	-	0	-3695	-	2.80	V
89	198	Piano 2	13-16	5	0.00	10.24	4.21	14.45	1	0	-1613	-	-1	-10278	-	6.37	V
					156.53	3.08	8.23	11.31	1	0	1613	-	0	8312	-	5.15	V
					313.06	10.24	4.21	14.45	1	0	-1975	-	-1	-10278	-	5.20	V
90	199	Piano 2	14-15	6	0.00	9.36	5.09	14.45	1	0	-240	-	0	-2663	-	11.08	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.12	V
					186.02	9.36	5.09	14.45	1	0	85	-	0	1599	-	18.80	V
91	200	Piano 2	14-17	5	0.00	10.24	4.21	14.45	1	0	-1752	-	-1	-10278	-	5.87	V
					156.53	3.08	8.23	11.31	1	0	1713	-	0	8312	-	4.85	V
					313.06	10.24	4.21	14.45	1	0	-2152	-	-1	-10278	-	4.78	V
92	201	Piano 2	15-18	5	0.00	10.24	4.21	14.45	1	0	-1118	-	-1	-10278	-	9.20	V
					156.53	3.08	8.23	11.31	1	0	1060	-	0	8312	-	7.84	V
					313.06	10.24	4.21	14.45	1	0	-1235	-	-1	-10278	-	8.32	V
93	202	Piano 2	16-17	6	0.00	13.38	4.62	18.00	1	0	-1131	-	0	-3695	-	3.27	V
					302.46	3.08	8.64	11.72	1	0	758	-	-1	2505	-	3.30	V
					604.93	13.38	4.62	18.00	1	0	-1332	-	0	-3695	-	2.77	V
94	203	Piano 2	16-19	5	0.00	10.24	4.21	14.45	1	0	-1715	-	-1	-10278	-	5.99	V
					156.53	3.08	8.23	11.31	1	0	1604	-	0	8312	-	5.18	V
					313.06	10.24	4.21	14.45	1	0	-1892	-	-1	-10278	-	5.43	V
95	204	Piano 2	17-18	6	0.00	9.36	5.09	14.45	1	0	-243	-	0	-2663	-	10.96	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.07	V
					186.02	9.36	5.09	14.45	1	0	87	-	0	1599	-	18.31	V
96	205	Piano 2	17-20	5	0.00	10.24	4.21	14.45	1	0	-1871	-	-1	-10278	-	5.49	V
					156.53	3.08	8.23	11.31	1	0	1715	-	0	8312	-	4.85	V
					313.06	10.24	4.21	14.45	1	0	-2028	-	-1	-10278	-	5.07	V
97	206	Piano 2	18-21	5	0.00	10.24	4.21	14.45	1	0	-1254	-	-1	-10278	-	8.20	V
					156.53	3.08	8.23	11.31	1	0	1039	-	0	8312	-	8.00	V
					234.80	10.24	4.21	14.45	1	0	508	-	-3	4350	-	8.57	V
98	207	Piano 2	19-20	6	0.00	13.38	4.62	18.00	1	0	-1124	-	0	-3695	-	3.29	V
					302.46	3.08	8.64	11.72	1	0	758	-	-1	2505	-	3.31	V
					604.93	13.38	4.62	18.00	1	0	-1341	-	0	-3695	-	2.76	V
99	208	Piano 2	19-22	5	0.00	10.24	4.21	14.45	1	0	-1822	-	-1	-10278	-	5.64	V
					151.44	3.08	8.23	11.31	1	0	1450	-	0	8312	-	5.73	V
					302.88	10.24	4.21	14.45	1	0	-1669	-	-1	-10278	-	6.16	V
100	209	Piano 2	20-21	6	0.00	9.36	5.09	14.45	1	0	-245	-	0	-2663	-	10.86	V
					124.02	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.07	V
					186.02	9.36	5.09	14.45	1	0	88	-	0	1599	-	18.07	V
101	210	Piano 2	20-23	5	0.00	10.24	4.21	14.45	1	0	-2037	-	-1	-10278	-	5.05	V
					151.44	3.08	8.23	11.31	1	0	1544	-	0	8312	-	5.38	V
					227.17	10.24	4.21	14.45	1	0	771	-	-3	4350	-	5.64	V
102	211	Piano 2	21-24	5	0.00	10.24	4.21	14.45	1	0	-1416	-	-1	-10278	-	7.26	V
					146.65	3.08	8.23	11.31	1	0	837	-	0	8312	-	9.92	V
					219.98	10.24	4.21	14.45	1	0	494	-	-3	4350	-	8.81	V
103	212	Piano 2	22-23	6	0.00	13.38	4.62	18.00	1	0	-1136	-	0	-3695	-	3.25	V
					303.66	3.08	8.64	11.72	1	0	763	-	-1	2505	-	3.28	V
					607.32	13.38	4.62	18.00	1	0	-1349	-	0	-3695	-	2.74	V
104	213	Piano 2	22-25	5	0.00	10.24	4.21	14.45	1	0	-2462	-	-1	-10278	-	4.17	V
					151.44	3.08	8.23	11.31	1	0	1495	-	0	8312	-	5.56	V
					227.16	10.24	4.21	14.45	1	0	1078	-	-3	4350	-	4.04	V
105	214	Piano 2	23-24	6	0.00	9.36	5.09	14.45	1	0	-259	-	0	-2663	-	10.29	V
					122.89	9.36	5.09	14.45	1	0	139	-	0	1599	-	11.47	V
					184.33	9.36	5.09	14.45	1	0	92						

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106	215	Piano 2	23-26	5	0.00	10.24	4.21	14.45	1	0	-2858	-	-1	-10278	-	3.60	V
					189.31	3.08	8.23	11.31	1	0	1572	-	0	8312	-	5.29	V
					227.17	10.24	4.21	14.45	1	0	1170	-	-3	4350	-	3.72	V
107	216	Piano 2	24-27	5	0.00	10.24	4.21	14.45	1	0	-2357	-	-1	-10278	-	4.36	V
					195.29	3.08	8.23	11.31	1	0	1219	-	0	8312	-	6.82	V
					234.35	10.24	4.21	14.45	1	0	1105	-	-3	4350	-	3.93	V
108	217	Piano 2	25-26	6	0.00	13.38	4.62	18.00	1	0	-1148	-	0	-3695	-	3.22	V
					302.46	3.08	8.64	11.72	1	0	757	-	-1	2505	-	3.31	V
					604.93	13.38	4.62	18.00	1	0	-1316	-	0	-3695	-	2.81	V
109	218	Piano 2	25-29	5	0.00	10.24	4.21	14.45	1	0	-2583	-	-1	-10278	-	3.98	V
					156.53	3.08	8.23	11.31	1	0	1664	-	0	8312	-	5.00	V
					234.80	10.24	4.21	14.45	1	0	1232	-	-3	4350	-	3.53	V
110	219	Piano 2	26-27	6	0.00	9.36	5.09	14.45	1	0	-258	-	0	-2663	-	10.33	V
					124.02	9.36	5.09	14.45	1	0	111	-	0	1599	-	14.35	V
					248.03	9.36	5.09	14.45	1	0	-188	-	0	-2663	-	14.13	V
111	220	Piano 2	26-30	5	0.00	10.24	4.21	14.45	1	0	-2926	-	-1	-10278	-	3.51	V
					195.66	3.08	8.23	11.31	1	0	1912	-	0	8312	-	4.35	V
					234.80	10.24	4.21	14.45	1	0	1506	-	-3	4350	-	2.89	V
112	221	Piano 2	28-27	5	74.85	9.24	3.08	12.32	1	0	1316	-	0	3223	-	2.45	V
					112.27	3.08	6.16	9.24	1	0	1165	-	0	6269	-	5.38	V
					299.39	9.24	3.08	12.32	1	0	-2086	-	0	-9308	-	4.46	V
113	222	Piano 2	27-31	5	0.00	10.24	4.21	14.45	1	0	-1508	-	-1	-10278	-	6.82	V
					156.53	3.08	8.23	11.31	1	0	1413	-	0	8312	-	5.88	V
					234.80	10.24	4.21	14.45	1	0	896	-	-3	4350	-	4.86	V
114	223	Piano 2	32-28	5	0.00	13.38	3.08	16.46	1	0	-2547	-	0	-13234	-	5.20	V
					195.47	3.08	7.10	10.18	1	0	1646	-	0	7193	-	4.37	V
					234.56	16.52	3.08	19.60	1	0	1581	-	2	3237	-	2.05	V
115	224	Piano 2	29-30	5	151.23	6.16	6.16	12.32	1	0	1063	-	0	6267	-	5.90	V
					226.85	3.08	6.16	9.24	1	0	1416	-	0	6269	-	4.43	V
					604.93	9.24	3.08	12.32	1	0	-2652	-	0	-9308	-	3.51	V
116	225	Piano 2	29-33	5	0.00	10.24	4.21	14.45	1	0	-1685	-	-1	-10278	-	6.10	V
					149.05	3.08	8.23	11.31	1	0	1421	-	0	8312	-	5.85	V
					298.09	10.24	4.21	14.45	1	0	-1652	-	-1	-10278	-	6.22	V
117	226	Piano 2	30-31	5	0.00	9.24	3.08	12.32	1	0	-721	-	0	-9308	-	12.91	V
					93.01	3.08	6.16	9.24	1	0	-229	-	0	-3222	-	14.08	V
					248.03	9.24	3.08	12.32	1	0	-715	-	0	-9308	-	13.01	V
118	227	Piano 2	30-34	5	0.00	10.24	4.21	14.45	1	0	-1572	-	-1	-10278	-	6.54	V
					151.44	3.08	8.23	11.31	1	0	1596	-	0	8312	-	5.21	V
					302.88	10.24	4.21	14.45	1	0	-2017	-	-1	-10278	-	5.09	V
119	228	Piano 2	31-32	5	0.00	9.24	3.08	12.32	1	0	-693	-	0	-9308	-	13.43	V
					189.08	3.08	6.16	9.24	1	0	414	-	0	6269	-	15.12	V
					226.89	9.24	3.08	12.32	1	0	344	-	0	3223	-	9.36	V
120	229	Piano 2	31-35	5	0.00	10.24	4.21	14.45	1	0	-676	-	-1	-10278	-	15.21	V
					106.79	3.08	8.23	11.31	1	0	870	-	0	8312	-	9.55	V
					160.18	10.24	4.21	14.45	1	0	711	-	-3	4350	-	6.12	V
121	230	Piano 2	36-32	5	0.00	9.11	7.10	16.21	1	0	-1373	-	0	-9171	-	6.68	V
					144.29	3.08	7.10	10.18	1	0	998	-	0	7193	-	7.21	V
					288.57	9.11	7.10	16.21	1	0	-860	-	0	-9171	-	10.67	V
122	231	Piano 2	33-34	6	0.00	13.38	4.62	18.00	1	0	-1153	-	0	-3695	-	3.20	V
					302.47	3.08	8.64	11.72	1	0	762	-	-1	2505	-	3.29	V
					604.94	13.38	4.62	18.00	1	0	-1303	-	0	-3695	-	2.84	V
123	232	Piano 2	33-39	5	0.00	10.24	4.21	14.45	1	0	-3168	-	-1	-10278	-	3.24	V
					187.01	3.08	8.23	11.31	1	0	2461	-	0	8312	-	3.38	V
					280.52	10.24	4.21	14.45	1	0	1651	-	-3	4350	-	2.64	V
124	233	Piano 2	34-35	6	62.18	9.36	5.09	14.45	1	0	85	-	0	1599	-	18.71	V
					124.36	9.36	5.09	14.45	1	0	133	-	0	1599	-	12.00	V
					248.72	9.36	5.09	14.45	1	0	-288	-	0	-2663	-	9.23	V
125	234	Piano 2	34-40	5	0.00	10.24	4.21	14.45	1	0	-3045	-	-1	-10278	-	3.38	V
					179.62	3.08	8.23	11.31	1	0	2564	-	0	8312	-	3.24	V
					269.44	10.24	4.21	14.45	1	0	1641	-	-3	4350	-	2.65	V
126	235	Piano 2	35-36	5	75.63	9.24	3.08	12.32	1	0	495	-	0	3223	-	6.51	V
					151.26	3.08	6.16	9.24	1	0	895	-	0	6269	-	7.00	V
					226.89	9.24	3.08	12.32	1	0	539	-	0	3223	-	5.98	V
127	236	Piano 2	35-37	5	55.39	6.22	8.23	14.45	1	0	381	-	0	8307	-	21.81	V
					110.78	3.08	8.23	11.31	1	0	680	-	0	8312	-	12.23	V
					166.17	10.24	4.21	14.45	1	0	561	-	-3	4350	-	7.75	V
128	237	Piano 2	38-36	5	55.39	4.62	7.10	11.72	1	0	348	-	1	7192	-	20.65	V
					83.09	4.62	7.10	11.72	1	0	383	-	1	7192	-	18.78	V
					221.56	9.24	7.10	16.34	1	0	-722	-	0	-9306	-	12.89	V
129	238	Piano 2	37-38	5	75.63	9.24	3.08	12.32	1	0	746	-	0	3223	-	4.32	V
					151.26	3.08	6.16	9.24	1	0	1036	-	0	6269	-	6.05	V
					226.89	9.24	3.08	12.32	1	0	582	-	0	3223	-	5.54	V
130	239	Piano 2	37-41	5	14.00	10.24	4.21	14.45	1	0	211	-	-3	4350	-	20.61	V
					41.99	3.08	8.23	11.31	1	0	325	-	0	8312	-	25.57	V
					83.99	10.24	4.21	14.45	1	0	177	-	-3	4350	-	24.64	V
131	240	Piano 2	42-38	5	0.00	9.24	7.10	16.34	1	0	-200	-	0	-9306	-	46.60	V
					69.99	4.62	7.10	11.72	1	0	293	-	1	7192	-	24.56	V
					83.99	4.62	7.10	11.72	1	0	275	-	1	7192	-	26.11	V
132	241	Piano 2	39-40	5	152.13	6.16	6.16	12.32	1	0	1724	-	0	6267	-	3.64	V
					304.26	3.08	6.16	9.24	1	0	2473	-	0	6269	-	2.53	V
					608.52	9.24	3.08	12.32	1	0	-4036	-	0	-9308	-	2.31	V
133	242	Piano 2	40-41	5	0.00	9.24	3.08	12.32	1	0	-1117	-	0	-9308	-	8.33	V
					91.66	3.08	6.16	9.24	1	0	-282	-	0	-3222	-	11.43	V
					244.44	9.24	3.08	12.32	1	0	-1043	-	0	-9308	-	8.93	V
134	243	Piano 2	41-42	5	75.63	9.24	3.08	12.32	1	0	350	-	0	3223	-	9.21	V
					151.26	3.08	6.16	9.24	1	0	709	-	0	6269	-	8.85	V
					226.89	9.24	3.08	12.32	1	0	407	-	0	3223	-	7.91	V
135	286	Piano 3	1-2	5	151.23	6.16	6.16	12.32	1	0	1303	-	0	6267	-	4.81	V
					226.85	3.08	6.16	9.24	1	0	1643	-	0	6269	-	3.81	V
					604.93	9.24	3.08	12.32	1	0	-2488	-	0	-9308	-	3.74	V
136	287	Piano 3	1-4	5	93.54	7.16	9.17	16.34	1	0	1469	-	1	9224	-	6.28	V
					140.30	4.02	9.17	13.19	1	0	1815	-	-1	9229	-	5.08	V
					374.14	11.18	5.15	16.34	1	0	-2289	-	-1	-11193	-	4.89	V
137	288	Piano 3	2-3	5	0.00	9.24	3.08	12.32	1	0	-1609	-	0	-9308	-	5.78	V
					93.01	3.08	6.16	9.24	1								

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					217.03	9.24	3.08	12.32	1	0	82	-	0	3223	-	39.13	V
138	289	Piano 3	2-5	5	93.53	7.16	9.17	16.34	1	0	1815	-	1	9224	-	5.08	V
					140.29	4.02	9.17	13.19	1	0	2270	-	-1	9229	-	4.07	V
					374.10	11.18	5.15	16.34	1	0	-2825	-	-1	-11193	-	3.96	V
139	290	Piano 3	3-6	5	93.54	7.16	9.17	16.34	1	0	928	-	1	9224	-	9.94	V
					140.30	4.02	9.17	13.19	1	0	1140	-	-1	9229	-	8.10	V
					374.14	11.18	5.15	16.34	1	0	-1435	-	-1	-11193	-	7.80	V
140	291	Piano 3	4-5	6	0.00	13.38	4.62	18.00	1	0	-1102	-	0	-3695	-	3.35	V
					302.45	3.08	8.64	11.72	1	0	795	-	-1	2505	-	3.15	V
					604.90	13.38	4.62	18.00	1	0	-1288	-	0	-3695	-	2.87	V
141	292	Piano 3	4-7	5	0.00	10.24	4.21	14.45	1	0	-1286	-	-1	-10278	-	7.99	V
					151.44	3.08	8.23	11.31	1	0	776	-	0	8312	-	10.71	V
					302.88	10.24	4.21	14.45	1	0	-1241	-	-1	-10278	-	8.28	V
142	293	Piano 3	5-6	6	0.00	9.36	5.09	14.45	1	0	-354	-	0	-2663	-	7.53	V
					155.41	9.36	5.09	14.45	1	0	130	-	0	1599	-	12.27	V
					186.49	9.36	5.09	14.45	1	0	101	-	0	1599	-	15.82	V
143	294	Piano 3	5-8	5	0.00	10.24	4.21	14.45	1	0	-1696	-	-1	-10278	-	6.06	V
					151.46	3.08	8.23	11.31	1	0	936	-	0	8312	-	8.88	V
					302.93	10.24	4.21	14.45	1	0	-1584	-	-1	-10278	-	6.49	V
144	295	Piano 3	6-9	5	0.00	10.24	4.21	14.45	1	0	-827	-	-1	-10278	-	12.42	V
					151.44	3.08	8.23	11.31	1	0	495	-	0	8312	-	16.79	V
					302.88	10.24	4.21	14.45	1	0	-722	-	-1	-10278	-	14.23	V
145	296	Piano 3	7-8	6	0.00	13.38	4.62	18.00	1	0	-1100	-	0	-3695	-	3.36	V
					302.46	3.08	8.64	11.72	1	0	795	-	-1	2505	-	3.15	V
					604.93	13.38	4.62	18.00	1	0	-1289	-	0	-3695	-	2.87	V
146	297	Piano 3	7-10	5	0.00	10.24	4.21	14.45	1	0	-1042	-	-1	-10278	-	9.86	V
					151.44	3.08	8.23	11.31	1	0	987	-	0	8312	-	8.42	V
					227.16	10.24	4.21	14.45	1	0	473	-	-3	4350	-	9.20	V
147	298	Piano 3	8-9	6	0.00	9.36	5.09	14.45	1	0	-361	-	0	-2663	-	7.38	V
					155.02	9.36	5.09	14.45	1	0	131	-	0	1599	-	12.22	V
					186.02	9.36	5.09	14.45	1	0	104	-	0	1599	-	15.41	V
148	299	Piano 3	8-11	5	0.00	10.24	4.21	14.45	1	0	-1636	-	-1	-10278	-	6.28	V
					151.44	3.08	8.23	11.31	1	0	1295	-	0	8312	-	6.42	V
					227.16	10.24	4.21	14.45	1	0	828	-	-3	4350	-	5.25	V
149	300	Piano 3	9-12	5	0.00	10.24	4.21	14.45	1	0	-553	-	-1	-10278	-	18.57	V
					151.44	3.08	8.23	11.31	1	0	602	-	0	8312	-	13.81	V
					302.88	10.24	4.21	14.45	1	0	-783	-	-1	-10278	-	13.13	V
150	301	Piano 3	10-11	5	151.23	6.16	6.16	12.32	1	0	1430	-	0	6267	-	4.38	V
					226.85	3.08	6.16	9.24	1	0	1749	-	0	6269	-	3.58	V
					604.93	9.24	3.08	12.32	1	0	-2492	-	0	-9308	-	3.74	V
151	302	Piano 3	10-13	5	0.00	10.24	4.21	14.45	1	0	-861	-	-1	-10278	-	11.94	V
					151.44	3.08	8.23	11.31	1	0	978	-	0	8312	-	8.50	V
					302.88	10.24	4.21	14.45	1	0	-1262	-	-1	-10278	-	8.15	V
152	303	Piano 3	11-12	5	0.00	9.24	3.08	12.32	1	0	-1641	-	0	-9308	-	5.67	V
					93.01	3.08	6.16	9.24	1	0	-530	-	0	-3222	-	6.08	V
					217.03	9.24	3.08	12.32	1	0	35	-	0	3223	-	91.56	V
153	304	Piano 3	11-14	5	75.72	6.22	8.23	14.45	1	0	902	-	0	8307	-	9.21	V
					151.44	3.08	8.23	11.31	1	0	1287	-	0	8312	-	6.46	V
					302.88	10.24	4.21	14.45	1	0	-1805	-	-1	-10278	-	5.69	V
154	305	Piano 3	12-15	5	0.00	10.24	4.21	14.45	1	0	-672	-	-1	-10278	-	15.31	V
					151.44	3.08	8.23	11.31	1	0	591	-	0	8312	-	14.07	V
					302.88	10.24	4.21	14.45	1	0	-687	-	-1	-10278	-	14.96	V
155	306	Piano 3	13-14	6	0.00	13.38	4.62	18.00	1	0	-1090	-	0	-3695	-	3.39	V
					302.46	3.08	8.64	11.72	1	0	796	-	-1	2505	-	3.15	V
					604.93	13.38	4.62	18.00	1	0	-1298	-	0	-3695	-	2.85	V
156	307	Piano 3	13-16	5	0.00	10.24	4.21	14.45	1	0	-1044	-	-1	-10278	-	9.85	V
					156.53	3.08	8.23	11.31	1	0	1022	-	0	8312	-	8.13	V
					313.06	10.24	4.21	14.45	1	0	-1270	-	-1	-10278	-	8.09	V
157	308	Piano 3	14-15	6	0.00	9.36	5.09	14.45	1	0	-347	-	0	-2663	-	7.69	V
					155.02	9.36	5.09	14.45	1	0	127	-	0	1599	-	12.63	V
					186.02	9.36	5.09	14.45	1	0	96	-	0	1599	-	16.69	V
158	309	Piano 3	14-17	5	0.00	10.24	4.21	14.45	1	0	-1401	-	-1	-10278	-	7.34	V
					156.53	3.08	8.23	11.31	1	0	1252	-	0	8312	-	6.64	V
					313.06	10.24	4.21	14.45	1	0	-1598	-	-1	-10278	-	6.43	V
159	310	Piano 3	15-18	5	0.00	10.24	4.21	14.45	1	0	-652	-	-1	-10278	-	15.76	V
					156.53	3.08	8.23	11.31	1	0	639	-	0	8312	-	13.00	V
					313.06	10.24	4.21	14.45	1	0	-783	-	-1	-10278	-	13.13	V
160	311	Piano 3	16-17	6	0.00	13.38	4.62	18.00	1	0	-1071	-	0	-3695	-	3.45	V
					302.46	3.08	8.64	11.72	1	0	798	-	-1	2505	-	3.14	V
					604.93	13.38	4.62	18.00	1	0	-1313	-	0	-3695	-	2.81	V
161	312	Piano 3	16-19	5	0.00	10.24	4.21	14.45	1	0	-1090	-	-1	-10278	-	9.43	V
					156.53	3.08	8.23	11.31	1	0	1010	-	0	8312	-	8.23	V
					313.06	10.24	4.21	14.45	1	0	-1247	-	-1	-10278	-	8.24	V
162	313	Piano 3	17-18	6	0.00	9.36	5.09	14.45	1	0	-357	-	0	-2663	-	7.46	V
					155.02	9.36	5.09	14.45	1	0	128	-	0	1599	-	12.47	V
					186.02	9.36	5.09	14.45	1	0	100	-	0	1599	-	16.03	V
163	314	Piano 3	17-20	5	0.00	10.24	4.21	14.45	1	0	-1417	-	-1	-10278	-	7.25	V
					156.53	3.08	8.23	11.31	1	0	1282	-	0	8312	-	6.48	V
					313.06	10.24	4.21	14.45	1	0	-1523	-	-1	-10278	-	6.75	V
164	315	Piano 3	18-21	5	0.00	10.24	4.21	14.45	1	0	-757	-	-1	-10278	-	13.57	V
					156.53	3.08	8.23	11.31	1	0	619	-	0	8312	-	13.42	V
					313.06	10.24	4.21	14.45	1	0	-717	-	-1	-10278	-	14.33	V
165	316	Piano 3	19-20	6	0.00	13.38	4.62	18.00	1	0	-1059	-	0	-3695	-	3.49	V
					302.46	3.08	8.64	11.72	1	0	799	-	-1	2505	-	3.14	V
					604.93	13.38	4.62	18.00	1	0	-1323	-	0	-3695	-	2.79	V
166	317	Piano 3	19-22	5	0.00	10.24	4.21	14.45	1	0	-1170	-	-1	-10278	-	8.78	V
					151.44	3.08	8.23	11.31	1	0	877	-	0	8312	-	9.48	V
					302.88	10.24	4.21	14.45	1	0	-1163	-	-1	-10278	-	8.84	V
167	318	Piano 3	20-21	6	0.00	9.36	5.09	14.45	1	0	-358	-	0	-2663	-	7.44	V
					155.02	9.36	5.09	14.45	1	0	128	-	0	1599	-	12.49	V
					186.02	9.36	5.09	14.45	1	0	100	-	0	1599	-	16.02	V
168	319	Piano 3	20-23	5	0.00	10.24	4.21	14.45	1	0	-1497	-	-1	-10278	-	6.86	V
					151.44	3.08	8.23	11.31	1	0	1032	-	0	8312	-	8.06	V
					302.89	10.24	4.21	14.45	1	0	-1569	-	-1	-10278	-	6.55	V
169	320	Piano 3	21-24	5	0.00	10.24											

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					146.65	3.08	8.23	11.31	1	0	355	-	0	8312	-	23.38	V
					293.30	10.24	4.21	14.45	1	0	-822	-	-1	-10278	-	12.51	V
170	321	Piano 3	22-23	6	0.00	13.38	4.62	18.00	1	0	-1060	-	0	-3695	-	3.49	V
					303.66	3.08	8.64	11.72	1	0	806	-	-1	2505	-	3.11	V
					607.32	13.38	4.62	18.00	1	0	-1340	-	0	-3695	-	2.76	V
171	322	Piano 3	22-25	5	0.00	10.24	4.21	14.45	1	0	-1581	-	-1	-10278	-	6.50	V
					151.44	3.08	8.23	11.31	1	0	715	-	0	8312	-	11.62	V
					302.88	10.24	4.21	14.45	1	0	-1076	-	-1	-10278	-	9.55	V
172	323	Piano 3	23-24	6	0.00	9.36	5.09	14.45	1	0	-363	-	0	-2663	-	7.35	V
					153.61	9.36	5.09	14.45	1	0	126	-	0	1599	-	12.70	V
					184.33	9.36	5.09	14.45	1	0	100	-	0	1599	-	15.92	V
173	324	Piano 3	23-26	5	0.00	10.24	4.21	14.45	1	0	-2343	-	-1	-10278	-	4.39	V
					189.31	3.08	8.23	11.31	1	0	1320	-	0	8312	-	6.30	V
					227.17	10.24	4.21	14.45	1	0	1086	-	-3	4350	-	4.01	V
174	325	Piano 3	24-27	5	0.00	10.24	4.21	14.45	1	0	-1813	-	-1	-10278	-	5.67	V
					195.29	3.08	8.23	11.31	1	0	929	-	0	8312	-	8.95	V
					234.35	10.24	4.21	14.45	1	0	976	-	-3	4350	-	4.46	V
175	326	Piano 3	25-26	6	0.00	13.38	4.62	18.00	1	0	-1014	-	0	-3695	-	3.64	V
					302.46	3.08	8.64	11.72	1	0	803	-	-1	2505	-	3.12	V
					604.93	13.38	4.62	18.00	1	0	-1360	-	0	-3695	-	2.72	V
176	327	Piano 3	25-29	5	0.00	10.24	4.21	14.45	1	0	-1237	-	-1	-10278	-	8.31	V
					156.53	3.08	8.23	11.31	1	0	1377	-	0	8312	-	6.04	V
					234.80	10.24	4.21	14.45	1	0	861	-	-3	4350	-	5.05	V
177	328	Piano 3	26-27	6	0.00	9.36	5.09	14.45	1	0	-311	-	0	-2663	-	8.56	V
					155.02	9.36	5.09	14.45	1	0	111	-	0	1599	-	14.40	V
					248.03	9.36	5.09	14.45	1	0	-137	-	0	-2663	-	19.38	V
178	329	Piano 3	26-30	5	0.00	10.24	4.21	14.45	1	0	-2749	-	-1	-10278	-	3.74	V
					195.66	3.08	8.23	11.31	1	0	1655	-	0	8312	-	5.02	V
					234.80	10.24	4.21	14.45	1	0	1375	-	-3	4350	-	3.16	V
179	330	Piano 3	28-27	5	0.00	9.24	3.08	12.32	1	0	1131	-	0	3223	-	2.85	V
					112.27	3.08	6.16	9.24	1	0	751	-	0	6269	-	8.35	V
					299.39	9.24	3.08	12.32	1	0	-1860	-	0	-9308	-	5.00	V
180	331	Piano 3	27-31	5	0.00	10.24	4.21	14.45	1	0	-1250	-	-1	-10278	-	8.22	V
					156.53	3.08	8.23	11.31	1	0	1271	-	0	8312	-	6.54	V
					234.80	10.24	4.21	14.45	1	0	839	-	-3	4350	-	5.18	V
181	332	Piano 3	32-28	5	0.00	13.38	3.08	16.46	1	0	-1753	-	0	-13234	-	7.55	V
					195.47	3.08	7.10	10.18	1	0	1124	-	0	7193	-	6.40	V
					234.56	16.52	3.08	19.60	1	0	1092	-	2	3237	-	2.96	V
182	333	Piano 3	29-30	5	75.62	9.24	3.08	12.32	1	0	1042	-	0	3223	-	3.09	V
					226.85	3.08	6.16	9.24	1	0	1870	-	0	6269	-	3.35	V
					604.93	9.24	3.08	12.32	1	0	-2863	-	0	-9308	-	3.25	V
183	334	Piano 3	29-33	5	0.00	10.24	4.21	14.45	1	0	-1005	-	-1	-10278	-	10.23	V
					149.05	3.08	8.23	11.31	1	0	1058	-	0	8312	-	7.85	V
					298.09	10.24	4.21	14.45	1	0	-1285	-	-1	-10278	-	8.00	V
184	335	Piano 3	30-31	5	0.00	9.24	3.08	12.32	1	0	-789	-	0	-9308	-	11.79	V
					93.01	3.08	6.16	9.24	1	0	-261	-	0	-3222	-	12.36	V
					248.03	9.24	3.08	12.32	1	0	-687	-	0	-9308	-	13.55	V
185	336	Piano 3	30-34	5	0.00	10.24	4.21	14.45	1	0	-1146	-	-1	-10278	-	8.97	V
					151.44	3.08	8.23	11.31	1	0	1408	-	0	8312	-	5.91	V
					302.88	10.24	4.21	14.45	1	0	-1766	-	-1	-10278	-	5.82	V
186	337	Piano 3	31-32	5	0.00	9.24	3.08	12.32	1	0	-890	-	0	-9308	-	10.46	V
					189.08	3.08	6.16	9.24	1	0	423	-	0	6269	-	14.82	V
					226.89	9.24	3.08	12.32	1	0	394	-	0	3223	-	8.18	V
187	338	Piano 3	31-35	5	53.39	6.22	8.23	14.45	1	0	605	-	0	8307	-	13.73	V
					106.79	3.08	8.23	11.31	1	0	789	-	0	8312	-	10.54	V
					160.18	10.24	4.21	14.45	1	0	441	-	-3	4350	-	9.86	V
188	339	Piano 3	36-32	5	0.00	9.11	7.10	16.21	1	0	-1364	-	0	-9171	-	6.72	V
					186.61	3.08	7.10	10.18	1	0	676	-	0	7193	-	10.64	V
					223.93	9.11	7.10	16.21	1	0	531	-	-2	7190	-	13.55	V
189	340	Piano 3	33-34	6	0.00	13.38	4.62	18.00	1	0	-1050	-	0	-3695	-	3.52	V
					302.47	3.08	8.64	11.72	1	0	793	-	-1	2505	-	3.16	V
					604.94	13.38	4.62	18.00	1	0	-1344	-	0	-3695	-	2.75	V
190	341	Piano 3	33-39	5	0.00	10.24	4.21	14.45	1	0	-2203	-	-1	-10278	-	4.67	V
					187.01	3.08	8.23	11.31	1	0	1871	-	0	8312	-	4.44	V
					280.52	10.24	4.21	14.45	1	0	1325	-	-3	4350	-	3.28	V
191	342	Piano 3	34-35	6	62.18	9.36	5.09	14.45	1	0	103	-	0	1599	-	15.56	V
					93.27	9.36	5.09	14.45	1	0	144	-	0	1599	-	11.11	V
					248.72	9.36	5.09	14.45	1	0	-297	-	0	-2663	-	8.97	V
192	343	Piano 3	34-40	5	0.00	10.24	4.21	14.45	1	0	-2390	-	-1	-10278	-	4.30	V
					184.62	3.08	8.23	11.31	1	0	2145	-	0	8312	-	3.87	V
					276.94	10.24	4.21	14.45	1	0	1179	-	-3	4350	-	3.69	V
193	344	Piano 3	35-36	5	0.00	9.24	3.08	12.32	1	0	-841	-	0	-9308	-	11.07	V
					189.08	3.08	6.16	9.24	1	0	388	-	0	6269	-	16.18	V
					226.89	9.24	3.08	12.32	1	0	336	-	0	3223	-	9.58	V
194	345	Piano 3	35-37	5	55.39	6.22	8.23	14.45	1	0	602	-	0	8307	-	13.79	V
					110.78	3.08	8.23	11.31	1	0	1022	-	0	8312	-	8.14	V
					166.17	10.24	4.21	14.45	1	0	871	-	-3	4350	-	5.00	V
195	346	Piano 3	38-36	5	55.39	4.62	7.10	11.72	1	0	477	-	1	7192	-	15.08	V
					83.09	4.62	7.10	11.72	1	0	545	-	1	7192	-	13.19	V
					221.56	9.24	7.10	16.34	1	0	-635	-	0	-9306	-	14.67	V
196	347	Piano 3	37-38	5	75.63	9.24	3.08	12.32	1	0	271	-	0	3223	-	11.88	V
					151.26	3.08	6.16	9.24	1	0	463	-	0	6269	-	13.53	V
					226.89	9.24	3.08	12.32	1	0	266	-	0	3223	-	12.11	V
197	348	Piano 3	37-41	5	14.00	10.24	4.21	14.45	1	0	244	-	-3	4350	-	17.86	V
					41.99	3.08	8.23	11.31	1	0	211	-	0	8312	-	39.34	V
					111.98	10.24	4.21	14.45	1	0	-507	-	-1	-10278	-	20.28	V
198	349	Piano 3	42-38	5	0.00	9.24	7.10	16.34	1	0	-504	-	0	-9306	-	18.46	V
					69.99	4.62	7.10	11.72	1	0	135	-	1	7192	-	53.25	V
					97.98	9.24	7.10	16.34	1	0	209	-	2	7190	-	34.38	V
199	350	Piano 3	39-40	5	76.07	9.24	3.08	12.32	1	0	897	-	0	3223	-	3.59	V
					228.20	3.08	6.16	9.24	1	0	1811	-	0	6269	-	3.46	V
					608.52	9.24	3.08	12.32	1	0	-2789	-	0	-9308	-	3.34	V
200	351	Piano 3	40-41	5	0.00	9.24	3.08	12.32	1	0	-514	-	0	-9308	-	18.12	V
					152.77	3.08	6.16	9.24	1	0	-225	-	0	-3222	-	14.29	V
					244.44	9.24	3.08	12.32	1	0							

Relazione di calcolo

201	352	Piano 3	41-42	5	0.00	9.24	3.08	12.32	1	0	-696	-	0	-9308	-	13.37	V
					189.08	3.08	6.16	9.24	1	0	349	-	0	6269	-	17.95	V
					226.89	9.24	3.08	12.32	1	0	267	-	0	3223	-	12.09	V
202	395	Piano 4	25-26	6	0.00	13.38	4.62	18.00	1	0	-920	-	0	-3695	-	4.02	V
					318.53	3.08	8.64	11.72	1	0	746	-	-1	2505	-	3.36	V
					637.07	13.38	4.62	18.00	1	0	-1201	-	0	-3695	-	3.08	V
203	396	Piano 4	25-29	5	78.52	6.22	8.23	14.45	1	0	792	-	0	8307	-	10.48	V
					157.04	3.08	8.23	11.31	1	0	1328	-	0	8312	-	6.26	V
					235.56	10.24	4.21	14.45	1	0	770	-	-3	4350	-	5.65	V
204	397	Piano 4	26-27	6	0.00	9.36	5.09	14.45	1	0	-369	-	0	-2663	-	7.21	V
					160.89	9.36	5.09	14.45	1	0	76	-	0	1599	-	20.93	V
					257.42	9.36	5.09	14.45	1	0	-105	-	0	-2663	-	25.34	V
205	398	Piano 4	26-30	5	0.00	10.24	4.21	14.45	1	0	-1645	-	-1	-10278	-	6.25	V
					156.53	3.08	8.23	11.31	1	0	1699	-	0	8312	-	4.89	V
					234.80	10.24	4.21	14.45	1	0	1307	-	-3	4350	-	3.33	V
206	399	Piano 4	28-27	5	38.92	9.24	3.08	12.32	1	0	877	-	0	3223	-	3.68	V
					116.77	3.08	6.16	9.24	1	0	738	-	0	6269	-	8.49	V
					311.38	9.24	3.08	12.32	1	0	-1299	-	0	-9308	-	7.16	V
207	400	Piano 4	27-31	5	0.00	10.24	4.21	14.45	1	0	-949	-	-1	-10278	-	10.83	V
					156.53	3.08	8.23	11.31	1	0	1317	-	0	8312	-	6.31	V
					234.80	10.24	4.21	14.45	1	0	927	-	-3	4350	-	4.69	V
208	401	Piano 4	32-28	5	0.00	13.38	3.08	16.46	1	0	-1287	-	0	-13234	-	10.28	V
					195.47	3.08	7.10	10.18	1	0	1088	-	0	7193	-	6.61	V
					234.56	16.52	3.08	19.60	1	0	1008	-	2	3237	-	3.21	V
209	402	Piano 4	29-30	5	78.60	9.24	3.08	12.32	1	0	1086	-	0	3223	-	2.97	V
					235.80	3.08	6.16	9.24	1	0	1961	-	0	6269	-	3.20	V
					628.81	9.24	3.08	12.32	1	0	-2507	-	0	-9308	-	3.71	V
210	403	Piano 4	29-33	5	0.00	10.24	4.21	14.45	1	0	-797	-	-1	-10278	-	12.89	V
					149.05	3.08	8.23	11.31	1	0	931	-	0	8312	-	8.93	V
					298.09	10.24	4.21	14.45	1	0	-1292	-	-1	-10278	-	7.95	V
211	404	Piano 4	30-31	5	0.00	9.24	3.08	12.32	1	0	-1359	-	0	-9308	-	6.85	V
					96.53	3.08	6.16	9.24	1	0	-592	-	0	-3222	-	5.45	V
					257.42	9.24	3.08	12.32	1	0	-590	-	0	-9308	-	15.77	V
212	405	Piano 4	30-34	5	0.00	10.24	4.21	14.45	1	0	-960	-	-1	-10278	-	10.71	V
					151.44	3.08	8.23	11.31	1	0	1209	-	0	8312	-	6.88	V
					302.88	10.24	4.21	14.45	1	0	-1718	-	-1	-10278	-	5.98	V
213	406	Piano 4	31-32	5	0.00	9.24	3.08	12.32	1	0	-804	-	0	-9308	-	11.58	V
					196.51	3.08	6.16	9.24	1	0	527	-	0	6269	-	11.90	V
					235.82	9.24	3.08	12.32	1	0	508	-	0	3223	-	6.35	V
214	407	Piano 4	31-35	5	53.39	6.22	8.23	14.45	1	0	498	-	0	8307	-	16.69	V
					106.79	3.08	8.23	11.31	1	0	650	-	0	8312	-	12.78	V
					160.18	10.24	4.21	14.45	1	0	325	-	-3	4350	-	13.38	V
215	408	Piano 4	36-32	5	0.00	9.11	7.10	16.21	1	0	-950	-	0	-9171	-	9.65	V
					149.29	3.08	7.10	10.18	1	0	580	-	0	7193	-	12.39	V
					298.57	9.11	7.10	16.21	1	0	-584	-	0	-9171	-	15.70	V
216	409	Piano 4	33-34	6	0.00	13.38	4.62	18.00	1	0	-923	-	0	-3695	-	4.00	V
					314.41	3.08	8.64	11.72	1	0	730	-	-1	2505	-	3.43	V
					628.82	13.38	4.62	18.00	1	0	-1183	-	0	-3695	-	3.12	V
217	410	Piano 4	33-39	5	0.00	10.24	4.21	14.45	1	0	-2020	-	-1	-10278	-	5.09	V
					187.01	3.08	8.23	11.31	1	0	1813	-	0	8312	-	4.59	V
					280.52	10.24	4.21	14.45	1	0	1413	-	-3	4350	-	3.08	V
218	411	Piano 4	34-35	6	0.00	9.36	5.09	14.45	1	0	-142	-	0	-2663	-	18.77	V
					129.05	9.36	5.09	14.45	1	0	96	-	0	1599	-	16.59	V
					258.09	9.36	5.09	14.45	1	0	-282	-	0	-2663	-	9.46	V
219	412	Piano 4	34-40	5	0.00	10.24	4.21	14.45	1	0	-2189	-	-1	-10278	-	4.70	V
					184.62	3.08	8.23	11.31	1	0	2097	-	0	8312	-	3.96	V
					276.94	10.24	4.21	14.45	1	0	1365	-	-3	4350	-	3.19	V
220	413	Piano 4	35-36	5	0.00	9.24	3.08	12.32	1	0	-1129	-	0	-9308	-	8.25	V
					196.51	3.08	6.16	9.24	1	0	899	-	0	6269	-	6.98	V
					235.82	9.24	3.08	12.32	1	0	824	-	0	3223	-	3.91	V
221	414	Piano 4	35-37	5	0.00	10.24	4.21	14.45	1	0	-492	-	-1	-10278	-	20.89	V
					138.82	3.08	8.23	11.31	1	0	758	-	0	8312	-	10.97	V
					166.58	10.24	4.21	14.45	1	0	754	-	-3	4350	-	5.77	V
222	415	Piano 4	38-36	5	55.39	4.62	7.10	11.72	1	0	323	-	1	7192	-	22.25	V
					83.09	4.62	7.10	11.72	1	0	279	-	1	7192	-	25.82	V
					221.56	9.24	7.10	16.34	1	0	-681	-	0	-9306	-	13.66	V
223	416	Piano 4	37-38	5	77.42	9.24	3.08	12.32	1	0	667	-	0	3223	-	4.83	V
					154.85	3.08	6.16	9.24	1	0	1035	-	0	6269	-	6.06	V
					232.27	9.24	3.08	12.32	1	0	783	-	0	3223	-	4.12	V
224	417	Piano 4	37-41	5	14.13	10.24	4.21	14.45	1	0	514	-	-3	4350	-	8.46	V
					42.38	3.08	8.23	11.31	1	0	475	-	0	8312	-	17.49	V
					84.76	10.24	4.21	14.45	1	0	169	-	-3	4350	-	25.77	V
225	418	Piano 4	42-38	5	0.00	9.24	7.10	16.34	1	0	-208	-	0	-9306	-	44.67	V
					69.99	4.62	7.10	11.72	1	0	335	-	1	7192	-	21.49	V
					97.98	9.24	7.10	16.34	1	0	386	-	2	7190	-	18.63	V
226	419	Piano 4	39-40	5	79.04	9.24	3.08	12.32	1	0	969	-	0	3223	-	3.32	V
					237.11	3.08	6.16	9.24	1	0	1923	-	0	6269	-	3.26	V
					632.28	9.24	3.08	12.32	1	0	-2424	-	0	-9308	-	3.84	V
227	420	Piano 4	40-41	5	0.00	9.24	3.08	12.32	1	0	-1176	-	0	-9308	-	7.91	V
					95.22	3.08	6.16	9.24	1	0	-529	-	0	-3222	-	6.09	V
					253.92	9.24	3.08	12.32	1	0	-693	-	0	-9308	-	13.43	V
228	421	Piano 4	41-42	5	0.00	9.24	3.08	12.32	1	0	-686	-	0	-9308	-	13.58	V
					196.51	3.08	6.16	9.24	1	0	566	-	0	6269	-	11.08	V
					235.82	9.24	3.08	12.32	1	0	531	-	0	3223	-	6.07	V

4.2.2.2.1.2 Capacità Deformazione - PGA SLC = 0.0000 g.

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

FaTA e-version - Vers 34.1.7

Relazione di calcolo

9	76	Piano 1	5-8	5	Ini	1.01	0.00	2.50	2.50	12	4718	6108	9492	2	25.0	293	498.08	2.01	V
10	77	Piano 1	6-9	5	Ini	1.01	0.00	2.50	2.50	14	2971	6108	9492	2	25.0	293	422.38	3.19	V
11	78	Piano 1	7-8	6	Ini	1.01	0.00	2.50	2.50	0	1351	9475	2876	2	25.0	605	-	2.13	V
12	79	Piano 1	7-10	5	Ini	1.01	0.00	2.50	2.50	26	4225	6108	9492	2	25.0	293	233.02	2.25	V
13	80	Piano 1	8-9	6	Ini	1.01	0.00	2.50	2.50	47	741	9475	2876	2	25.0	248	202.79	3.88	V
14	81	Piano 1	8-11	5	Ini	1.01	0.00	2.50	2.50	11	4800	6108	9492	2	25.0	293	560.58	1.98	V
15	82	Piano 1	9-12	5	Ini	1.01	0.00	2.50	2.50	7	2755	6108	9492	2	25.0	293	836.13	3.44	V
16	83	Piano 1	10-11	5	Ini	1.01	0.00	2.50	2.50	2	2537	6091	9475	2	25.0	605	3136.35	3.73	V
17	84	Piano 1	10-13	5	Ini	1.01	0.00	2.50	2.50	16	4117	6108	9492	2	25.0	293	388.63	2.31	V
18	85	Piano 1	11-12	5	Ini	1.01	0.00	2.50	2.50	46	2242	6091	9475	2	25.0	248	133.53	4.23	V
19	86	Piano 1	11-14	5	Ini	1.01	0.00	2.50	2.50	10	4513	6108	9492	2	25.0	293	621.30	2.10	V
20	87	Piano 1	12-15	5	Ini	1.01	0.00	2.50	2.50	16	2838	6108	9492	2	25.0	293	390.80	3.34	V
21	88	Piano 1	13-14	6	Ini	1.01	0.00	2.50	2.50	4	1352	9475	2876	2	25.0	605	2174.24	2.13	V
22	89	Piano 1	13-16	5	Ini	1.01	0.00	2.50	2.50	9	4275	6108	9492	2	25.0	303	648.28	2.22	V
23	90	Piano 1	14-15	6	Ini	1.01	0.00	2.50	2.50	51	734	9475	2876	2	25.0	248	184.84	3.92	V
24	91	Piano 1	14-17	5	Ini	1.01	0.00	2.50	2.50	12	4589	6108	9492	2	25.0	303	522.68	2.07	V
25	92	Piano 1	15-18	5	Ini	1.01	0.00	2.50	2.50	12	2882	6108	9492	2	25.0	303	512.96	3.29	V
26	93	Piano 1	16-17	6	Ini	1.01	0.00	2.50	2.50	1	1355	9475	2876	2	25.0	605	9095.48	2.12	V
27	94	Piano 1	16-19	5	Ini	1.01	0.00	2.50	2.50	10	4331	6108	9492	2	25.0	303	641.97	2.19	V
28	95	Piano 1	17-18	6	Ini	1.01	0.00	2.50	2.50	55	754	9475	2876	2	25.0	248	171.40	3.82	V
29	96	Piano 1	17-20	5	Ini	1.01	0.00	2.50	2.50	20	4679	6108	9492	2	25.0	303	303.58	2.03	V
30	97	Piano 1	18-21	5	Ini	1.01	0.00	2.50	2.50	18	2977	6108	9492	2	25.0	303	334.39	3.19	V
31	98	Piano 1	19-20	6	Ini	1.01	0.00	2.50	2.50	5	1358	9475	2876	2	25.0	605	2089.48	2.12	V
32	99	Piano 1	19-22	5	Ini	1.01	0.00	2.50	2.50	13	4332	6108	9492	2	25.0	293	480.66	2.19	V
33	100	Piano 1	20-21	6	Ini	1.01	0.00	2.50	2.50	67	759	9475	2876	2	25.0	248	140.47	3.79	V
34	101	Piano 1	20-23	5	Ini	1.01	0.00	2.50	2.50	28	4706	6108	9492	2	25.0	293	215.54	2.02	V
35	102	Piano 1	21-24	5	Ini	1.01	0.00	2.50	2.50	23	3006	6108	9492	2	25.0	283	262.01	3.16	V
36	103	Piano 1	22-23	6	Ini	1.01	0.00	2.50	2.50	14	1366	9475	2876	2	25.0	607	692.31	2.11	V
37	104	Piano 1	22-25	5	Ini	1.01	0.00	2.50	2.50	62	4674	6108	9492	2	25.0	293	98.50	2.03	V
38	105	Piano 1	23-24	6	Ini	1.01	0.00	2.50	2.50	110	753	9475	2876	2	25.0	246	86.52	3.82	V
39	106	Piano 1	23-26	5	Ini	1.01	0.00	2.50	2.50	94	5160	6108	9492	2	25.0	293	65.27	1.84	V
40	107	Piano 1	24-27	5	Ini	1.01	0.00	2.50	2.50	83	3480	6108	9492	2	25.0	302	73.30	2.73	V
41	108	Piano 1	25-26	6	Ini	1.01	0.00	2.50	2.50	1	1364	9475	2876	2	25.0	605	6719.74	2.11	V
42	109	Piano 1	25-29	5	Ini	1.01	0.00	2.50	2.50	24	4859	6108	9492	2	25.0	303	252.77	1.95	V
43	110	Piano 1	26-27	6	Ini	1.01	0.00	2.50	2.50	37	626	9475	2876	2	25.0	248	256.73	4.60	V
44	111	Piano 1	26-30	5	Ini	1.01	0.00	2.50	2.50	75	5417	6108	9492	2	25.0	303	81.43	1.75	V
45	112	Piano 1	28-27	5	Ini	1.01	0.00	2.50	2.50	90	3418	6091	9475	2	25.0	299	67.42	2.77	V
46	113	Piano 1	27-31	5	Ini	1.01	0.00	2.50	2.50	109	3593	6108	9492	2	25.0	303	55.79	2.64	V
47	114	Piano 1	32-28	5	Ini	1.01	0.00	2.50	2.50	66	4051	6091	9475	2	25.0	313	92.97	2.34	V
48	115	Piano 1	29-30	5	Ini	1.01	0.00	2.50	2.50	23	2596	6091	9475	2	25.0	605	259.65	3.65	V
49	116	Piano 1	29-33	5	Ini	1.01	0.00	2.50	2.50	36	4020	6108	9492	2	25.0	288	170.49	2.36	V
50	117	Piano 1	30-31	5	Ini	1.01	0.00	2.50	2.50	45	1597	6091	9475	2	25.0	248	135.29	5.93	V
51	118	Piano 1	30-34	5	Ini	1.01	0.00	2.50	2.50	31	4333	6108	9492	2	25.0	293	196.94	2.19	V
52	119	Piano 1	31-32	5	Ini	1.01	0.00	2.50	2.50	106	1407	6091	9475	2	25.0	303	57.50	6.73	V
53	120	Piano 1	31-35	5	Ini	1.01	0.00	2.50	2.50	50	3121	6108	9492	2	25.0	204	121.66	3.04	V
54	121	Piano 1	36-32	5	Ini	1.01	0.00	2.50	2.50	37	2936	6091	9475	2	25.0	279	163.58	3.23	V
55	122	Piano 1	33-34	6	Ini	1.01	0.00	2.50	2.50	16	1356	9475	2876	2	25.0	605	585.94	2.12	V
56	123	Piano 1	33-39	5	Ini	1.01	0.00	2.50	2.50	13	5804	6108	9492	2	25.0	354	459.64	1.64	V
57	124	Piano 1	34-35	6	Ini	1.01	0.00	2.50	2.50	4	634	9475	2876	2	25.0	249	2278.65	4.54	V
58	125	Piano 1	34-40	5	Ini	1.01	0.00	2.50	2.50	4	5973	6108	9492	2	25.0	349	1393.49	1.59	V
59	126	Piano 1	35-36	5	Ini	1.01	0.00	2.50	2.50	49	2147	6091	9475	2	25.0	303	125.12	4.41	V
60	127	Piano 1	35-37	5	Ini	1.01	0.00	2.50	2.50	25	1700	6108	9492	2	25.0	222	241.11	5.58	V
61	128	Piano 1	38-	5	Ini	1.01	0.00	2.50	2.50	9	1517	6091	9475	2	25.0	222	708.92	6.25	V

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62	129	Piano 1	36-37-38	5	Ini	1.01	0.00	2.50	2.50	42	1992	6091	9475	2	25.0	303	145.64	4.76	V
63	130	Piano 1	37-41	5	Ini	1.01	0.00	2.50	2.50	134	2267	6108	9492	2	25.0	102	45.60	4.19	V
64	131	Piano 1	42-38	5	Ini	1.01	0.00	2.50	2.50	91	2466	6091	9475	2	25.0	102	66.77	3.84	V
65	132	Piano 1	39-40	5	Ini	1.01	0.00	2.50	2.50	3	4109	6091	9475	2	25.0	609	2289.88	2.31	V
66	133	Piano 1	40-41	5	Ini	1.01	0.00	2.50	2.50	8	2065	6091	9475	2	25.0	244	791.47	4.59	V
67	134	Piano 1	41-42	5	Ini	1.01	0.00	2.50	2.50	47	1946	6091	9475	2	25.0	303	129.63	4.87	V
68	177	Piano 2	1-2	5	Ini	1.01	0.00	2.50	2.50	7	3866	6091	9475	2	25.0	605	813.14	2.45	V
69	178	Piano 2	1-4	5	Ini	1.01	0.00	2.50	2.50	15	5853	6108	9492	2	25.0	374	395.53	1.62	V
70	179	Piano 2	2-3	5	Ini	1.01	0.00	2.50	2.50	8	2248	6091	9475	2	25.0	248	731.07	4.21	V
71	180	Piano 2	2-5	5	Ini	1.01	0.00	2.50	2.50	18	6287	6108	9492	2	25.0	374	344.09	1.51	V
72	181	Piano 2	3-6	5	Ini	1.01	0.00	2.50	2.50	13	3827	6108	9492	2	25.0	374	460.07	2.48	V
73	182	Piano 2	4-5	6	Ini	1.01	0.00	2.50	2.50	7	1343	9475	2876	2	25.0	605	1421.55	2.14	V
74	183	Piano 2	4-7	5	Ini	1.01	0.00	2.50	2.50	1	4318	6108	9492	2	25.0	303	4570.94	2.20	V
75	184	Piano 2	5-6	6	Ini	1.01	0.00	2.50	2.50	5	589	9475	2876	2	25.0	249	1869.68	4.88	V
76	185	Piano 2	5-8	5	Ini	1.01	0.00	2.50	2.50	3	4616	6108	9492	2	25.0	303	2412.79	2.06	V
77	186	Piano 2	6-9	5	Ini	1.01	0.00	2.50	2.50	4	2796	6108	9492	2	25.0	303	1414.61	3.40	V
78	187	Piano 2	7-8	6	Ini	1.01	0.00	2.50	2.50	2	1343	9475	2876	2	25.0	605	5890.17	2.14	V
79	188	Piano 2	7-10	5	Ini	1.01	0.00	2.50	2.50	13	4271	6108	9492	2	25.0	303	466.12	2.22	V
80	189	Piano 2	8-9	6	Ini	1.01	0.00	2.50	2.50	27	592	9475	2876	2	25.0	248	350.45	4.86	V
81	190	Piano 2	8-11	5	Ini	1.01	0.00	2.50	2.50	24	4743	6108	9492	2	25.0	303	252.77	2.00	V
82	191	Piano 2	9-12	5	Ini	1.01	0.00	2.50	2.50	24	2862	6108	9492	2	25.0	303	259.26	3.32	V
83	192	Piano 2	10-11	5	Ini	1.01	0.00	2.50	2.50	3	2361	6091	9475	2	25.0	605	2009.07	4.01	V
84	193	Piano 2	10-13	5	Ini	1.01	0.00	2.50	2.50	6	4398	6108	9492	2	25.0	303	1023.04	2.16	V
85	194	Piano 2	11-12	5	Ini	1.01	0.00	2.50	2.50	28	1269	6091	9475	2	25.0	248	218.41	7.47	V
86	195	Piano 2	11-14	5	Ini	1.01	0.00	2.50	2.50	3	4929	6108	9492	2	25.0	303	2336.58	1.93	V
87	196	Piano 2	12-15	5	Ini	1.01	0.00	2.50	2.50	1	2784	6108	9492	2	25.0	303	-	3.41	V
88	197	Piano 2	13-14	6	Ini	1.01	0.00	2.50	2.50	4	1345	9475	2876	2	25.0	605	2121.95	2.14	V
89	198	Piano 2	13-16	5	Ini	1.01	0.00	2.50	2.50	7	4469	6108	9492	2	25.0	313	829.63	2.12	V
90	199	Piano 2	14-15	6	Ini	1.01	0.00	2.50	2.50	31	580	9475	2876	2	25.0	248	306.00	4.96	V
91	200	Piano 2	14-17	5	Ini	1.01	0.00	2.50	2.50	23	4811	6108	9492	2	25.0	313	270.67	1.97	V
92	201	Piano 2	15-18	5	Ini	1.01	0.00	2.50	2.50	18	2895	6108	9492	2	25.0	313	340.41	3.28	V
93	202	Piano 2	16-17	6	Ini	1.01	0.00	2.50	2.50	11	1349	9475	2876	2	25.0	605	847.26	2.13	V
94	203	Piano 2	16-19	5	Ini	1.01	0.00	2.50	2.50	15	4410	6108	9492	2	25.0	313	420.83	2.15	V
95	204	Piano 2	17-18	6	Ini	1.01	0.00	2.50	2.50	58	582	9475	2876	2	25.0	248	162.86	4.94	V
96	205	Piano 2	17-20	5	Ini	1.01	0.00	2.50	2.50	37	4733	6108	9492	2	25.0	313	163.75	2.01	V
97	206	Piano 2	18-21	5	Ini	1.01	0.00	2.50	2.50	28	2893	6108	9492	2	25.0	313	215.81	3.28	V
98	207	Piano 2	19-20	6	Ini	1.01	0.00	2.50	2.50	16	1352	9475	2876	2	25.0	605	605.21	2.13	V
99	208	Piano 2	19-22	5	Ini	1.01	0.00	2.50	2.50	19	4270	6108	9492	2	25.0	303	326.65	2.22	V
100	209	Piano 2	20-21	6	Ini	1.01	0.00	2.50	2.50	80	584	9475	2876	2	25.0	248	118.11	4.93	V
101	210	Piano 2	20-23	5	Ini	1.01	0.00	2.50	2.50	49	4630	6108	9492	2	25.0	303	125.23	2.05	V
102	211	Piano 2	21-24	5	Ini	1.01	0.00	2.50	2.50	41	2874	6108	9492	2	25.0	293	149.28	3.30	V
103	212	Piano 2	22-23	6	Ini	1.01	0.00	2.50	2.50	17	1356	9475	2876	2	25.0	607	557.34	2.12	V
104	213	Piano 2	22-25	5	Ini	1.01	0.00	2.50	2.50	28	4723	6108	9492	2	25.0	303	214.35	2.01	V
105	214	Piano 2	23-24	6	Ini	1.01	0.00	2.50	2.50	92	591	9475	2876	2	25.0	246	103.34	4.86	V
106	215	Piano 2	23-26	5	Ini	1.01	0.00	2.50	2.50	53	5173	6108	9492	2	25.0	303	115.66	1.83	V
107	216	Piano 2	24-27	5	Ini	1.01	0.00	2.50	2.50	42	3589	6108	9492	2	25.0	312	145.89	2.64	V
108	217	Piano 2	25-26	6	Ini	1.01	0.00	2.50	2.50	4	1343	9475	2876	2	25.0	605	2259.06	2.14	V
109	218	Piano 2	25-29	5	Ini	1.01	0.00	2.50	2.50	25	4890	6108	9492	2	25.0	313	240.40	1.94	V
110	219	Piano 2	26-27	6	Ini	1.01	0.00	2.50	2.50	20	567	9475	2876	2	25.0	248	478.62	5.07	V
111	220	Piano 2	26-30	5	Ini	1.01	0.00	2.50	2.50	46	5399	6108	9492	2	25.0	313	131.81	1.76	V
112	221	Piano 2	28-27	5	Ini	1.01	0.00	2.50	2.50	46	2797	6091	9475	2	25.0	299	131.10	3.39	V
113	222	Piano 2	27-31	5	Ini	1.01	0.00	2.50	2.50	59	3541	6108	9492	2	25.0	313	103.23	2.68	V
114	223	Piano 2	32-28	5	Ini	1.01	0.00	2.50	2.50	27	4070	6091	9475	2	25.0	313	222.32	2.33	V

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115	224	Piano 2	29-30	5	Ini	1.01	0.00	2.50	2.50	27	2361	6091	9475	2	25.0	605	229.45	4.01	V
116	225	Piano 2	29-33	5	Ini	1.01	0.00	2.50	2.50	40	4156	6108	9492	2	25.0	298	153.11	2.28	V
117	226	Piano 2	30-31	5	Ini	1.01	0.00	2.50	2.50	60	846	6091	9475	2	25.0	248	100.73	11.20	V
118	227	Piano 2	30-34	5	Ini	1.01	0.00	2.50	2.50	59	4590	6108	9492	2	25.0	303	103.19	2.07	V
119	228	Piano 2	31-32	5	Ini	1.01	0.00	2.50	2.50	93	1229	6091	9475	2	25.0	303	65.74	7.71	V
120	229	Piano 2	31-35	5	Ini	1.01	0.00	2.50	2.50	96	2612	6108	9492	2	25.0	214	63.68	3.63	V
121	230	Piano 2	36-32	5	Ini	1.01	0.00	2.50	2.50	57	3056	6091	9475	2	25.0	289	107.78	3.10	V
122	231	Piano 2	33-34	6	Ini	1.01	0.00	2.50	2.50	20	1340	9475	2876	2	25.0	605	469.42	2.15	V
123	232	Piano 2	33-39	5	Ini	1.01	0.00	2.50	2.50	4	5575	6108	9492	2	25.0	374	1423.19	1.70	V
124	233	Piano 2	34-35	6	Ini	1.01	0.00	2.50	2.50	27	609	9475	2876	2	25.0	249	347.73	4.73	V
125	234	Piano 2	34-40	5	Ini	1.01	0.00	2.50	2.50	3	5809	6108	9492	2	25.0	359	2147.98	1.63	V
126	235	Piano 2	35-36	5	Ini	1.01	0.00	2.50	2.50	77	2012	6091	9475	2	25.0	303	79.12	4.71	V
127	236	Piano 2	35-37	5	Ini	1.01	0.00	2.50	2.50	19	1657	6108	9492	2	25.0	222	316.25	5.73	V
128	237	Piano 2	38-36	5	Ini	1.01	0.00	2.50	2.50	32	1604	6091	9475	2	25.0	222	189.75	5.91	V
129	238	Piano 2	37-38	5	Ini	1.01	0.00	2.50	2.50	44	2075	6091	9475	2	25.0	303	137.29	4.57	V
130	239	Piano 2	37-41	5	Ini	1.01	0.00	2.50	2.50	35	1418	6108	9492	2	25.0	112	176.25	6.70	V
131	240	Piano 2	42-38	5	Ini	1.01	0.00	2.50	2.50	41	1393	6091	9475	2	25.0	112	149.80	6.80	V
132	241	Piano 2	39-40	5	Ini	1.01	0.00	2.50	2.50	5	3894	6091	9475	2	25.0	609	1199.90	2.43	V
133	242	Piano 2	40-41	5	Ini	1.01	0.00	2.50	2.50	27	1440	6091	9475	2	25.0	244	223.94	6.58	V
134	243	Piano 2	41-42	5	Ini	1.01	0.00	2.50	2.50	33	1783	6091	9475	2	25.0	303	183.49	5.31	V
135	286	Piano 3	1-2	5	Ini	1.01	0.00	2.50	2.50	1	2378	6091	9475	2	25.0	605	5614.62	3.98	V
136	287	Piano 3	1-4	5	Ini	1.01	0.00	2.50	2.50	6	3834	6108	9492	2	25.0	374	1007.03	2.48	V
137	288	Piano 3	2-3	5	Ini	1.01	0.00	2.50	2.50	13	1517	6091	9475	2	25.0	248	455.12	6.24	V
138	289	Piano 3	2-5	5	Ini	1.01	0.00	2.50	2.50	2	4805	6108	9492	2	25.0	374	3905.21	1.98	V
139	290	Piano 3	3-6	5	Ini	1.01	0.00	2.50	2.50	2	2396	6108	9492	2	25.0	374	2881.68	3.96	V
140	291	Piano 3	4-5	6	Ini	1.01	0.00	2.50	2.50	0	1346	9475	2876	2	25.0	605	-	2.14	V
141	292	Piano 3	4-7	5	Ini	1.01	0.00	2.50	2.50	0	2708	6108	9492	2	25.0	303	-	3.50	V
142	293	Piano 3	5-6	6	Ini	1.01	0.00	2.50	2.50	13	650	9475	2876	2	25.0	249	748.36	4.43	V
143	294	Piano 3	5-8	5	Ini	1.01	0.00	2.50	2.50	5	3439	6108	9492	2	25.0	303	1295.94	2.76	V
144	295	Piano 3	6-9	5	Ini	1.01	0.00	2.50	2.50	4	1712	6108	9492	2	25.0	303	1491.32	5.54	V
145	296	Piano 3	7-8	6	Ini	1.01	0.00	2.50	2.50	1	1347	9475	2876	2	25.0	605	7482.01	2.14	V
146	297	Piano 3	7-10	5	Ini	1.01	0.00	2.50	2.50	15	2700	6108	9492	2	25.0	303	411.49	3.52	V
147	298	Piano 3	8-9	6	Ini	1.01	0.00	2.50	2.50	8	654	9475	2876	2	25.0	248	1204.68	4.40	V
148	299	Piano 3	8-11	5	Ini	1.01	0.00	2.50	2.50	3	3636	6108	9492	2	25.0	303	1890.16	2.61	V
149	300	Piano 3	9-12	5	Ini	1.01	0.00	2.50	2.50	4	1753	6108	9492	2	25.0	303	1428.39	5.41	V
150	301	Piano 3	10-11	5	Ini	1.01	0.00	2.50	2.50	8	2407	6091	9475	2	25.0	605	740.44	3.94	V
151	302	Piano 3	10-13	5	Ini	1.01	0.00	2.50	2.50	35	2826	6108	9492	2	25.0	303	175.15	3.36	V
152	303	Piano 3	11-12	5	Ini	1.01	0.00	2.50	2.50	31	1510	6091	9475	2	25.0	248	195.11	6.27	V
153	304	Piano 3	11-14	5	Ini	1.01	0.00	2.50	2.50	45	3743	6108	9492	2	25.0	303	134.75	2.54	V
154	305	Piano 3	12-15	5	Ini	1.01	0.00	2.50	2.50	35	1682	6108	9492	2	25.0	303	173.79	5.64	V
155	306	Piano 3	13-14	6	Ini	1.01	0.00	2.50	2.50	20	1350	9475	2876	2	25.0	605	463.77	2.13	V
156	307	Piano 3	13-16	5	Ini	1.01	0.00	2.50	2.50	23	2856	6108	9492	2	25.0	313	264.18	3.32	V
157	308	Piano 3	14-15	6	Ini	1.01	0.00	2.50	2.50	80	642	9475	2876	2	25.0	248	117.97	4.48	V
158	309	Piano 3	14-17	5	Ini	1.01	0.00	2.50	2.50	55	3579	6108	9492	2	25.0	313	111.18	2.65	V
159	310	Piano 3	15-18	5	Ini	1.01	0.00	2.50	2.50	42	1775	6108	9492	2	25.0	313	144.78	5.35	V
160	311	Piano 3	16-17	6	Ini	1.01	0.00	2.50	2.50	23	1356	9475	2876	2	25.0	605	419.93	2.12	V
161	312	Piano 3	16-19	5	Ini	1.01	0.00	2.50	2.50	28	2834	6108	9492	2	25.0	313	219.76	3.35	V
162	313	Piano 3	17-18	6	Ini	1.01	0.00	2.50	2.50	99	650	9475	2876	2	25.0	248	95.78	4.42	V
163	314	Piano 3	17-20	5	Ini	1.01	0.00	2.50	2.50	61	3549	6108	9492	2	25.0	313	100.39	2.67	V
164	315	Piano 3	18-21	5	Ini	1.01	0.00	2.50	2.50	46	1746	6108	9492	2	25.0	313	133.22	5.44	V
165	316	Piano 3	19-20	6	Ini	1.01	0.00	2.50	2.50	23	1359	9475	2876	2	25.0	605	406.77	2.12	V
166	317	Piano 3	19-	5	Ini	1.01	0.00	2.50	2.50	25	2701	6108	9492	2	25.0	303	246.18	3.51	V

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167	318	Piano 3	22-20-21	6	Ini	1.01	0.00	2.50	2.50	109	651	9475	2876	2	25.0	248	86.71	4.42	V
168	319	Piano 3	20-23	5	Ini	1.01	0.00	2.50	2.50	65	3404	6108	9492	2	25.0	303	94.59	2.79	V
169	320	Piano 3	21-24	5	Ini	1.01	0.00	2.50	2.50	56	1630	6108	9492	2	25.0	293	109.28	5.82	V
170	321	Piano 3	22-23	6	Ini	1.01	0.00	2.50	2.50	19	1367	9475	2876	2	25.0	607	487.65	2.10	V
171	322	Piano 3	22-25	5	Ini	1.01	0.00	2.50	2.50	45	2866	6108	9492	2	25.0	303	135.88	3.31	V
172	323	Piano 3	23-24	6	Ini	1.01	0.00	2.50	2.50	88	652	9475	2876	2	25.0	246	107.70	4.41	V
173	324	Piano 3	23-26	5	Ini	1.01	0.00	2.50	2.50	39	4062	6108	9492	2	25.0	303	158.51	2.34	V
174	325	Piano 3	24-27	5	Ini	1.01	0.00	2.50	2.50	26	2468	6108	9492	2	25.0	312	235.48	3.85	V
175	326	Piano 3	25-26	6	Ini	1.01	0.00	2.50	2.50	18	1373	9475	2876	2	25.0	605	524.13	2.10	V
176	327	Piano 3	25-29	5	Ini	1.01	0.00	2.50	2.50	67	3222	6108	9492	2	25.0	313	91.14	2.95	V
177	328	Piano 3	26-27	6	Ini	1.01	0.00	2.50	2.50	7	609	9475	2876	2	25.0	248	1436.98	4.72	V
178	329	Piano 3	26-30	5	Ini	1.01	0.00	2.50	2.50	107	4722	6108	9492	2	25.0	313	57.16	2.01	V
179	330	Piano 3	28-27	5	Ini	1.01	0.00	2.50	2.50	52	2018	6091	9475	2	25.0	299	117.71	4.70	V
180	331	Piano 3	27-31	5	Ini	1.01	0.00	2.50	2.50	92	3045	6108	9492	2	25.0	313	66.65	3.12	V
181	332	Piano 3	32-28	5	Ini	1.01	0.00	2.50	2.50	38	2766	6091	9475	2	25.0	313	158.30	3.43	V
182	333	Piano 3	29-30	5	Ini	1.01	0.00	2.50	2.50	39	2537	6091	9475	2	25.0	605	154.67	3.73	V
183	334	Piano 3	29-33	5	Ini	1.01	0.00	2.50	2.50	32	3051	6108	9492	2	25.0	298	188.98	3.11	V
184	335	Piano 3	30-31	5	Ini	1.01	0.00	2.50	2.50	133	885	6091	9475	2	25.0	248	45.76	10.71	V
185	336	Piano 3	30-34	5	Ini	1.01	0.00	2.50	2.50	89	3958	6108	9492	2	25.0	303	68.45	2.40	V
186	337	Piano 3	31-32	5	Ini	1.01	0.00	2.50	2.50	111	1337	6091	9475	2	25.0	303	54.75	7.09	V
187	338	Piano 3	31-35	5	Ini	1.01	0.00	2.50	2.50	149	2146	6108	9492	2	25.0	214	41.08	4.42	V
188	339	Piano 3	36-32	5	Ini	1.01	0.00	2.50	2.50	57	2328	6091	9475	2	25.0	299	107.45	4.07	V
189	340	Piano 3	33-34	6	Ini	1.01	0.00	2.50	2.50	25	1364	9475	2876	2	25.0	605	371.98	2.11	V
190	341	Piano 3	33-39	5	Ini	1.01	0.00	2.50	2.50	12	4004	6108	9492	2	25.0	374	492.15	2.37	V
191	342	Piano 3	34-35	6	Ini	1.01	0.00	2.50	2.50	135	622	9475	2876	2	25.0	249	70.11	4.62	V
192	343	Piano 3	34-40	5	Ini	1.01	0.00	2.50	2.50	50	4792	6108	9492	2	25.0	369	122.49	1.98	V
193	344	Piano 3	35-36	5	Ini	1.01	0.00	2.50	2.50	107	1292	6091	9475	2	25.0	303	56.86	7.33	V
194	345	Piano 3	35-37	5	Ini	1.01	0.00	2.50	2.50	97	2290	6108	9492	2	25.0	222	63.17	4.14	V
195	346	Piano 3	38-36	5	Ini	1.01	0.00	2.50	2.50	103	1769	6091	9475	2	25.0	222	59.08	5.36	V
196	347	Piano 3	37-38	5	Ini	1.01	0.00	2.50	2.50	61	1032	6091	9475	2	25.0	303	99.34	9.18	V
197	348	Piano 3	37-41	5	Ini	1.01	0.00	2.50	2.50	33	1676	6108	9492	2	25.0	112	183.38	5.66	V
198	349	Piano 3	42-38	5	Ini	1.01	0.00	2.50	2.50	61	1376	6091	9475	2	25.0	112	100.05	6.88	V
199	350	Piano 3	39-40	5	Ini	1.01	0.00	2.50	2.50	25	2503	6091	9475	2	25.0	609	241.49	3.79	V
200	351	Piano 3	40-41	5	Ini	1.01	0.00	2.50	2.50	59	954	6091	9475	2	25.0	244	103.22	9.93	V
201	352	Piano 3	41-42	5	Ini	1.01	0.00	2.50	2.50	5	1196	6091	9475	2	25.0	303	1343.70	7.92	V
202	395	Piano 4	25-26	6	Ini	1.01	0.00	2.50	2.50	49	1178	9475	2876	2	25.0	637	193.32	2.44	V
203	396	Piano 4	25-29	5	Ini	1.01	0.00	2.50	2.50	135	2798	6108	9492	2	25.0	314	45.33	3.39	V
204	397	Piano 4	26-27	6	Ini	1.01	0.00	2.50	2.50	212	568	9475	2876	2	25.0	257	44.72	5.07	V
205	398	Piano 4	26-30	5	Ini	1.01	0.00	2.50	2.50	136	3894	6108	9492	2	25.0	313	44.87	2.44	V
206	399	Piano 4	28-27	5	Ini	1.01	0.00	2.50	2.50	87	1639	6091	9475	2	25.0	311	69.96	5.78	V
207	400	Piano 4	27-31	5	Ini	1.01	0.00	2.50	2.50	172	2738	6108	9492	2	25.0	313	35.59	3.47	V
208	401	Piano 4	32-28	5	Ini	1.01	0.00	2.50	2.50	110	2397	6091	9475	2	25.0	313	55.17	3.95	V
209	402	Piano 4	29-30	5	Ini	1.01	0.00	2.50	2.50	37	2347	6091	9475	2	25.0	629	163.93	4.04	V
210	403	Piano 4	29-33	5	Ini	1.01	0.00	2.50	2.50	33	2817	6108	9492	2	25.0	298	187.65	3.37	V
211	404	Piano 4	30-31	5	Ini	1.01	0.00	2.50	2.50	222	1092	6091	9475	2	25.0	257	27.48	8.67	V
212	405	Piano 4	30-34	5	Ini	1.01	0.00	2.50	2.50	94	3590	6108	9492	2	25.0	303	65.24	2.64	V
213	406	Piano 4	31-32	5	Ini	1.01	0.00	2.50	2.50	110	1282	6091	9475	2	25.0	314	55.48	7.39	V
214	407	Piano 4	31-35	5	Ini	1.01	0.00	2.50	2.50	175	1952	6108	9492	2	25.0	214	34.81	4.86	V
215	408	Piano 4	36-	5	Ini	1.01	0.00	2.50	2.50	21	1928	6091	9475	2	25.0	299	290.80	4.91	V

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					182.05	12.57	9.42	21.99	1	0	-7321	-	0	-21890	-	2.99	V
					273.08	12.57	15.71	28.27	1	0	-4177	-	2	-21888	-	5.24	V
233	5	Fondazio ne	3-6	1	91.04	12.57	9.42	21.99	1	0	-6396	-	0	-21890	-	3.42	V
					136.55	12.57	9.42	21.99	1	0	-7489	-	0	-21890	-	2.92	V
					273.11	12.57	15.71	28.27	1	0	-4056	-	2	-21888	-	5.40	V
234	6	Fondazio ne	4-5	1	75.61	9.42	21.99	31.42	1	0	-7504	-	-1	-16470	-	2.19	V
					226.84	18.85	6.28	25.13	1	0	-14426	-	0	-32477	-	2.25	V
					453.67	9.42	31.42	40.84	1	0	-7466	-	0	-16469	-	2.21	V
235	7	Fondazio ne	4-7	1	0.00	9.42	15.71	25.13	1	0	4251	-	0	27304	-	6.42	V
					146.44	9.42	9.42	18.85	1	0	-3083	-	1	-16472	-	5.34	V
					292.88	9.42	12.57	21.99	1	0	3412	-	-1	21890	-	6.41	V
236	8	Fondazio ne	5-6	1	0.00	11.40	13.89	25.29	1	0	8051	-	1	24136	-	3.00	V
					155.41	11.40	13.89	25.29	1	0	-905	-	-1	-19859	-	21.94	V
					186.49	11.40	13.89	25.29	1	0	-1081	-	-1	-19859	-	18.37	V
237	9	Fondazio ne	5-8	1	0.00	9.42	15.71	25.13	1	0	3130	-	0	27304	-	8.72	V
					146.46	9.42	9.42	18.85	1	0	-2658	-	1	-16472	-	6.20	V
					292.93	9.42	12.57	21.99	1	0	2423	-	-1	-21890	-	9.03	V
238	10	Fondazio ne	6-9	1	0.00	9.42	15.71	25.13	1	0	3571	-	0	27304	-	7.65	V
					146.44	9.42	9.42	18.85	1	0	-2510	-	1	-16472	-	6.56	V
					292.88	9.42	12.57	21.99	1	0	3143	-	-1	21890	-	6.97	V
239	11	Fondazio ne	7-8	1	75.62	9.42	21.99	31.42	1	0	-7400	-	-1	-16470	-	2.23	V
					226.85	18.85	6.28	25.13	1	0	-14344	-	0	-32477	-	2.26	V
					453.70	9.42	31.42	40.84	1	0	-7472	-	0	-16469	-	2.20	V
240	12	Fondazio ne	7-10	1	73.22	9.42	12.57	21.99	1	0	-2253	-	2	-16470	-	7.31	V
					146.44	9.42	9.42	18.85	1	0	-3619	-	1	-16472	-	4.55	V
					292.88	9.42	12.57	21.99	1	0	3934	-	-1	21890	-	5.56	V
241	13	Fondazio ne	8-9	1	0.00	11.40	13.89	25.29	1	0	7936	-	1	24136	-	3.04	V
					155.02	11.40	13.89	25.29	1	0	-890	-	-1	-19859	-	22.30	V
					186.02	11.40	13.89	25.29	1	0	-1051	-	-1	-19859	-	18.90	V
242	14	Fondazio ne	8-11	1	73.22	9.42	12.57	21.99	1	0	-2139	-	2	-16470	-	7.70	V
					109.83	9.42	9.42	18.85	1	0	-2783	-	1	-16472	-	5.92	V
					292.88	9.42	12.57	21.99	1	0	4318	-	-1	21890	-	5.07	V
243	15	Fondazio ne	9-12	1	0.00	9.42	12.57	21.99	1	0	2435	-	-1	21890	-	8.99	V
					146.44	9.42	9.42	18.85	1	0	-3095	-	1	-16472	-	5.32	V
					292.88	9.42	12.57	21.99	1	0	2986	-	-1	21890	-	7.33	V
244	16	Fondazio ne	10-11	1	75.62	9.42	21.99	31.42	1	0	-7375	-	-1	-16470	-	2.23	V
					226.85	18.85	6.28	25.13	1	0	-14343	-	0	-32477	-	2.26	V
					453.70	9.42	31.42	40.84	1	0	-7117	-	0	-16469	-	2.31	V
245	17	Fondazio ne	10-13	1	0.00	9.42	12.57	21.99	1	0	3254	-	-1	21890	-	6.73	V
					146.44	9.42	9.42	18.85	1	0	-3382	-	1	-16472	-	4.87	V
					292.88	9.42	12.57	21.99	1	0	3677	-	-1	21890	-	5.95	V
246	18	Fondazio ne	11-12	1	0.00	11.40	13.89	25.29	1	0	8992	-	1	24136	-	2.68	V
					93.01	11.40	13.89	25.29	1	0	1577	-	1	24136	-	15.31	V
					186.02	11.40	13.89	25.29	1	0	-991	-	-1	-19859	-	20.03	V
247	19	Fondazio ne	11-14	1	0.00	9.42	12.57	21.99	1	0	3508	-	-1	21890	-	6.24	V
					146.44	9.42	9.42	18.85	1	0	-2496	-	1	-16472	-	6.60	V
					292.88	9.42	12.57	21.99	1	0	2495	-	-1	21890	-	8.77	V
248	20	Fondazio ne	12-15	1	0.00	9.42	12.57	21.99	1	0	2349	-	-1	21890	-	9.32	V
					146.44	9.42	9.42	18.85	1	0	-2944	-	1	-16472	-	5.60	V
					292.88	9.42	12.57	21.99	1	0	3363	-	-1	21890	-	6.51	V
249	21	Fondazio ne	13-14	1	75.62	9.42	21.99	31.42	1	0	-7327	-	-1	-16470	-	2.25	V
					226.85	18.85	6.28	25.13	1	0	-14230	-	0	-32477	-	2.28	V
					453.70	9.42	31.42	40.84	1	0	-7444	-	0	-16469	-	2.21	V
250	22	Fondazio ne	13-16	1	0.00	9.42	12.57	21.99	1	0	3093	-	-1	21890	-	7.08	V
					151.53	9.42	9.42	18.85	1	0	-3802	-	1	-16472	-	4.33	V
					303.06	9.42	12.57	21.99	1	0	3799	-	-1	21890	-	5.76	V
251	23	Fondazio ne	14-15	1	0.00	11.40	13.89	25.29	1	0	7859	-	1	24136	-	3.07	V
					155.02	11.40	13.89	25.29	1	0	-945	-	-1	-19859	-	21.02	V
					186.02	11.40	13.89	25.29	1	0	-1111	-	-1	-19859	-	17.88	V
252	24	Fondazio ne	14-17	1	75.77	9.42	12.57	21.99	1	0	-1939	-	2	-16470	-	8.49	V
					151.53	9.42	9.42	18.85	1	0	-3144	-	1	-16472	-	5.24	V
					303.06	9.42	12.57	21.99	1	0	2935	-	-1	21890	-	7.46	V
253	25	Fondazio ne	15-18	1	0.00	9.42	12.57	21.99	1	0	2647	-	-1	21890	-	8.27	V
					151.53	9.42	9.42	18.85	1	0	-3227	-	1	-16472	-	5.10	V
					303.06	9.42	12.57	21.99	1	0	3311	-	-1	21890	-	6.61	V
254	26	Fondazio ne	16-17	1	75.62	9.42	21.99	31.42	1	0	-7265	-	-1	-16470	-	2.27	V
					226.85	18.85	6.28	25.13	1	0	-14153	-	0	-32477	-	2.29	V
					453.70	9.42	31.42	40.84	1	0	-7617	-	0	-16469	-	2.16	V
255	27	Fondazio ne	16-19	1	0.00	9.42	12.57	21.99	1	0	3250	-	-1	21890	-	6.74	V
					151.53	9.42	9.42	18.85	1	0	-3875	-	1	-16472	-	4.25	V
					303.06	9.42	12.57	21.99	1	0	3496	-	-1	21890	-	6.26	V
256	28	Fondazio ne	17-18	1	0.00	11.40	13.89	25.29	1	0	7286	-	1	24136	-	3.31	V
					155.02	11.40	13.89	25.29	1	0	-1124	-	-1	-19859	-	17.67	V

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257	29	Fondazio ne	17-20	1	186.02	11.40	13.89	25.29	1	0	-1228	-	-1	-19859	-	16.17	V
					0.00	9.42	12.57	21.99	1	0	2361	-	-1	21890	-	9.27	V
					151.53	9.42	9.42	18.85	1	0	-3081	-	1	-16472	-	5.35	V
					303.06	9.42	12.57	21.99	1	0	2750	-	-1	21890	-	7.96	V
258	30	Fondazio ne	18-21	1	75.77	9.42	12.57	21.99	1	0	-2034	-	2	-16470	-	8.10	V
					151.53	9.42	9.42	18.85	1	0	-3535	-	1	-16472	-	4.66	V
					303.06	9.42	12.57	21.99	1	0	2865	-	-1	21890	-	7.64	V
259	31	Fondazio ne	19-20	1	75.62	9.42	12.57	21.99	1	0	-7293	-	-1	-16470	-	2.26	V
					226.85	18.85	6.28	25.13	1	0	-14268	-	0	-32477	-	2.28	V
					453.70	9.42	31.42	40.84	1	0	-7818	-	0	-16469	-	2.11	V
260	32	Fondazio ne	19-22	1	73.22	9.42	12.57	21.99	1	0	-2303	-	2	-16470	-	7.15	V
					146.44	9.42	9.42	18.85	1	0	-3954	-	1	-16472	-	4.17	V
					292.88	9.42	12.57	21.99	1	0	3124	-	-1	21890	-	7.01	V
261	33	Fondazio ne	20-21	1	0.00	11.40	13.89	25.29	1	0	7039	-	1	24136	-	3.43	V
					155.02	11.40	13.89	25.29	1	0	-1263	-	-1	-19859	-	15.72	V
					186.02	11.40	13.89	25.29	1	0	-1326	-	-1	-19859	-	14.98	V
262	34	Fondazio ne	20-23	1	73.22	9.42	12.57	21.99	1	0	-2049	-	2	-16470	-	8.04	V
					146.44	9.42	9.42	18.85	1	0	-3331	-	1	-16472	-	4.94	V
					219.67	9.42	12.57	21.99	1	0	-1920	-	2	-16470	-	8.58	V
263	35	Fondazio ne	21-24	1	70.83	9.42	12.57	21.99	1	0	-2108	-	2	-16470	-	7.81	V
					141.65	9.42	9.42	18.85	1	0	-3200	-	1	-16472	-	5.15	V
					283.30	9.42	12.57	21.99	1	0	3249	-	-1	21890	-	6.74	V
264	36	Fondazio ne	22-23	1	75.92	9.42	12.57	31.42	1	0	-7506	-	-1	-16470	-	2.19	V
					227.75	18.85	6.28	25.13	1	0	-14832	-	0	-32477	-	2.19	V
					455.49	9.42	31.42	40.84	1	0	-8201	-	0	-16469	-	2.01	V
265	37	Fondazio ne	22-25	1	73.22	9.42	12.57	21.99	1	0	-2881	-	2	-16470	-	5.72	V
					146.44	9.42	9.42	18.85	1	0	-4053	-	1	-16472	-	4.06	V
					292.88	9.42	12.57	21.99	1	0	4654	-	-1	21890	-	4.70	V
266	38	Fondazio ne	23-24	1	0.00	11.40	13.89	25.29	1	0	7385	-	1	24136	-	3.27	V
					153.61	11.40	13.89	25.29	1	0	-1204	-	-1	-19859	-	16.49	V
					184.33	11.40	13.89	25.29	1	0	-1267	-	-1	-19859	-	15.67	V
267	39	Fondazio ne	23-26	1	73.22	9.42	12.57	21.99	1	0	-2740	-	2	-16470	-	6.01	V
					109.83	9.42	9.42	18.85	1	0	-3441	-	1	-16472	-	4.79	V
					292.89	9.42	12.57	21.99	1	0	4162	-	-1	21890	-	5.26	V
268	40	Fondazio ne	24-27	1	75.62	9.42	12.57	21.99	1	0	-2514	-	2	-16470	-	6.55	V
					113.42	9.42	9.42	18.85	1	0	-3333	-	1	-16472	-	4.94	V
					302.46	9.42	12.57	21.99	1	0	5784	-	-1	21890	-	3.78	V
269	41	Fondazio ne	25-26	1	75.62	9.42	12.57	31.42	1	0	-7978	-	-1	-16470	-	2.06	V
					226.85	18.85	6.28	25.13	1	0	-15978	-	0	-32477	-	2.03	V
					453.70	9.42	31.42	40.84	1	0	-8433	-	0	-16469	-	1.95	V
270	42	Fondazio ne	25-29	1	75.77	9.42	12.57	21.99	1	0	-2719	-	2	-16470	-	6.06	V
					151.53	9.42	9.42	18.85	1	0	-4268	-	1	-16472	-	3.86	V
					303.06	9.42	12.57	21.99	1	0	5503	-	-1	21890	-	3.98	V
271	43	Fondazio ne	26-27	1	0.00	11.40	13.89	25.29	1	0	9588	-	1	24136	-	2.52	V
					93.01	11.40	13.89	25.29	1	0	1532	-	1	24136	-	15.76	V
					186.02	11.40	13.89	25.29	1	0	-980	-	-1	-19859	-	20.27	V
272	44	Fondazio ne	26-30	1	75.77	9.42	12.57	21.99	1	0	-2490	-	2	-16470	-	6.61	V
					113.65	9.42	9.42	18.85	1	0	-3336	-	1	-16472	-	4.94	V
					303.06	9.42	12.57	21.99	1	0	5933	-	-1	21890	-	3.69	V
273	45	Fondazio ne	28-27	1	75.64	9.42	6.28	15.71	1	0	-5122	-	0	-16473	-	3.22	V
					151.27	9.42	6.28	15.71	1	0	-8235	-	0	-16473	-	2.00	V
					226.91	9.42	12.57	21.99	1	0	-7074	-	2	-16470	-	2.33	V
274	46	Fondazio ne	27-31	1	0.00	9.42	12.57	21.99	1	0	4049	-	-1	21890	-	5.41	V
					151.53	9.42	9.42	18.85	1	0	-4712	-	1	-16472	-	3.50	V
					227.30	9.42	12.57	21.99	1	0	-3142	-	2	-16470	-	5.24	V
275	47	Fondazio ne	32-28	1	78.19	12.57	9.42	21.99	1	0	-5124	-	0	-21890	-	4.27	V
					156.38	12.57	9.42	21.99	1	0	-7460	-	0	-21890	-	2.93	V
					234.56	12.57	15.71	28.27	1	0	-5090	-	2	-21888	-	4.30	V
276	48	Fondazio ne	29-30	1	75.62	9.42	12.57	31.42	1	0	-8750	-	-1	-16470	-	1.88	V
					226.85	18.85	6.28	25.13	1	0	-17371	-	0	-32477	-	1.87	V
					453.70	9.42	31.42	40.84	1	0	-8483	-	0	-16469	-	1.94	V
277	49	Fondazio ne	29-33	1	0.00	9.42	12.57	21.99	1	0	4555	-	-1	21890	-	4.81	V
					144.05	9.42	9.42	18.85	1	0	-2995	-	1	-16472	-	5.50	V
					288.09	9.42	15.71	25.13	1	0	5921	-	0	27304	-	4.61	V
278	50	Fondazio ne	30-31	1	0.00	11.40	13.89	25.29	1	0	12411	-	1	24136	-	1.94	V
					93.01	11.40	13.89	25.29	1	0	4113	-	1	24136	-	5.87	V
					248.03	11.40	13.89	25.29	1	0	3979	-	1	24136	-	6.07	V
279	51	Fondazio ne	30-34	1	0.00	9.42	12.57	21.99	1	0	4655	-	-1	21890	-	4.70	V
					146.44	9.42	9.42	18.85	1	0	-2754	-	1	-16472	-	5.98	V
					292.88	9.42	15.71	25.13	1	0	4300	-	0	27304	-	6.35	V
280	52	Fondazio ne	31-32	1	75.63	9.42	6.28	15.71	1	0	-4270	-	0	-16473	-	3.86	V
					151.26	9.42	6.28	15.71	1	0	-7318	-	0	-16473	-	2.25	V
					226.89	9.42	12.57	21.99	1	0	-6223	-	2	-16470	-	2.65	V

281	53	Fondazio ne	31-35	1	50.89	9.42	12.57	21.99	1	0	-1172	-	2	-16470	-	14.05	V
					101.79	9.42	9.42	18.85	1	0	-1713	-	1	-16472	-	9.62	V
					203.57	9.42	12.57	21.99	1	0	3001	-	-1	21890	-	7.29	V
282	54	Fondazio ne	36-32	1	69.64	9.42	12.57	21.99	1	0	-2311	-	2	-16470	-	7.13	V
					139.29	9.42	9.42	18.85	1	0	-4101	-	1	-16472	-	4.02	V
					208.93	9.42	12.57	21.99	1	0	-2417	-	2	-16470	-	6.81	V
283	55	Fondazio ne	33-34	1	75.62	9.42	21.99	31.42	1	0	-9192	-	-1	-16470	-	1.79	V
					226.85	18.85	6.28	25.13	1	0	-18044	-	0	-32477	-	1.80	V
					453.71	9.42	31.42	40.84	1	0	-9371	-	0	-16469	-	1.76	V
284	56	Fondazio ne	33-39	1	88.51	12.57	9.42	21.99	1	0	-5884	-	0	-21890	-	3.72	V
					177.01	12.57	9.42	21.99	1	0	-10276	-	0	-21890	-	2.13	V
					265.52	12.57	15.71	28.27	1	0	-8467	-	2	-21888	-	2.59	V
285	57	Fondazio ne	34-35	1	0.00	11.40	13.89	25.29	1	0	11043	-	1	24136	-	2.19	V
					93.01	11.40	13.89	25.29	1	0	4318	-	1	24136	-	5.59	V
					248.03	11.40	13.89	25.29	1	0	7926	-	1	24136	-	3.05	V
286	58	Fondazio ne	34-40	1	87.31	12.57	9.42	21.99	1	0	-4146	-	0	-21890	-	5.28	V
					174.62	12.57	9.42	21.99	1	0	-7947	-	0	-21890	-	2.75	V
					261.94	12.57	15.71	28.27	1	0	-6639	-	2	-21888	-	3.30	V
287	59	Fondazio ne	35-36	1	0.00	9.42	12.57	21.99	1	0	6405	-	-1	21890	-	3.42	V
					189.08	9.42	6.28	15.71	1	0	-6733	-	0	-16473	-	2.45	V
					226.89	9.42	12.57	21.99	1	0	-6139	-	2	-16470	-	2.68	V
288	60	Fondazio ne	35-37	1	55.39	9.42	12.57	21.99	1	0	-3154	-	2	-16470	-	5.22	V
					138.48	9.42	9.42	18.85	1	0	-5162	-	1	-16472	-	3.19	V
					166.17	9.42	12.57	21.99	1	0	-4702	-	2	-16470	-	3.50	V
289	61	Fondazio ne	38-36	1	55.39	9.42	12.57	21.99	1	0	-4422	-	2	-16470	-	3.72	V
					83.09	9.42	9.42	18.85	1	0	-4636	-	1	-16472	-	3.55	V
					166.17	9.42	12.57	21.99	1	0	-2037	-	2	-16470	-	8.08	V
290	62	Fondazio ne	37-38	1	75.63	9.42	6.28	15.71	1	0	-7087	-	0	-16473	-	2.32	V
					151.26	9.42	6.28	15.71	1	0	-9185	-	0	-16473	-	1.79	V
					226.89	9.42	12.57	21.99	1	0	-7231	-	2	-16470	-	2.28	V
291	63	Fondazio ne	37-41	1	25.50	12.57	9.42	21.99	1	0	-2076	-	0	-21890	-	10.54	V
					38.24	12.57	9.42	21.99	1	0	-2151	-	0	-21890	-	10.18	V
					76.49	12.57	15.71	28.27	1	0	-1639	-	2	-21888	-	13.35	V
292	64	Fondazio ne	42-38	1	25.50	12.57	9.42	21.99	1	0	-984	-	0	-21890	-	22.25	V
					63.74	12.57	9.42	21.99	1	0	-2087	-	0	-21890	-	10.49	V
					89.23	12.57	15.71	28.27	1	0	-2231	-	2	-21888	-	9.81	V
293	65	Fondazio ne	39-40	1	76.07	9.42	21.99	31.42	1	0	-9540	-	-1	-16470	-	1.73	V
					228.20	18.85	6.28	25.13	1	0	-18683	-	0	-32477	-	1.74	V
					456.39	9.42	31.42	40.84	1	0	-8738	-	0	-16469	-	1.88	V
294	66	Fondazio ne	40-41	1	0.00	11.40	13.89	25.29	1	0	14289	-	1	24136	-	1.69	V
					91.66	11.40	13.89	25.29	1	0	5298	-	1	24136	-	4.56	V
					244.44	11.40	13.89	25.29	1	0	4023	-	1	24136	-	6.00	V
295	67	Fondazio ne	41-42	1	75.63	9.42	6.28	15.71	1	0	-4638	-	0	-16473	-	3.55	V
					151.26	9.42	6.28	15.71	1	0	-7523	-	0	-16473	-	2.19	V
					226.89	9.42	12.57	21.99	1	0	-6377	-	2	-16470	-	2.58	V

4.2.2.3.2 Verifiche a Taglio - PGA SLC = 0.0000 g.

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;
 Blocco : Ini : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
 Med : tratto (mediano) nel quale le staffe vengono mantenute costanti;
 Fin : tratto (finale) nel quale le staffe vengono mantenute costanti;

Aree ferro:
 A_{Staffe} : valore dell'area delle staffe della sezione;
 A_{Sag} : valore dell'area dei sagomati della sezione;

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

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

Relazione di calcolo

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;

Tabella 89.I

Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	Aree ferro		cot 0XY [°]	cot 0XZ [°]	Tagli Sollecitanti		Tagli Resistenti								Esito
						A _{Staffe} [cm²]	A _{Sag} [cm²]			V _{sdxy} [daN]	V _{sdxz} [daN]	V _{rdxy} [daN]	V _{rdxz} [daN]	N _{br}	D _{Staffe} [cm]	L _{Tr} [cm]	S _{XV}	S _{XZ}		
229	1	Fondazi one	1-2	1	Ini	1.01	0.00	2.50	2.50	88	15766	7550	20240	2	20.0	605	86.26	1.28	V	
230	2	Fondazi one	1-4	1	Ini	1.01	0.00	2.50	2.50	59	13102	7550	20240	2	20.0	364	127.13	1.54	V	
231	3	Fondazi one	2-3	1	Ini	1.01	0.00	2.50	2.50	77	11762	7550	20240	2	20.0	248	98.14	1.72	V	
232	4	Fondazi one	2-5	1	Ini	1.01	0.00	2.50	2.50	21	10378	7550	20240	2	20.0	364	361.30	1.95	V	
233	5	Fondazi one	3-6	1	Ini	1.01	0.00	2.50	2.50	27	11105	7550	20240	2	20.0	364	283.01	1.82	V	
234	6	Fondazi one	4-5	1	Ini	1.01	0.00	2.50	2.50	62	14258	7550	20240	2	20.0	605	121.66	1.42	V	
235	7	Fondazi one	4-7	1	Ini	1.01	0.00	2.50	2.50	48	9748	7550	20240	2	20.0	293	157.21	2.08	V	
236	8	Fondazi one	5-6	1	Ini	1.01	0.00	2.50	2.50	64	9956	7550	20240	2	20.0	249	117.63	2.03	V	
237	9	Fondazi one	5-8	1	Ini	1.01	0.00	2.50	2.50	18	7677	7550	20240	2	20.0	293	408.18	2.64	V	
238	10	Fondazi one	6-9	1	Ini	1.01	0.00	2.50	2.50	22	8174	7550	20240	2	20.0	293	337.29	2.48	V	
239	11	Fondazi one	7-8	1	Ini	1.01	0.00	2.50	2.50	44	14185	7550	20240	2	20.0	605	171.14	1.43	V	
240	12	Fondazi one	7-10	1	Ini	1.01	0.00	2.50	2.50	43	9885	7550	20240	2	20.0	293	177.25	2.05	V	
241	13	Fondazi one	8-9	1	Ini	1.01	0.00	2.50	2.50	53	9868	7550	20240	2	20.0	248	143.61	2.05	V	
242	14	Fondazi one	8-11	1	Ini	1.01	0.00	2.50	2.50	22	8649	7550	20240	2	20.0	293	335.88	2.34	V	
243	15	Fondazi one	9-12	1	Ini	1.01	0.00	2.50	2.50	26	8136	7550	20240	2	20.0	293	293.02	2.49	V	
244	16	Fondazi one	10-11	1	Ini	1.01	0.00	2.50	2.50	33	14728	7550	20240	2	20.0	605	231.30	1.37	V	
245	17	Fondazi one	10-13	1	Ini	1.01	0.00	2.50	2.50	40	9516	7550	20240	2	20.0	293	188.82	2.13	V	
246	18	Fondazi one	11-12	1	Ini	1.01	0.00	2.50	2.50	43	10508	7550	20240	2	20.0	248	174.90	1.93	V	
247	19	Fondazi one	11-14	1	Ini	1.01	0.00	2.50	2.50	21	7908	7550	20240	2	20.0	293	352.21	2.56	V	
248	20	Fondazi one	12-15	1	Ini	1.01	0.00	2.50	2.50	23	8294	7550	20240	2	20.0	293	332.01	2.44	V	
249	21	Fondazi one	13-14	1	Ini	1.01	0.00	2.50	2.50	21	14053	7550	20240	2	20.0	605	364.44	1.44	V	
250	22	Fondazi one	13-16	1	Ini	1.01	0.00	2.50	2.50	41	9829	7550	20240	2	20.0	303	183.29	2.06	V	
251	23	Fondazi one	14-15	1	Ini	1.01	0.00	2.50	2.50	38	9823	7550	20240	2	20.0	248	201.09	2.06	V	
252	24	Fondazi one	14-17	1	Ini	1.01	0.00	2.50	2.50	27	7767	7550	20240	2	20.0	303	277.56	2.61	V	
253	25	Fondazi one	15-18	1	Ini	1.01	0.00	2.50	2.50	28	8439	7550	20240	2	20.0	303	267.79	2.40	V	
254	26	Fondazi one	16-17	1	Ini	1.01	0.00	2.50	2.50	4	13698	7550	20240	2	20.0	605	1847.28	1.48	V	
255	27	Fondazi one	16-19	1	Ini	1.01	0.00	2.50	2.50	44	9687	7550	20240	2	20.0	303	170.79	2.09	V	
256	28	Fondazi one	17-18	1	Ini	1.01	0.00	2.50	2.50	38	9509	7550	20240	2	20.0	248	197.98	2.13	V	
257	29	Fondazi one	17-20	1	Ini	1.01	0.00	2.50	2.50	25	7600	7550	20240	2	20.0	303	300.61	2.66	V	
258	30	Fondazi one	18-21	1	Ini	1.01	0.00	2.50	2.50	24	8409	7550	20240	2	20.0	303	316.22	2.41	V	
259	31	Fondazi one	19-20	1	Ini	1.01	0.00	2.50	2.50	26	13684	7550	20240	2	20.0	605	291.12	1.48	V	
260	32	Fondazi one	19-22	1	Ini	1.01	0.00	2.50	2.50	56	9619	7550	20240	2	20.0	293	134.77	2.10	V	
261	33	Fondazi one	20-21	1	Ini	1.01	0.00	2.50	2.50	36	9477	7550	20240	2	20.0	248	211.35	2.14	V	
262	34	Fondazi one	20-23	1	Ini	1.01	0.00	2.50	2.50	21	7562	7550	20240	2	20.0	293	362.29	2.68	V	
263	35	Fondazi one	21-24	1	Ini	1.01	0.00	2.50	2.50	17	8686	7550	20240	2	20.0	283	454.25	2.33	V	
264	36	Fondazi one	22-23	1	Ini	1.01	0.00	2.50	2.50	53	14267	7550	20240	2	20.0	607	142.52	1.42	V	
265	37	Fondazi one	22-25	1	Ini	1.01	0.00	2.50	2.50	98	11090	7550	20240	2	20.0	293	77.14	1.83	V	
266	38	Fondazi one	23-24	1	Ini	1.01	0.00	2.50	2.50	86	9897	7550	20240	2	20.0	246	87.96	2.05	V	
267	39	Fondazi one	23-26	1	Ini	1.01	0.00	2.50	2.50	188	9368	7550	20240	2	20.0	293	40.19	2.16	V	
268	40	Fondazi one	24-	1	Ini	1.01	0.00	2.50	2.50	166	10782	7550	20240	2	20.0	302	45.54	1.88	V	

269	41	Fondazi one	27-26	1	Ini	1.01	0.00	2.50	2.50	66	16137	7550	20240	2	20.0	605	113.71	1.25	V
270	42	Fondazi one	25-29	1	Ini	1.01	0.00	2.50	2.50	142	12240	7550	20240	2	20.0	303	53.34	1.65	V
271	43	Fondazi one	26-27	1	Ini	1.01	0.00	2.50	2.50	61	11574	7550	20240	2	20.0	248	123.53	1.75	V
272	44	Fondazi one	26-30	1	Ini	1.01	0.00	2.50	2.50	158	11017	7550	20240	2	20.0	303	47.76	1.84	V
273	45	Fondazi one	28-27	1	Ini	1.01	0.00	2.50	2.50	262	13341	7550	20240	2	20.0	303	28.85	1.52	V
274	46	Fondazi one	27-31	1	Ini	1.01	0.00	2.50	2.50	251	11040	7550	20240	2	20.0	303	30.04	1.83	V
275	47	Fondazi one	32-28	1	Ini	1.01	0.00	2.50	2.50	190	12546	7550	20240	2	20.0	313	39.74	1.61	V
276	48	Fondazi one	29-30	1	Ini	1.01	0.00	2.50	2.50	99	18519	7550	20240	2	20.0	605	76.60	1.09	V
277	49	Fondazi one	29-33	1	Ini	1.01	0.00	2.50	2.50	82	11946	7550	20240	2	20.0	288	92.34	1.69	V
278	50	Fondazi one	30-31	1	Ini	1.01	0.00	2.50	2.50	74	12149	7550	20240	2	20.0	248	102.39	1.67	V
279	51	Fondazi one	30-34	1	Ini	1.01	0.00	2.50	2.50	24	10005	7550	20240	2	20.0	293	312.61	2.02	V
280	52	Fondazi one	31-32	1	Ini	1.01	0.00	2.50	2.50	257	12203	7550	20240	2	20.0	303	29.36	1.66	V
281	53	Fondazi one	31-35	1	Ini	1.01	0.00	2.50	2.50	79	8458	7550	20240	2	20.0	204	95.05	2.39	V
282	54	Fondazi one	36-32	1	Ini	1.01	0.00	2.50	2.50	71	10070	7550	20240	2	20.0	279	106.96	2.01	V
283	55	Fondazi one	33-34	1	Ini	1.01	0.00	2.50	2.50	93	18536	7550	20240	2	20.0	605	81.54	1.09	V
284	56	Fondazi one	33-39	1	Ini	1.01	0.00	2.50	2.50	114	15500	7550	20240	2	20.0	354	65.94	1.31	V
285	57	Fondazi one	34-35	1	Ini	1.01	0.00	2.50	2.50	33	10470	7550	20240	2	20.0	248	231.02	1.93	V
286	58	Fondazi one	34-40	1	Ini	1.01	0.00	2.50	2.50	48	13188	7550	20240	2	20.0	349	157.88	1.53	V
287	59	Fondazi one	35-36	1	Ini	1.01	0.00	2.50	2.50	190	14048	7550	20240	2	20.0	303	39.83	1.44	V
288	60	Fondazi one	35-37	1	Ini	1.01	0.00	2.50	2.50	73	9657	7550	20240	2	20.0	222	103.52	2.10	V
289	61	Fondazi one	38-36	1	Ini	1.01	0.00	2.50	2.50	120	9973	7550	20240	2	20.0	222	63.13	2.03	V
290	62	Fondazi one	37-38	1	Ini	1.01	0.00	2.50	2.50	191	10921	7550	20240	2	20.0	303	39.45	1.85	V
291	63	Fondazi one	37-41	1	Ini	1.01	0.00	2.50	2.50	275	4712	7550	20240	2	20.0	102	27.42	4.30	V
292	64	Fondazi one	42-38	1	Ini	1.01	0.00	2.50	2.50	247	6193	7550	20240	2	20.0	102	30.61	3.27	V
293	65	Fondazi one	39-40	1	Ini	1.01	0.00	2.50	2.50	144	19917	7550	20240	2	20.0	609	52.57	1.02	V
294	66	Fondazi one	40-41	1	Ini	1.01	0.00	2.50	2.50	72	13112	7550	20240	2	20.0	244	105.20	1.54	V
295	67	Fondazi one	41-42	1	Ini	1.01	0.00	2.50	2.50	149	11875	7550	20240	2	20.0	303	50.75	1.70	V

4.3 Verifica Stati Limite DL - PGA DL = 0.1286 g.

4.3.1 Cinematismi Nodali SLD.

Tabella 90.I

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
1	CC1	0.2117	0.0800	0.0989	4.26E-4	-7.78E-4	-1.98E-4
	CC2	0.2043	0.0927	0.1063	4.65E-4	-7.78E-4	-1.63E-4
	CC3	0.2417	-0.0639	-0.0769	-2.56E-4	-5.45E-4	-4.66E-4
	CC4	0.2343	-0.0512	-0.0695	-2.18E-4	-5.45E-4	-4.32E-4
	CC5	-0.2310	0.0545	-0.4226	-6.45E-4	8.91E-4	4.32E-4
	CC6	-0.2385	0.0671	-0.4152	-6.07E-4	8.91E-4	4.67E-4
	CC7	-0.2010	-0.0894	-0.5984	-1.33E-3	1.12E-3	1.64E-4
	CC8	-0.2084	-0.0768	-0.5910	-1.29E-3	1.12E-3	1.99E-4
	CC9	0.0272	0.2296	0.1161	8.19E-4	-4.65E-4	3.09E-4
	CC10	0.0088	0.2610	0.1344	9.15E-4	-4.66E-4	3.96E-4
	CC11	-0.1056	0.2219	-0.0404	4.97E-4	3.56E-5	4.99E-4
	CC12	-0.1240	0.2533	-0.0221	5.93E-4	3.49E-5	5.85E-4
	CC13	0.1273	-0.2501	-0.4700	-1.46E-3	3.11E-4	-5.84E-4
	CC14	0.1089	-0.2187	-0.4517	-1.36E-3	3.11E-4	-4.98E-4
	CC15	-0.0055	-0.2578	-0.6265	-1.78E-3	8.12E-4	-3.95E-4
	CC16	-0.0240	-0.2264	-0.6082	-1.68E-3	8.11E-4	-3.09E-4
2	CC1	0.1985	0.0824	0.0427	2.35E-4	-6.50E-4	2.68E-4
	CC2	0.1996	0.0950	0.0458	2.86E-4	-6.54E-4	2.86E-4
	CC3	0.1995	-0.0614	0.0272	-5.36E-4	-6.67E-4	1.31E-4
	CC4	0.2006	-0.0488	0.0302	-4.85E-4	-6.71E-4	1.49E-4
	CC5	-0.1978	0.0500	-0.4155	7.38E-4	9.71E-4	-1.49E-4
	CC6	-0.1966	0.0626	-0.4125	7.89E-4	9.67E-4	-1.31E-4

	CC7	-0.1968	-0.0938	-0.4311	-3.29E-5	9.53E-4	-2.86E-4
	CC8	-0.1957	-0.0812	-0.4280	1.83E-5	9.49E-4	-2.68E-4
	CC9	0.0578	0.2296	-0.1018	1.27E-3	-5.95E-5	2.68E-4
	CC10	0.0606	0.2609	-0.0942	1.40E-3	-6.96E-5	3.14E-4
	CC11	-0.0611	0.2199	-0.2392	1.42E-3	4.27E-4	1.43E-4
	CC12	-0.0583	0.2512	-0.2316	1.55E-3	4.17E-4	1.89E-4
	CC13	0.0611	-0.2500	-0.1536	-1.30E-3	-1.17E-4	-1.89E-4
	CC14	0.0639	-0.2187	-0.1460	-1.17E-3	-1.27E-4	-1.43E-4
	CC15	-0.0578	-0.2597	-0.2911	-1.15E-3	3.69E-4	-3.14E-4
	CC16	-0.0550	-0.2284	-0.2835	-1.02E-3	3.59E-4	-2.68E-4
3	CC1	0.2572	0.0831	-0.0734	5.55E-4	-4.99E-4	2.54E-4
	CC2	0.2631	0.0957	-0.0928	6.60E-4	-4.78E-4	2.82E-4
	CC3	0.2327	-0.0610	0.2444	-9.25E-4	-9.34E-4	4.00E-5
	CC4	0.2385	-0.0484	0.2251	-8.20E-4	-9.14E-4	6.78E-5
	CC5	-0.2370	0.0492	-0.6431	9.18E-4	1.20E-3	-7.05E-5
	CC6	-0.2311	0.0618	-0.6625	1.02E-3	1.22E-3	-4.28E-5
	CC7	-0.2615	-0.0949	-0.3253	-5.61E-4	7.60E-4	-2.85E-4
	CC8	-0.2556	-0.0823	-0.3447	-4.56E-4	7.80E-4	-2.57E-4
	CC9	0.1084	0.2299	-0.6292	2.33E-3	5.87E-4	3.70E-4
	CC10	0.1231	0.2613	-0.6774	2.59E-3	6.38E-4	4.39E-4
	CC11	-0.0398	0.2198	-0.8002	2.44E-3	1.10E-3	2.73E-4
	CC12	-0.0252	0.2511	-0.8483	2.70E-3	1.15E-3	3.42E-4
	CC13	0.0267	-0.2504	0.4302	-2.60E-3	-8.64E-4	-3.44E-4
	CC14	0.0414	-0.2190	0.3821	-2.34E-3	-8.13E-4	-2.75E-4
	CC15	-0.1215	-0.2605	0.2593	-2.49E-3	-3.56E-4	-4.42E-4
	CC16	-0.1069	-0.2292	0.2112	-2.23E-3	-3.05E-4	-3.73E-4
4	CC1	0.2150	0.0427	-0.1024	4.34E-5	-4.23E-4	-1.45E-4
	CC2	0.2077	0.0477	-0.0983	7.27E-5	-4.21E-4	-1.34E-4
	CC3	0.2433	-0.0302	-0.1888	-4.62E-4	-3.65E-4	-1.94E-4
	CC4	0.2360	-0.0252	-0.1847	-4.33E-4	-3.63E-4	-1.83E-4
	CC5	-0.2337	0.0283	-0.2663	-4.07E-4	3.23E-4	1.81E-4
	CC6	-0.2410	0.0333	-0.2622	-3.77E-4	3.25E-4	1.93E-4
	CC7	-0.2053	-0.0446	-0.3526	-9.12E-4	3.81E-4	1.32E-4
	CC8	-0.2127	-0.0396	-0.3485	-8.83E-4	3.83E-4	1.43E-4
	CC9	0.0304	0.1190	-0.0621	4.54E-4	-2.31E-4	1.81E-5
	CC10	0.0121	0.1315	-0.0519	5.26E-4	-2.26E-4	4.67E-5
	CC11	-0.1042	0.1146	-0.1113	3.19E-4	-7.22E-6	1.16E-4
	CC12	-0.1225	0.1272	-0.1011	3.91E-4	-1.86E-6	1.44E-4
	CC13	0.1248	-0.1241	-0.3499	-1.23E-3	-3.84E-5	-1.46E-4
	CC14	0.1065	-0.1115	-0.3397	-1.16E-3	-3.31E-5	-1.18E-4
	CC15	-0.0098	-0.1284	-0.3990	-1.37E-3	1.85E-4	-4.84E-5
	CC16	-0.0281	-0.1159	-0.3889	-1.29E-3	1.91E-4	-1.98E-5
5	CC1	0.2018	0.0426	-0.0982	2.31E-4	-3.53E-4	1.54E-4
	CC2	0.2030	0.0477	-0.0966	2.57E-4	-3.55E-4	1.64E-4
	CC3	0.2026	-0.0305	-0.1157	-1.90E-4	-3.65E-4	1.06E-4
	CC4	0.2038	-0.0255	-0.1140	-1.63E-4	-3.67E-4	1.16E-4
	CC5	-0.2017	0.0268	-0.2315	4.24E-4	3.44E-4	-1.17E-4
	CC6	-0.2005	0.0319	-0.2298	4.50E-4	3.42E-4	-1.07E-4
	CC7	-0.2008	-0.0464	-0.2489	3.40E-6	3.32E-4	-1.65E-4
	CC8	-0.1996	-0.0413	-0.2472	2.99E-5	3.30E-4	-1.55E-4
	CC9	0.0587	0.1187	-0.1258	7.69E-4	-9.36E-5	1.08E-4
	CC10	0.0616	0.1313	-0.1216	8.35E-4	-9.80E-5	1.33E-4
	CC11	-0.0624	0.1140	-0.1657	8.27E-4	1.15E-4	2.67E-5
	CC12	-0.0594	0.1265	-0.1615	8.92E-4	1.11E-4	5.14E-5
	CC13	0.0616	-0.1252	-0.1839	-6.32E-4	-1.34E-4	-5.25E-5
	CC14	0.0645	-0.1126	-0.1797	-5.66E-4	-1.38E-4	-2.79E-5
	CC15	-0.0595	-0.1300	-0.2239	-5.74E-4	7.56E-5	-1.34E-4
	CC16	-0.0565	-0.1174	-0.2197	-5.08E-4	7.12E-5	-1.09E-4
6	CC1	0.2578	0.0427	-0.1784	4.11E-4	-3.37E-4	1.20E-4
	CC2	0.2634	0.0478	-0.1882	4.72E-4	-3.31E-4	1.31E-4
	CC3	0.2363	-0.0306	-0.0138	-5.10E-4	-4.55E-4	6.45E-5
	CC4	0.2419	-0.0256	-0.0235	-4.50E-4	-4.49E-4	7.59E-5
	CC5	-0.2412	0.0266	-0.3619	5.76E-4	4.16E-4	-7.83E-5
	CC6	-0.2356	0.0316	-0.3717	6.36E-4	4.22E-4	-6.69E-5
	CC7	-0.2627	-0.0468	-0.1973	-3.46E-4	2.98E-4	-1.34E-4
	CC8	-0.2571	-0.0417	-0.2070	-2.86E-4	3.04E-4	-1.22E-4
	CC9	0.1040	0.1189	-0.4274	1.50E-3	6.00E-5	1.07E-4
	CC10	0.1181	0.1315	-0.4517	1.65E-3	7.43E-5	1.35E-4
	CC11	-0.0457	0.1140	-0.4825	1.55E-3	2.86E-4	4.74E-5
	CC12	-0.0316	0.1266	-0.5067	1.70E-3	3.00E-4	7.58E-5
	CC13	0.0323	-0.1256	0.1213	-1.57E-3	-3.34E-4	-7.82E-5
	CC14	0.0464	-0.1130	0.0970	-1.42E-3	-3.19E-4	-4.98E-5

	CC15	-0.1174	-0.1305	0.0662	-1.52E-3	-1.08E-4	-1.38E-4
	CC16	-0.1033	-0.1179	0.0420	-1.37E-3	-9.34E-5	-1.09E-4
7	CC1	0.2189	0.0433	-0.1532	-7.95E-5	-2.22E-4	-1.84E-4
	CC2	0.2116	0.0474	-0.1492	-5.42E-5	-2.16E-4	-1.76E-4
	CC3	0.2456	-0.0322	-0.2367	-5.57E-4	-2.76E-4	-1.70E-4
	CC4	0.2383	-0.0281	-0.2326	-5.31E-4	-2.70E-4	-1.62E-4
	CC5	-0.2367	0.0314	-0.2209	-3.10E-4	2.83E-4	1.61E-4
	CC6	-0.2440	0.0355	-0.2169	-2.85E-4	2.89E-4	1.69E-4
	CC7	-0.2100	-0.0441	-0.3044	-7.87E-4	2.28E-4	1.74E-4
	CC8	-0.2173	-0.0400	-0.3003	-7.62E-4	2.35E-4	1.82E-4
	CC9	0.0338	0.1242	-0.0826	3.78E-4	1.33E-5	-8.46E-5
	CC10	0.0156	0.1344	-0.0725	4.40E-4	2.91E-5	-6.49E-5
	CC11	-0.1029	0.1206	-0.1029	3.08E-4	1.65E-4	1.87E-5
	CC12	-0.1211	0.1308	-0.0928	3.71E-4	1.81E-4	3.84E-5
	CC13	0.1227	-0.1275	-0.3608	-1.21E-3	-1.68E-4	-3.95E-5
	CC14	0.1045	-0.1173	-0.3507	-1.15E-3	-1.52E-4	-1.99E-5
	CC15	-0.0140	-0.1311	-0.3811	-1.28E-3	-1.65E-5	6.38E-5
	CC16	-0.0322	-0.1209	-0.3710	-1.22E-3	-7.15E-7	8.34E-5
8	CC1	0.2050	0.0426	-0.1858	3.64E-4	-2.30E-4	1.27E-4
	CC2	0.2062	0.0467	-0.1844	3.86E-4	-2.30E-4	1.34E-4
	CC3	0.2060	-0.0330	-0.2093	-4.69E-5	-2.63E-4	1.33E-4
	CC4	0.2073	-0.0289	-0.2079	-2.46E-5	-2.63E-4	1.39E-4
	CC5	-0.2057	0.0303	-0.1389	2.86E-4	2.65E-4	-1.40E-4
	CC6	-0.2045	0.0345	-0.1374	3.09E-4	2.65E-4	-1.34E-4
	CC7	-0.2047	-0.0453	-0.1624	-1.24E-4	2.32E-4	-1.35E-4
	CC8	-0.2034	-0.0411	-0.1609	-1.02E-4	2.32E-4	-1.28E-4
	CC9	0.0591	0.1235	-0.1430	7.99E-4	-1.82E-5	2.23E-5
	CC10	0.0622	0.1337	-0.1394	8.54E-4	-1.86E-5	3.87E-5
	CC11	-0.0641	0.1198	-0.1289	7.76E-4	1.30E-4	-5.79E-5
	CC12	-0.0610	0.1300	-0.1253	8.31E-4	1.30E-4	-4.16E-5
	CC13	0.0626	-0.1285	-0.2214	-5.69E-4	-1.28E-4	4.06E-5
	CC14	0.0657	-0.1183	-0.2178	-5.14E-4	-1.29E-4	5.69E-5
	CC15	-0.0607	-0.1322	-0.2073	-5.92E-4	2.03E-5	-3.97E-5
	CC16	-0.0575	-0.1220	-0.2037	-5.37E-4	1.99E-5	-2.34E-5
9	CC1	0.2592	0.0426	-0.3004	5.19E-4	-2.86E-4	8.77E-5
	CC2	0.2646	0.0468	-0.3085	5.69E-4	-2.89E-4	9.55E-5
	CC3	0.2405	-0.0332	-0.1443	-3.84E-4	-2.20E-4	9.33E-5
	CC4	0.2460	-0.0291	-0.1525	-3.34E-4	-2.23E-4	1.01E-4
	CC5	-0.2459	0.0302	-0.2346	4.61E-4	2.39E-4	-1.03E-4
	CC6	-0.2404	0.0343	-0.2428	5.10E-4	2.35E-4	-9.52E-5
	CC7	-0.2645	-0.0456	-0.0786	-4.42E-4	3.04E-4	-9.74E-5
	CC8	-0.2591	-0.0415	-0.0868	-3.93E-4	3.01E-4	-8.96E-5
	CC9	0.1001	0.1236	-0.4533	1.52E-3	-1.76E-4	8.76E-6
	CC10	0.1137	0.1339	-0.4737	1.64E-3	-1.85E-4	2.80E-5
	CC11	-0.0514	0.1199	-0.4336	1.50E-3	-1.91E-5	-4.84E-5
	CC12	-0.0379	0.1302	-0.4539	1.62E-3	-2.76E-5	-2.92E-5
	CC13	0.0380	-0.1290	0.0668	-1.50E-3	4.29E-5	2.73E-5
	CC14	0.0515	-0.1188	0.0465	-1.37E-3	3.44E-5	4.65E-5
	CC15	-0.1136	-0.1328	0.0865	-1.51E-3	2.00E-4	-2.99E-5
	CC16	-0.1000	-0.1225	0.0662	-1.39E-3	1.92E-4	-1.07E-5
10	CC1	0.2218	0.0574	-0.1580	-9.03E-5	-2.01E-4	-1.59E-4
	CC2	0.2145	0.0618	-0.1533	-6.70E-5	-1.98E-4	-1.49E-4
	CC3	0.2476	-0.0470	-0.2615	-6.11E-4	-2.11E-4	-1.97E-4
	CC4	0.2403	-0.0425	-0.2568	-5.88E-4	-2.07E-4	-1.88E-4
	CC5	-0.2393	0.0460	-0.1971	-2.37E-4	2.13E-4	1.88E-4
	CC6	-0.2466	0.0504	-0.1924	-2.14E-4	2.17E-4	1.98E-4
	CC7	-0.2135	-0.0584	-0.3007	-7.58E-4	2.04E-4	1.49E-4
	CC8	-0.2209	-0.0539	-0.2960	-7.34E-4	2.08E-4	1.59E-4
	CC9	0.0358	0.1719	-0.0544	4.48E-4	-4.82E-5	-3.56E-9
	CC10	0.0177	0.1829	-0.0427	5.06E-4	-3.95E-5	2.42E-5
	CC11	-0.1025	0.1685	-0.0661	4.04E-4	7.62E-5	1.04E-4
	CC12	-0.1207	0.1795	-0.0545	4.62E-4	8.49E-5	1.28E-4
	CC13	0.1216	-0.1760	-0.3995	-1.29E-3	-7.86E-5	-1.28E-4
	CC14	0.1035	-0.1650	-0.3879	-1.23E-3	-6.99E-5	-1.04E-4
	CC15	-0.0167	-0.1795	-0.4112	-1.33E-3	4.58E-5	-2.40E-5
	CC16	-0.0348	-0.1684	-0.3996	-1.27E-3	5.45E-5	1.94E-7
11	CC1	0.2076	0.0566	-0.1714	4.08E-4	-2.02E-4	1.46E-4
	CC2	0.2089	0.0611	-0.1696	4.32E-4	-2.03E-4	1.53E-4
	CC3	0.2085	-0.0483	-0.2086	-1.19E-4	-2.06E-4	1.14E-4
	CC4	0.2097	-0.0438	-0.2069	-9.45E-5	-2.07E-4	1.21E-4
	CC5	-0.2086	0.0452	-0.1472	3.41E-4	2.14E-4	-1.23E-4
	CC6	-0.2074	0.0497	-0.1454	3.66E-4	2.13E-4	-1.15E-4

	CC7	-0.2078	-0.0597	-0.1844	-1.85E-4	2.10E-4	-1.55E-4
	CC8	-0.2065	-0.0552	-0.1827	-1.61E-4	2.09E-4	-1.47E-4
	CC9	0.0600	0.1717	-0.1207	9.81E-4	-5.04E-5	8.34E-5
	CC10	0.0631	0.1828	-0.1164	1.04E-3	-5.35E-5	1.02E-4
	CC11	-0.0649	0.1683	-0.1135	9.61E-4	7.43E-5	2.95E-6
	CC12	-0.0618	0.1794	-0.1092	1.02E-3	7.12E-5	2.18E-5
	CC13	0.0628	-0.1780	-0.2449	-7.75E-4	-6.42E-5	-2.33E-5
	CC14	0.0660	-0.1669	-0.2406	-7.14E-4	-6.74E-5	-4.49E-6
	CC15	-0.0620	-0.1814	-0.2377	-7.94E-4	6.05E-5	-1.04E-4
	CC16	-0.0589	-0.1703	-0.2333	-7.34E-4	5.74E-5	-8.49E-5
12	CC1	0.2607	0.0565	-0.3037	6.06E-4	-1.87E-4	1.08E-4
	CC2	0.2660	0.0610	-0.3124	6.56E-4	-1.87E-4	1.17E-4
	CC3	0.2433	-0.0485	-0.1117	-4.79E-4	-2.04E-4	7.00E-5
	CC4	0.2486	-0.0441	-0.1204	-4.28E-4	-2.03E-4	7.90E-5
	CC5	-0.2491	0.0451	-0.2644	5.17E-4	2.09E-4	-8.15E-5
	CC6	-0.2438	0.0495	-0.2731	5.67E-4	2.09E-4	-7.26E-5
	CC7	-0.2664	-0.0599	-0.0724	-5.68E-4	1.92E-4	-1.20E-4
	CC8	-0.2611	-0.0555	-0.0811	-5.17E-4	1.93E-4	-1.11E-4
	CC9	0.0986	0.1717	-0.5075	1.80E-3	-2.94E-5	7.98E-5
	CC10	0.1118	0.1828	-0.5291	1.93E-3	-2.90E-5	1.02E-4
	CC11	-0.0543	0.1683	-0.4957	1.78E-3	8.94E-5	2.28E-5
	CC12	-0.0411	0.1794	-0.5173	1.90E-3	8.99E-5	4.51E-5
	CC13	0.0407	-0.1783	0.1325	-1.81E-3	-8.44E-5	-4.76E-5
	CC14	0.0539	-0.1673	0.1109	-1.69E-3	-8.39E-5	-2.53E-5
	CC15	-0.1123	-0.1818	0.1443	-1.84E-3	3.44E-5	-1.05E-4
	CC16	-0.0991	-0.1707	0.1227	-1.71E-3	3.49E-5	-8.23E-5
13	CC1	0.2238	0.0425	-0.1772	-1.60E-4	-2.19E-4	-1.44E-4
	CC2	0.2164	0.0447	-0.1743	-1.45E-4	-2.19E-4	-1.32E-4
	CC3	0.2487	-0.0341	-0.2532	-6.00E-4	-1.55E-4	-2.20E-4
	CC4	0.2414	-0.0319	-0.2502	-5.85E-4	-1.55E-4	-2.09E-4
	CC5	-0.2410	0.0352	-0.2014	-2.54E-4	1.71E-4	2.10E-4
	CC6	-0.2483	0.0374	-0.1984	-2.39E-4	1.71E-4	2.21E-4
	CC7	-0.2161	-0.0414	-0.2773	-6.94E-4	2.35E-4	1.33E-4
	CC8	-0.2234	-0.0391	-0.2744	-6.79E-4	2.35E-4	1.45E-4
	CC9	0.0374	0.1276	-0.0992	3.08E-4	-1.58E-4	6.10E-5
	CC10	0.0193	0.1331	-0.0919	3.46E-4	-1.58E-4	8.93E-5
	CC11	-0.1020	0.1255	-0.1065	2.80E-4	-4.09E-5	1.67E-4
	CC12	-0.1202	0.1310	-0.0992	3.18E-4	-4.06E-5	1.95E-4
	CC13	0.1205	-0.1276	-0.3524	-1.16E-3	5.65E-5	-1.94E-4
	CC14	0.1023	-0.1221	-0.3451	-1.12E-3	5.68E-5	-1.66E-4
	CC15	-0.0189	-0.1298	-0.3597	-1.18E-3	1.73E-4	-8.83E-5
	CC16	-0.0371	-0.1243	-0.3524	-1.15E-3	1.74E-4	-6.00E-5
14	CC1	0.2092	0.0415	-0.1727	3.45E-4	-1.91E-4	1.57E-4
	CC2	0.2105	0.0437	-0.1719	3.59E-4	-1.93E-4	1.65E-4
	CC3	0.2099	-0.0351	-0.1971	-3.21E-5	-1.70E-4	1.04E-4
	CC4	0.2112	-0.0329	-0.1963	-1.81E-5	-1.72E-4	1.12E-4
	CC5	-0.2106	0.0344	-0.1485	2.80E-4	2.03E-4	-1.14E-4
	CC6	-0.2093	0.0367	-0.1476	2.94E-4	2.01E-4	-1.06E-4
	CC7	-0.2098	-0.0422	-0.1728	-9.69E-5	2.24E-4	-1.67E-4
	CC8	-0.2086	-0.0400	-0.1720	-8.29E-5	2.22E-4	-1.58E-4
	CC9	0.0605	0.1268	-0.1364	7.52E-4	-7.57E-5	1.17E-4
	CC10	0.0636	0.1323	-0.1343	7.87E-4	-8.13E-5	1.38E-4
	CC11	-0.0654	0.1247	-0.1291	7.33E-4	4.25E-5	3.59E-5
	CC12	-0.0623	0.1302	-0.1270	7.67E-4	3.69E-5	5.66E-5
	CC13	0.0629	-0.1287	-0.2177	-5.05E-4	-5.93E-6	-5.83E-5
	CC14	0.0660	-0.1232	-0.2156	-4.70E-4	-1.15E-5	-3.76E-5
	CC15	-0.0630	-0.1308	-0.2104	-5.25E-4	1.12E-4	-1.39E-4
	CC16	-0.0599	-0.1253	-0.2083	-4.90E-4	1.07E-4	-1.19E-4
15	CC1	0.2613	0.0415	-0.2815	5.09E-4	-1.09E-4	1.23E-4
	CC2	0.2665	0.0437	-0.2868	5.39E-4	-1.04E-4	1.33E-4
	CC3	0.2447	-0.0354	-0.1417	-3.24E-4	-2.38E-4	5.45E-5
	CC4	0.2499	-0.0332	-0.1469	-2.94E-4	-2.33E-4	6.46E-5
	CC5	-0.2509	0.0344	-0.2389	4.25E-4	2.40E-4	-6.72E-5
	CC6	-0.2457	0.0366	-0.2442	4.55E-4	2.45E-4	-5.71E-5
	CC7	-0.2675	-0.0425	-0.0991	-4.08E-4	1.11E-4	-1.35E-4
	CC8	-0.2623	-0.0403	-0.1043	-3.78E-4	1.16E-4	-1.25E-4
	CC9	0.0975	0.1270	-0.4259	1.43E-3	1.60E-4	1.28E-4
	CC10	0.1104	0.1325	-0.4389	1.50E-3	1.73E-4	1.53E-4
	CC11	-0.0561	0.1249	-0.4131	1.40E-3	2.64E-4	7.13E-5
	CC12	-0.0433	0.1304	-0.4262	1.48E-3	2.77E-4	9.64E-5
	CC13	0.0423	-0.1292	0.0403	-1.35E-3	-2.70E-4	-9.90E-5
	CC14	0.0552	-0.1237	0.0272	-1.27E-3	-2.57E-4	-7.39E-5

	CC15	-0.1114	-0.1313	0.0531	-1.37E-3	-1.66E-4	-1.56E-4
	CC16	-0.0985	-0.1258	0.0400	-1.30E-3	-1.53E-4	-1.31E-4
16	CC1	0.2250	0.0396	-0.1947	-2.02E-4	-1.93E-4	-1.70E-4
	CC2	0.2177	0.0406	-0.1935	-1.94E-4	-1.92E-4	-1.60E-4
	CC3	0.2486	-0.0321	-0.2495	-5.98E-4	-1.73E-4	-2.01E-4
	CC4	0.2413	-0.0311	-0.2483	-5.90E-4	-1.72E-4	-1.91E-4
	CC5	-0.2417	0.0343	-0.2019	-2.54E-4	1.76E-4	1.92E-4
	CC6	-0.2490	0.0354	-0.2007	-2.46E-4	1.78E-4	2.02E-4
	CC7	-0.2182	-0.0374	-0.2567	-6.50E-4	1.96E-4	1.61E-4
	CC8	-0.2255	-0.0364	-0.2555	-6.42E-4	1.98E-4	1.71E-4
	CC9	0.0396	0.1206	-0.1342	2.36E-4	-8.89E-5	-1.37E-5
	CC10	0.0214	0.1232	-0.1311	2.56E-4	-8.44E-5	1.00E-5
	CC11	-0.1005	0.1191	-0.1364	2.21E-4	2.18E-5	9.49E-5
	CC12	-0.1186	0.1217	-0.1333	2.40E-4	2.64E-5	1.19E-4
	CC13	0.1181	-0.1184	-0.3169	-1.08E-3	-2.23E-5	-1.18E-4
	CC14	0.1000	-0.1158	-0.3138	-1.06E-3	-1.77E-5	-9.40E-5
	CC15	-0.0219	-0.1200	-0.3191	-1.10E-3	8.85E-5	-9.10E-6
	CC16	-0.0400	-0.1174	-0.3160	-1.08E-3	9.30E-5	1.46E-5
17	CC1	0.2106	0.0388	-0.1721	3.06E-4	-1.79E-4	1.44E-4
	CC2	0.2118	0.0398	-0.1717	3.13E-4	-1.80E-4	1.51E-4
	CC3	0.2097	-0.0331	-0.1943	7.37E-6	-1.87E-4	1.18E-4
	CC4	0.2110	-0.0321	-0.1938	1.39E-5	-1.88E-4	1.25E-4
	CC5	-0.2110	0.0335	-0.1462	2.57E-4	1.96E-4	-1.26E-4
	CC6	-0.2098	0.0345	-0.1458	2.63E-4	1.95E-4	-1.19E-4
	CC7	-0.2119	-0.0384	-0.1684	-4.22E-5	1.89E-4	-1.52E-4
	CC8	-0.2107	-0.0374	-0.1679	-3.58E-5	1.88E-4	-1.45E-4
	CC9	0.0631	0.1200	-0.1376	6.33E-4	-3.78E-5	7.42E-5
	CC10	0.0662	0.1226	-0.1365	6.49E-4	-4.04E-5	9.18E-5
	CC11	-0.0634	0.1184	-0.1298	6.18E-4	7.49E-5	-6.82E-6
	CC12	-0.0603	0.1210	-0.1287	6.34E-4	7.23E-5	1.08E-5
	CC13	0.0602	-0.1196	-0.2114	-3.64E-4	-6.38E-5	-1.26E-5
	CC14	0.0633	-0.1170	-0.2103	-3.48E-4	-6.64E-5	5.06E-6
	CC15	-0.0663	-0.1212	-0.2036	-3.79E-4	4.88E-5	-9.36E-5
	CC16	-0.0632	-0.1186	-0.2025	-3.62E-4	4.62E-5	-7.59E-5
18	CC1	0.2604	0.0387	-0.2642	4.43E-4	-1.33E-4	1.04E-4
	CC2	0.2654	0.0398	-0.2665	4.57E-4	-1.31E-4	1.13E-4
	CC3	0.2453	-0.0334	-0.1585	-2.42E-4	-1.87E-4	7.27E-5
	CC4	0.2503	-0.0323	-0.1609	-2.28E-4	-1.85E-4	8.11E-5
	CC5	-0.2518	0.0334	-0.2261	3.83E-4	1.84E-4	-8.35E-5
	CC6	-0.2468	0.0345	-0.2284	3.98E-4	1.86E-4	-7.50E-5
	CC7	-0.2670	-0.0387	-0.1204	-3.02E-4	1.30E-4	-1.15E-4
	CC8	-0.2619	-0.0377	-0.1228	-2.87E-4	1.32E-4	-1.07E-4
	CC9	0.0950	0.1202	-0.3723	1.21E-3	3.94E-5	6.94E-5
	CC10	0.1075	0.1229	-0.3782	1.25E-3	4.43E-5	9.04E-5
	CC11	-0.0586	0.1186	-0.3609	1.19E-3	1.35E-4	1.30E-5
	CC12	-0.0462	0.1213	-0.3668	1.23E-3	1.40E-4	3.40E-5
	CC13	0.0447	-0.1202	-0.0202	-1.07E-3	-1.40E-4	-3.64E-5
	CC14	0.0571	-0.1176	-0.0260	-1.04E-3	-1.36E-4	-1.54E-5
	CC15	-0.1090	-0.1218	-0.0088	-1.09E-3	-4.53E-5	-9.27E-5
	CC16	-0.0966	-0.1192	-0.0146	-1.05E-3	-4.04E-5	-7.17E-5
19	CC1	0.2254	0.0398	-0.2219	-2.01E-4	-1.90E-4	-1.70E-4
	CC2	0.2182	0.0399	-0.2217	-2.00E-4	-1.87E-4	-1.60E-4
	CC3	0.2476	-0.0321	-0.2693	-5.72E-4	-1.98E-4	-1.93E-4
	CC4	0.2403	-0.0319	-0.2691	-5.71E-4	-1.95E-4	-1.84E-4
	CC5	-0.2417	0.0352	-0.1842	-2.83E-4	1.79E-4	1.85E-4
	CC6	-0.2490	0.0353	-0.1841	-2.81E-4	1.82E-4	1.94E-4
	CC7	-0.2196	-0.0367	-0.2316	-6.53E-4	1.71E-4	1.61E-4
	CC8	-0.2268	-0.0365	-0.2314	-6.52E-4	1.74E-4	1.71E-4
	CC9	0.0415	0.1219	-0.1536	2.02E-4	-5.31E-5	-2.53E-5
	CC10	0.0235	0.1223	-0.1532	2.05E-4	-4.56E-5	-1.51E-6
	CC11	-0.0986	0.1206	-0.1423	1.77E-4	5.77E-5	8.10E-5
	CC12	-0.1167	0.1209	-0.1419	1.81E-4	6.51E-5	1.05E-4
	CC13	0.1153	-0.1177	-0.3114	-1.03E-3	-8.13E-5	-1.04E-4
	CC14	0.0972	-0.1173	-0.3110	-1.03E-3	-7.38E-5	-7.99E-5
	CC15	-0.0249	-0.1191	-0.3001	-1.06E-3	2.94E-5	2.61E-6
	CC16	-0.0429	-0.1187	-0.2997	-1.05E-3	3.69E-5	2.64E-5
20	CC1	0.2104	0.0391	-0.1800	3.13E-4	-1.94E-4	1.38E-4
	CC2	0.2117	0.0392	-0.1798	3.14E-4	-1.95E-4	1.45E-4
	CC3	0.2094	-0.0330	-0.2050	5.08E-5	-2.05E-4	1.20E-4
	CC4	0.2106	-0.0329	-0.2047	5.21E-5	-2.06E-4	1.27E-4
	CC5	-0.2115	0.0342	-0.1374	2.31E-4	1.94E-4	-1.29E-4
	CC6	-0.2103	0.0344	-0.1371	2.32E-4	1.93E-4	-1.22E-4

	CC7	-0.2126	-0.0379	-0.1623	-3.10E-5	1.82E-4	-1.47E-4
	CC8	-0.2114	-0.0377	-0.1620	-2.97E-5	1.81E-4	-1.40E-4
	CC9	0.0631	0.1214	-0.1363	5.88E-4	-4.44E-5	6.14E-5
	CC10	0.0662	0.1218	-0.1356	5.92E-4	-4.67E-5	7.85E-5
	CC11	-0.0635	0.1199	-0.1235	5.64E-4	7.19E-5	-1.87E-5
	CC12	-0.0604	0.1203	-0.1228	5.67E-4	6.95E-5	-1.57E-6
	CC13	0.0595	-0.1190	-0.2193	-2.84E-4	-8.20E-5	-3.32E-7
	CC14	0.0626	-0.1186	-0.2186	-2.81E-4	-8.43E-5	1.68E-5
	CC15	-0.0671	-0.1204	-0.2065	-3.09E-4	3.43E-5	-8.04E-5
	CC16	-0.0640	-0.1200	-0.2058	-3.05E-4	3.19E-5	-6.33E-5
21	CC1	0.2583	0.0391	-0.2749	4.42E-4	-1.58E-4	9.27E-5
	CC2	0.2632	0.0393	-0.2753	4.45E-4	-1.58E-4	1.01E-4
	CC3	0.2445	-0.0333	-0.1874	-1.73E-4	-2.05E-4	7.27E-5
	CC4	0.2493	-0.0331	-0.1878	-1.69E-4	-2.04E-4	8.07E-5
	CC5	-0.2515	0.0341	-0.2065	3.47E-4	1.70E-4	-8.30E-5
	CC6	-0.2466	0.0343	-0.2069	3.50E-4	1.70E-4	-7.50E-5
	CC7	-0.2653	-0.0383	-0.1191	-2.68E-4	1.23E-4	-1.03E-4
	CC8	-0.2604	-0.0381	-0.1194	-2.64E-4	1.24E-4	-9.49E-5
	CC9	0.0925	0.1217	-0.3527	1.12E-3	1.07E-5	4.85E-5
	CC10	0.1044	0.1221	-0.3536	1.13E-3	1.21E-5	6.84E-5
	CC11	-0.0605	0.1202	-0.3322	1.09E-3	1.09E-4	-4.17E-6
	CC12	-0.0485	0.1206	-0.3331	1.10E-3	1.10E-4	1.57E-5
	CC13	0.0464	-0.1196	-0.0612	-9.25E-4	-1.45E-4	-1.80E-5
	CC14	0.0584	-0.1192	-0.0621	-9.17E-4	-1.43E-4	1.91E-6
	CC15	-0.1065	-0.1211	-0.0407	-9.54E-4	-4.63E-5	-7.07E-5
	CC16	-0.0946	-0.1207	-0.0416	-9.45E-4	-4.50E-5	-5.08E-5
22	CC1	0.2249	0.0406	-0.2410	-3.18E-4	-2.08E-4	-1.82E-4
	CC2	0.2176	0.0398	-0.2415	-3.22E-4	-2.05E-4	-1.73E-4
	CC3	0.2456	-0.0336	-0.2878	-6.84E-4	-2.32E-4	-1.90E-4
	CC4	0.2383	-0.0345	-0.2883	-6.88E-4	-2.28E-4	-1.80E-4
	CC5	-0.2408	0.0370	-0.1791	-1.92E-4	1.74E-4	1.90E-4
	CC6	-0.2480	0.0361	-0.1795	-1.96E-4	1.77E-4	2.00E-4
	CC7	-0.2201	-0.0372	-0.2259	-5.58E-4	1.51E-4	1.82E-4
	CC8	-0.2273	-0.0381	-0.2264	-5.63E-4	1.54E-4	1.92E-4
	CC9	0.0432	0.1266	-0.1644	1.56E-4	-4.98E-5	-5.00E-5
	CC10	0.0251	0.1244	-0.1655	1.46E-4	-4.17E-5	-2.61E-5
	CC11	-0.0965	0.1255	-0.1458	1.94E-4	6.49E-5	6.17E-5
	CC12	-0.1146	0.1233	-0.1469	1.84E-4	7.30E-5	8.56E-5
	CC13	0.1122	-0.1208	-0.3205	-1.06E-3	-1.27E-4	-7.61E-5
	CC14	0.0941	-0.1230	-0.3216	-1.07E-3	-1.19E-4	-5.22E-5
	CC15	-0.0275	-0.1219	-0.3019	-1.03E-3	-1.28E-5	3.55E-5
	CC16	-0.0456	-0.1241	-0.3030	-1.04E-3	-4.66E-6	5.94E-5
23	CC1	0.2095	0.0399	-0.1945	1.92E-4	-2.12E-4	1.24E-4
	CC2	0.2107	0.0390	-0.1944	1.89E-4	-2.13E-4	1.30E-4
	CC3	0.2082	-0.0348	-0.2228	-6.45E-6	-2.34E-4	1.18E-4
	CC4	0.2094	-0.0357	-0.2227	-8.96E-6	-2.35E-4	1.24E-4
	CC5	-0.2112	0.0363	-0.1348	3.19E-4	1.72E-4	-1.21E-4
	CC6	-0.2100	0.0354	-0.1347	3.17E-4	1.70E-4	-1.14E-4
	CC7	-0.2125	-0.0385	-0.1631	1.21E-4	1.50E-4	-1.27E-4
	CC8	-0.2113	-0.0394	-0.1630	1.19E-4	1.49E-4	-1.20E-4
	CC9	0.0628	0.1265	-0.1407	4.70E-4	-5.22E-5	3.97E-5
	CC10	0.0658	0.1243	-0.1405	4.64E-4	-5.49E-5	5.66E-5
	CC11	-0.0634	0.1254	-0.1228	5.08E-4	6.30E-5	-3.37E-5
	CC12	-0.0604	0.1232	-0.1226	5.02E-4	6.03E-5	-1.68E-5
	CC13	0.0586	-0.1227	-0.2349	-1.91E-4	-1.23E-4	2.02E-5
	CC14	0.0616	-0.1249	-0.2347	-1.98E-4	-1.26E-4	3.70E-5
	CC15	-0.0676	-0.1238	-0.2170	-1.53E-4	-8.33E-6	-5.32E-5
	CC16	-0.0646	-0.1260	-0.2168	-1.59E-4	-1.10E-5	-3.64E-5
24	CC1	0.2551	0.0414	-0.2884	2.58E-4	-9.28E-5	9.45E-5
	CC2	0.2597	0.0406	-0.2874	2.52E-4	-9.26E-5	1.03E-4
	CC3	0.2424	-0.0342	-0.2327	-2.41E-4	-2.11E-4	8.42E-5
	CC4	0.2470	-0.0350	-0.2317	-2.47E-4	-2.10E-4	9.25E-5
	CC5	-0.2495	0.0351	-0.1830	4.41E-4	1.54E-4	-8.85E-5
	CC6	-0.2448	0.0343	-0.1819	4.36E-4	1.54E-4	-8.02E-5
	CC7	-0.2622	-0.0405	-0.1273	-5.77E-5	3.57E-5	-9.88E-5
	CC8	-0.2576	-0.0413	-0.1262	-6.35E-5	3.59E-5	-9.06E-5
	CC9	0.0899	0.1280	-0.3173	9.09E-4	1.31E-4	3.63E-5
	CC10	0.1014	0.1260	-0.3146	8.94E-4	1.31E-4	5.69E-5
	CC11	-0.0614	0.1261	-0.2856	9.64E-4	2.05E-4	-1.86E-5
	CC12	-0.0500	0.1241	-0.2830	9.49E-4	2.05E-4	1.98E-6
	CC13	0.0475	-0.1240	-0.1317	-7.55E-4	-2.62E-4	1.97E-6
	CC14	0.0590	-0.1260	-0.1291	-7.69E-4	-2.62E-4	2.25E-5

	CC15	-0.1038	-0.1259	-0.1000	-7.00E-4	-1.88E-4	-5.29E-5
	CC16	-0.0924	-0.1279	-0.0974	-7.14E-4	-1.88E-4	-3.24E-5
25	CC1	0.2234	0.0576	-0.2502	-3.00E-4	-2.32E-4	-1.94E-4
	CC2	0.2162	0.0555	-0.2514	-3.11E-4	-2.30E-4	-1.83E-4
	CC3	0.2428	-0.0360	-0.3043	-6.88E-4	-2.92E-4	-1.77E-4
	CC4	0.2355	-0.0381	-0.3056	-6.99E-4	-2.90E-4	-1.66E-4
	CC5	-0.2388	0.0348	-0.1956	-2.19E-4	2.11E-4	1.69E-4
	CC6	-0.2460	0.0327	-0.1969	-2.29E-4	2.13E-4	1.79E-4
	CC7	-0.2194	-0.0589	-0.2498	-6.07E-4	1.51E-4	1.85E-4
	CC8	-0.2267	-0.0610	-0.2510	-6.17E-4	1.53E-4	1.96E-4
	CC9	0.0445	0.1604	-0.1669	1.89E-4	-7.95E-6	-9.45E-5
	CC10	0.0264	0.1552	-0.1701	1.63E-4	-2.79E-6	-6.76E-5
	CC11	-0.0942	0.1535	-0.1505	2.13E-4	1.25E-4	1.41E-5
	CC12	-0.1122	0.1484	-0.1537	1.87E-4	1.30E-4	4.10E-5
	CC13	0.1090	-0.1517	-0.3475	-1.10E-3	-2.09E-4	-3.84E-5
	CC14	0.0909	-0.1569	-0.3507	-1.13E-3	-2.04E-4	-1.15E-5
	CC15	-0.0297	-0.1586	-0.3311	-1.08E-3	-7.59E-5	7.03E-5
	CC16	-0.0477	-0.1637	-0.3343	-1.11E-3	-7.07E-5	9.72E-5
26	CC1	0.2078	0.0590	-0.2197	9.65E-5	-2.15E-4	1.36E-4
	CC2	0.2089	0.0569	-0.2200	9.13E-5	-2.17E-4	1.43E-4
	CC3	0.2063	-0.0376	-0.2581	1.32E-5	-2.49E-4	1.28E-4
	CC4	0.2075	-0.0397	-0.2584	7.98E-6	-2.51E-4	1.35E-4
	CC5	-0.2099	0.0333	-0.1386	3.18E-4	1.54E-4	-1.37E-4
	CC6	-0.2087	0.0312	-0.1389	3.12E-4	1.52E-4	-1.30E-4
	CC7	-0.2113	-0.0633	-0.1770	2.34E-4	1.20E-4	-1.45E-4
	CC8	-0.2102	-0.0654	-0.1773	2.29E-4	1.18E-4	-1.38E-4
	CC9	0.0624	0.1643	-0.1463	2.75E-4	-4.40E-5	4.37E-5
	CC10	0.0653	0.1591	-0.1470	2.62E-4	-4.95E-5	6.23E-5
	CC11	-0.0629	0.1566	-0.1220	3.41E-4	6.67E-5	-3.82E-5
	CC12	-0.0600	0.1513	-0.1226	3.28E-4	6.11E-5	-1.96E-5
	CC13	0.0576	-0.1577	-0.2743	-2.82E-6	-1.58E-4	1.73E-5
	CC14	0.0604	-0.1629	-0.2750	-1.58E-5	-1.63E-4	3.60E-5
	CC15	-0.0677	-0.1655	-0.2500	6.35E-5	-4.71E-5	-6.46E-5
	CC16	-0.0649	-0.1707	-0.2507	5.06E-5	-5.27E-5	-4.60E-5
27	CC1	0.2496	0.0609	-0.1334	-1.32E-5	-1.84E-4	-4.08E-5
	CC2	0.2539	0.0588	-0.1312	-3.05E-5	-1.87E-4	-3.37E-5
	CC3	0.2385	-0.0384	-0.1369	-3.57E-4	-2.32E-4	-2.52E-5
	CC4	0.2429	-0.0405	-0.1347	-3.74E-4	-2.36E-4	-1.82E-5
	CC5	-0.2453	0.0327	-0.3121	5.16E-4	1.96E-4	2.74E-5
	CC6	-0.2409	0.0306	-0.3099	4.98E-4	1.93E-4	3.44E-5
	CC7	-0.2563	-0.0665	-0.3156	1.72E-4	1.48E-4	4.29E-5
	CC8	-0.2519	-0.0686	-0.3134	1.55E-4	1.44E-4	4.99E-5
	CC9	0.0860	0.1684	-0.1936	5.86E-4	8.60E-6	-4.02E-5
	CC10	0.0968	0.1631	-0.1881	5.43E-4	-3.14E-7	-2.28E-5
	CC11	-0.0625	0.1599	-0.2472	7.44E-4	1.23E-4	-1.98E-5
	CC12	-0.0516	0.1547	-0.2417	7.01E-4	1.14E-4	-2.38E-6
	CC13	0.0493	-0.1624	-0.2051	-5.60E-4	-1.53E-4	1.15E-5
	CC14	0.0601	-0.1677	-0.1996	-6.03E-4	-1.62E-4	2.90E-5
	CC15	-0.0992	-0.1709	-0.2587	-4.01E-4	-3.95E-5	3.20E-5
	CC16	-0.0883	-0.1761	-0.2532	-4.44E-4	-4.84E-5	4.94E-5
28	CC1	0.2343	0.0590	-0.1332	3.81E-4	-1.12E-3	1.32E-4
	CC2	0.2418	0.0573	-0.1208	3.43E-4	-1.16E-3	1.47E-4
	CC3	0.2171	-0.0440	0.0598	-6.29E-4	-1.11E-3	2.22E-5
	CC4	0.2246	-0.0457	0.0723	-6.67E-4	-1.15E-3	3.71E-5
	CC5	-0.2148	0.0382	-0.6379	1.14E-3	1.36E-3	-2.81E-5
	CC6	-0.2073	0.0365	-0.6255	1.10E-3	1.31E-3	-1.32E-5
	CC7	-0.2320	-0.0648	-0.4449	1.28E-4	1.37E-3	-1.38E-4
	CC8	-0.2245	-0.0665	-0.4325	9.02E-5	1.32E-3	-1.23E-4
	CC9	0.0916	0.1731	-0.5443	1.85E-3	-2.31E-4	1.92E-4
	CC10	0.1102	0.1689	-0.5134	1.76E-3	-3.35E-4	2.29E-4
	CC11	-0.0431	0.1668	-0.6957	2.08E-3	5.11E-4	1.44E-4
	CC12	-0.0246	0.1627	-0.6648	1.99E-3	4.07E-4	1.81E-4
	CC13	0.0344	-0.1701	0.0991	-1.51E-3	-1.99E-4	-1.72E-4
	CC14	0.0529	-0.1743	0.1300	-1.61E-3	-3.03E-4	-1.35E-4
	CC15	-0.1004	-0.1764	-0.0523	-1.29E-3	5.42E-4	-2.20E-4
	CC16	-0.0818	-0.1806	-0.0214	-1.38E-3	4.38E-4	-1.83E-4
29	CC1	0.2212	0.0583	-0.2624	-3.21E-4	-3.22E-4	-1.55E-4
	CC2	0.2140	0.0540	-0.2649	-3.39E-4	-3.18E-4	-1.44E-4
	CC3	0.2395	-0.0426	-0.3386	-7.64E-4	-3.61E-4	-1.82E-4
	CC4	0.2322	-0.0469	-0.3411	-7.82E-4	-3.57E-4	-1.70E-4
	CC5	-0.2359	0.0503	-0.1961	-1.81E-4	2.88E-4	1.67E-4
	CC6	-0.2432	0.0460	-0.1986	-1.99E-4	2.92E-4	1.78E-4

	CC7	-0.2177	-0.0506	-0.2723	-6.25E-4	2.49E-4	1.40E-4
	CC8	-0.2250	-0.0549	-0.2748	-6.43E-4	2.53E-4	1.52E-4
	CC9	0.0453	0.1765	-0.1484	2.59E-4	-6.61E-5	-1.96E-5
	CC10	0.0273	0.1657	-0.1547	2.15E-4	-5.70E-5	8.21E-6
	CC11	-0.0918	0.1741	-0.1285	3.01E-4	1.17E-4	7.69E-5
	CC12	-0.1098	0.1633	-0.1347	2.57E-4	1.26E-4	1.05E-4
	CC13	0.1061	-0.1599	-0.4024	-1.22E-3	-1.95E-4	-1.08E-4
	CC14	0.0881	-0.1707	-0.4087	-1.26E-3	-1.86E-4	-8.03E-5
	CC15	-0.0311	-0.1623	-0.3825	-1.18E-3	-1.23E-5	-1.15E-5
	CC16	-0.0491	-0.1731	-0.3888	-1.22E-3	-3.23E-6	1.63E-5
30	CC1	0.2048	0.0580	-0.2271	1.30E-4	-2.99E-4	1.50E-4
	CC2	0.2059	0.0536	-0.2285	1.21E-4	-3.03E-4	1.57E-4
	CC3	0.2036	-0.0445	-0.2789	-2.87E-5	-3.20E-4	1.27E-4
	CC4	0.2046	-0.0489	-0.2804	-3.78E-5	-3.25E-4	1.35E-4
	CC5	-0.2071	0.0497	-0.1605	3.71E-4	2.60E-4	-1.42E-4
	CC6	-0.2060	0.0453	-0.1620	3.62E-4	2.55E-4	-1.34E-4
	CC7	-0.2083	-0.0528	-0.2124	2.13E-4	2.39E-4	-1.65E-4
	CC8	-0.2072	-0.0572	-0.2139	2.04E-4	2.34E-4	-1.57E-4
	CC9	0.0613	0.1778	-0.1422	4.06E-4	-7.57E-5	6.90E-5
	CC10	0.0639	0.1669	-0.1458	3.83E-4	-8.65E-5	8.75E-5
	CC11	-0.0623	0.1754	-0.1222	4.78E-4	9.20E-5	-1.85E-5
	CC12	-0.0596	0.1644	-0.1259	4.56E-4	8.12E-5	-2.12E-8
	CC13	0.0572	-0.1636	-0.3150	-1.22E-4	-1.46E-4	-7.36E-6
	CC14	0.0598	-0.1746	-0.3187	-1.45E-4	-1.57E-4	1.11E-5
	CC15	-0.0664	-0.1661	-0.2951	-4.95E-5	2.18E-5	-9.49E-5
	CC16	-0.0637	-0.1770	-0.2987	-7.21E-5	1.10E-5	-7.64E-5
31	CC1	0.2465	0.0578	-0.1706	1.22E-4	-2.79E-4	1.44E-5
	CC2	0.2507	0.0534	-0.1691	1.05E-4	-2.86E-4	2.24E-5
	CC3	0.2361	-0.0451	-0.1650	-2.53E-4	-2.91E-4	-1.65E-6
	CC4	0.2403	-0.0495	-0.1635	-2.69E-4	-2.98E-4	6.31E-6
	CC5	-0.2428	0.0497	-0.3044	2.31E-4	2.04E-4	-5.78E-6
	CC6	-0.2386	0.0453	-0.3028	2.14E-4	1.97E-4	2.18E-6
	CC7	-0.2531	-0.0532	-0.2988	-1.43E-4	1.92E-4	-2.18E-5
	CC8	-0.2489	-0.0576	-0.2972	-1.60E-4	1.85E-4	-1.39E-5
	CC9	0.0841	0.1784	-0.2251	6.09E-4	-8.99E-5	2.02E-5
	CC10	0.0946	0.1674	-0.2212	5.68E-4	-1.07E-4	3.99E-5
	CC11	-0.0626	0.1759	-0.2652	6.41E-4	5.50E-5	1.41E-5
	CC12	-0.0522	0.1649	-0.2614	6.00E-4	3.78E-5	3.39E-5
	CC13	0.0498	-0.1647	-0.2065	-6.39E-4	-1.31E-4	-3.34E-5
	CC14	0.0602	-0.1757	-0.2026	-6.80E-4	-1.49E-4	-1.36E-5
	CC15	-0.0970	-0.1671	-0.2466	-6.06E-4	1.34E-5	-3.94E-5
	CC16	-0.0866	-0.1781	-0.2427	-6.47E-4	-3.86E-6	-1.96E-5
32	CC1	0.2330	0.0572	-0.3944	5.68E-4	-3.18E-4	4.17E-5
	CC2	0.2407	0.0528	-0.3867	5.38E-4	-3.23E-4	5.11E-5
	CC3	0.2169	-0.0454	-0.2305	-1.58E-4	-3.31E-4	3.79E-5
	CC4	0.2246	-0.0498	-0.2228	-1.88E-4	-3.36E-4	4.72E-5
	CC5	-0.2169	0.0496	-0.2699	4.37E-4	3.86E-4	-4.08E-5
	CC6	-0.2093	0.0451	-0.2623	4.07E-4	3.81E-4	-3.14E-5
	CC7	-0.2330	-0.0530	-0.1060	-2.89E-4	3.73E-4	-4.46E-5
	CC8	-0.2253	-0.0575	-0.0984	-3.19E-4	3.68E-4	-5.53E-5
	CC9	0.0886	0.1775	-0.5477	1.39E-3	-5.25E-5	1.04E-5
	CC10	0.1076	0.1665	-0.5287	1.32E-3	-6.45E-5	3.36E-5
	CC11	-0.0464	0.1752	-0.5104	1.35E-3	1.59E-4	-1.44E-5
	CC12	-0.0273	0.1642	-0.4914	1.28E-3	1.47E-4	8.88E-6
	CC13	0.0350	-0.1645	-0.0013	-1.03E-3	-9.65E-5	-2.42E-6
	CC14	0.0541	-0.1755	0.0176	-1.10E-3	-1.09E-4	2.08E-5
	CC15	-0.1000	-0.1668	0.0360	-1.07E-3	1.15E-4	-2.72E-5
	CC16	-0.0809	-0.1778	0.0549	-1.14E-3	1.03E-4	-3.93E-6
33	CC1	0.2186	0.0464	-0.3260	-5.13E-4	-3.52E-4	-1.38E-4
	CC2	0.2114	0.0405	-0.3285	-5.34E-4	-3.49E-4	-1.27E-4
	CC3	0.2357	-0.0432	-0.4028	-9.36E-4	-3.92E-4	-1.83E-4
	CC4	0.2284	-0.0491	-0.4053	-9.57E-4	-3.88E-4	-1.73E-4
	CC5	-0.2328	0.0537	-0.1396	-4.92E-5	4.40E-4	1.78E-4
	CC6	-0.2401	0.0478	-0.1420	-7.02E-5	4.44E-4	1.88E-4
	CC7	-0.2157	-0.0360	-0.2163	-4.71E-4	4.01E-4	1.32E-4
	CC8	-0.2230	-0.0419	-0.2188	-4.92E-4	4.04E-4	1.43E-4
	CC9	0.0461	0.1579	-0.1694	1.57E-4	-3.18E-5	1.85E-5
	CC10	0.0280	0.1432	-0.1755	1.05E-4	-2.27E-5	4.42E-5
	CC11	-0.0894	0.1601	-0.1134	2.97E-4	2.06E-4	1.13E-4
	CC12	-0.1074	0.1454	-0.1195	2.44E-4	2.15E-4	1.39E-4
	CC13	0.1031	-0.1409	-0.4253	-1.25E-3	-1.63E-4	-1.34E-4
	CC14	0.0850	-0.1555	-0.4314	-1.30E-3	-1.54E-4	-1.08E-4

	CC15	-0.0324	-0.1387	-0.3693	-1.11E-3	7.47E-5	-3.90E-5
	CC16	-0.0504	-0.1533	-0.3755	-1.16E-3	8.38E-5	-1.34E-5
34	CC1	0.2013	0.0461	-0.2602	3.25E-4	-4.15E-4	1.39E-4
	CC2	0.2023	0.0400	-0.2635	3.24E-4	-4.21E-4	1.47E-4
	CC3	0.2002	-0.0465	-0.3113	2.72E-4	-4.08E-4	1.19E-4
	CC4	0.2012	-0.0527	-0.3147	2.71E-4	-4.14E-4	1.27E-4
	CC5	-0.2037	0.0549	-0.1321	1.21E-4	4.42E-4	-1.30E-4
	CC6	-0.2027	0.0488	-0.1355	1.20E-4	4.37E-4	-1.22E-4
	CC7	-0.2048	-0.0377	-0.1832	6.81E-5	4.49E-4	-1.50E-4
	CC8	-0.2038	-0.0439	-0.1866	6.76E-5	4.44E-4	-1.42E-4
	CC9	0.0600	0.1619	-0.1532	3.15E-4	-1.20E-4	6.18E-5
	CC10	0.0625	0.1466	-0.1616	3.14E-4	-1.33E-4	8.13E-5
	CC11	-0.0615	0.1645	-0.1148	2.54E-4	1.38E-4	-1.90E-5
	CC12	-0.0590	0.1492	-0.1231	2.53E-4	1.25E-4	5.61E-7
	CC13	0.0565	-0.1470	-0.3236	1.39E-4	-9.59E-5	-3.67E-6
	CC14	0.0590	-0.1623	-0.3320	1.38E-4	-1.09E-4	1.59E-5
	CC15	-0.0650	-0.1443	-0.2852	7.83E-5	1.61E-4	-8.44E-5
	CC16	-0.0625	-0.1596	-0.2935	7.70E-5	1.48E-4	-6.49E-5
35	CC1	0.2449	0.0549	-0.2938	2.18E-4	-8.64E-4	2.77E-5
	CC2	0.2490	0.0491	-0.2952	1.92E-4	-8.82E-4	3.78E-5
	CC3	0.2350	-0.0422	-0.3061	-2.36E-4	-8.68E-4	-3.79E-6
	CC4	0.2391	-0.0480	-0.3075	-2.61E-4	-8.85E-4	6.24E-6
	CC5	-0.2415	0.0499	-0.1827	1.99E-4	9.18E-4	-2.26E-6
	CC6	-0.2374	0.0441	-0.1841	1.74E-4	9.00E-4	7.76E-6
	CC7	-0.2514	-0.0472	-0.1950	-2.54E-4	9.14E-4	-3.38E-5
	CC8	-0.2473	-0.0530	-0.1964	-2.80E-4	8.97E-4	-2.38E-5
	CC9	0.0832	0.1707	-0.2395	7.59E-4	-2.23E-4	4.66E-5
	CC10	0.0933	0.1563	-0.2430	6.96E-4	-2.67E-4	7.15E-5
	CC11	-0.0627	0.1692	-0.2062	7.53E-4	3.11E-4	3.76E-5
	CC12	-0.0526	0.1548	-0.2096	6.90E-4	2.68E-4	6.25E-5
	CC13	0.0502	-0.1529	-0.2806	-7.53E-4	-2.35E-4	-5.85E-5
	CC14	0.0603	-0.1673	-0.2840	-8.16E-4	-2.79E-4	-3.36E-5
	CC15	-0.0957	-0.1544	-0.2472	-7.58E-4	2.99E-4	-6.75E-5
	CC16	-0.0856	-0.1687	-0.2507	-8.21E-4	2.56E-4	-4.26E-5
36	CC1	0.2301	0.0569	-0.3849	4.00E-4	-4.72E-4	3.57E-5
	CC2	0.2379	0.0507	-0.3764	3.55E-4	-4.79E-4	4.71E-5
	CC3	0.2152	-0.0401	-0.2178	-3.47E-4	-4.39E-4	4.40E-5
	CC4	0.2230	-0.0463	-0.2094	-3.92E-4	-4.45E-4	5.54E-5
	CC5	-0.2172	0.0472	-0.2695	5.26E-4	4.75E-4	-5.04E-5
	CC6	-0.2095	0.0410	-0.2610	4.82E-4	4.69E-4	-3.90E-5
	CC7	-0.2322	-0.0498	-0.1025	-2.20E-4	5.09E-4	-4.21E-5
	CC8	-0.2244	-0.0561	-0.0940	-2.65E-4	5.02E-4	-3.07E-5
	CC9	0.0852	0.1714	-0.5456	1.35E-3	-1.75E-4	-1.26E-5
	CC10	0.1045	0.1560	-0.5246	1.24E-3	-1.91E-4	1.58E-5
	CC11	-0.0490	0.1684	-0.5110	1.39E-3	1.09E-4	-3.85E-5
	CC12	-0.0297	0.1530	-0.4900	1.28E-3	9.32E-5	-1.00E-5
	CC13	0.0354	-0.1521	0.0111	-1.14E-3	-6.32E-5	1.50E-5
	CC14	0.0547	-0.1675	0.0321	-1.25E-3	-7.91E-5	4.35E-5
	CC15	-0.0988	-0.1551	0.0457	-1.10E-3	2.21E-4	-1.08E-5
	CC16	-0.0795	-0.1705	0.0667	-1.21E-3	2.05E-4	1.76E-5
37	CC1	0.2392	0.0559	-0.3989	8.69E-5	-5.06E-4	-1.15E-4
	CC2	0.2432	0.0467	-0.4027	5.19E-5	-5.10E-4	-1.00E-4
	CC3	0.2302	-0.0512	-0.4070	-4.44E-4	-4.26E-4	-4.25E-5
	CC4	0.2342	-0.0604	-0.4109	-4.79E-4	-4.30E-4	-2.74E-5
	CC5	-0.2371	0.0630	-0.0611	2.63E-4	3.79E-4	2.88E-5
	CC6	-0.2330	0.0538	-0.0650	2.28E-4	3.75E-4	4.39E-5
	CC7	-0.2460	-0.0441	-0.0693	-2.68E-4	4.59E-4	1.02E-4
	CC8	-0.2420	-0.0533	-0.0731	-3.03E-4	4.55E-4	1.17E-4
	CC9	0.0800	0.1901	-0.2684	7.93E-4	-2.87E-4	-1.61E-4
	CC10	0.0899	0.1673	-0.2778	7.07E-4	-2.97E-4	-1.24E-4
	CC11	-0.0629	0.1923	-0.1670	8.46E-4	-2.15E-5	-1.18E-4
	CC12	-0.0529	0.1695	-0.1765	7.59E-4	-3.19E-5	-8.03E-5
	CC13	0.0501	-0.1669	-0.2955	-9.75E-4	-1.95E-5	8.17E-5
	CC14	0.0601	-0.1897	-0.3050	-1.06E-3	-2.99E-5	1.19E-4
	CC15	-0.0928	-0.1647	-0.1942	-9.22E-4	2.46E-4	1.25E-4
	CC16	-0.0828	-0.1875	-0.2036	-1.01E-3	2.36E-4	1.62E-4
38	CC1	0.2270	0.0562	-0.4955	5.57E-4	-7.32E-4	2.02E-5
	CC2	0.2348	0.0471	-0.4884	5.16E-4	-7.43E-4	3.65E-5
	CC3	0.2130	-0.0508	-0.3183	-1.18E-4	-6.48E-4	7.09E-5
	CC4	0.2208	-0.0599	-0.3112	-1.58E-4	-6.60E-4	8.72E-5
	CC5	-0.2163	0.0624	-0.1634	3.94E-4	5.77E-4	-8.64E-5
	CC6	-0.2085	0.0532	-0.1563	3.53E-4	5.66E-4	-7.01E-5

	CC7	-0.2303	-0.0446	0.0138	-2.80E-4	6.60E-4	-3.58E-5
	CC8	-0.2225	-0.0538	0.0209	-3.21E-4	6.49E-4	-1.95E-5
	CC9	0.0825	0.1900	-0.5914	1.32E-3	-3.63E-4	-8.83E-5
	CC10	0.1018	0.1673	-0.5736	1.22E-3	-3.91E-4	-4.78E-5
	CC11	-0.0505	0.1919	-0.4918	1.27E-3	2.92E-5	-1.20E-4
	CC12	-0.0312	0.1691	-0.4740	1.17E-3	1.50E-6	-7.98E-5
	CC13	0.0357	-0.1667	-0.0006	-9.31E-4	-8.44E-5	8.06E-5
	CC14	0.0550	-0.1894	0.0171	-1.03E-3	-1.12E-4	1.21E-4
	CC15	-0.0973	-0.1648	0.0990	-9.80E-4	3.08E-4	4.86E-5
	CC16	-0.0780	-0.1876	0.1168	-1.08E-3	2.81E-4	8.91E-5
39	CC1	0.2160	0.0645	-0.5119	-8.15E-4	-9.32E-4	-4.05E-4
	CC2	0.2087	0.0526	-0.5159	-8.43E-4	-9.28E-4	-3.73E-4
	CC3	0.2318	-0.0521	-0.6418	-1.34E-3	-1.13E-3	-2.96E-4
	CC4	0.2245	-0.0639	-0.6458	-1.36E-3	-1.13E-3	-2.64E-4
	CC5	-0.2303	0.0705	0.0581	3.26E-4	7.54E-4	2.60E-4
	CC6	-0.2376	0.0586	0.0540	2.99E-4	7.58E-4	2.92E-4
	CC7	-0.2144	-0.0461	-0.0718	-1.94E-4	5.56E-4	3.69E-4
	CC8	-0.2217	-0.0580	-0.0758	-2.22E-4	5.60E-4	4.01E-4
	CC9	0.0468	0.2114	-0.1579	2.12E-4	-1.14E-4	-3.22E-4
	CC10	0.0286	0.1819	-0.1679	1.43E-4	-1.04E-4	-2.43E-4
	CC11	-0.0871	0.2132	0.0131	5.55E-4	3.92E-4	-1.23E-4
	CC12	-0.1052	0.1837	0.0031	4.86E-4	4.02E-4	-4.38E-5
	CC13	0.0995	-0.1772	-0.5908	-1.52E-3	-7.74E-4	4.01E-5
	CC14	0.0814	-0.2067	-0.6008	-1.59E-3	-7.64E-4	1.19E-4
	CC15	-0.0344	-0.1754	-0.4198	-1.18E-3	-2.68E-4	2.40E-4
	CC16	-0.0525	-0.2049	-0.4298	-1.25E-3	-2.58E-4	3.19E-4
40	CC1	0.1979	0.0616	-0.4240	4.90E-4	-8.84E-4	1.72E-4
	CC2	0.1989	0.0496	-0.4309	4.86E-4	-8.94E-4	1.88E-4
	CC3	0.1965	-0.0565	-0.4855	3.19E-4	-9.41E-4	2.23E-4
	CC4	0.1975	-0.0685	-0.4923	3.15E-4	-9.52E-4	2.38E-4
	CC5	-0.2008	0.0724	0.0198	7.56E-8	6.94E-4	-2.44E-4
	CC6	-0.1998	0.0605	0.0129	-4.37E-6	6.84E-4	-2.28E-4
	CC7	-0.2022	-0.0457	-0.0417	-1.71E-4	6.37E-4	-1.93E-4
	CC8	-0.2012	-0.0577	-0.0485	-1.75E-4	6.26E-4	-1.78E-4
	CC9	0.0593	0.2121	-0.1920	5.21E-4	-2.56E-4	-4.35E-5
	CC10	0.0617	0.1824	-0.2090	5.10E-4	-2.83E-4	-5.26E-6
	CC11	-0.0603	0.2153	-0.0588	3.74E-4	2.17E-4	-1.68E-4
	CC12	-0.0579	0.1856	-0.0758	3.63E-4	1.91E-4	-1.30E-4
	CC13	0.0546	-0.1816	-0.3967	-4.80E-5	-4.48E-4	1.25E-4
	CC14	0.0570	-0.2114	-0.4138	-5.91E-5	-4.75E-4	1.63E-4
	CC15	-0.0651	-0.1784	-0.2636	-1.95E-4	2.49E-5	-1.01E-7
	CC16	-0.0626	-0.2081	-0.2806	-2.06E-4	-1.59E-6	3.81E-5
41	CC1	0.2380	0.0613	-0.5054	2.20E-4	-9.05E-4	5.61E-6
	CC2	0.2420	0.0493	-0.5100	1.97E-4	-9.15E-4	2.03E-5
	CC3	0.2295	-0.0575	-0.4946	-2.13E-4	-8.06E-4	2.20E-5
	CC4	0.2335	-0.0696	-0.4993	-2.36E-4	-8.15E-4	3.67E-5
	CC5	-0.2366	0.0729	0.0146	1.32E-4	7.15E-4	-3.39E-5
	CC6	-0.2326	0.0609	0.0099	1.09E-4	7.05E-4	-1.92E-5
	CC7	-0.2451	-0.0459	0.0253	-3.02E-4	8.15E-4	-1.75E-5
	CC8	-0.2410	-0.0580	0.0207	-3.24E-4	8.05E-4	-2.78E-6
	CC9	0.0788	0.2130	-0.3324	7.12E-4	-4.47E-4	-3.83E-5
	CC10	0.0888	0.1830	-0.3440	6.56E-4	-4.72E-4	-1.73E-6
	CC11	-0.0636	0.2165	-0.1764	6.86E-4	3.86E-5	-5.02E-5
	CC12	-0.0536	0.1865	-0.1880	6.29E-4	1.45E-5	-1.36E-5
	CC13	0.0505	-0.1832	-0.2967	-7.33E-4	-1.15E-4	1.64E-5
	CC14	0.0605	-0.2131	-0.3083	-7.90E-4	-1.39E-4	5.30E-5
	CC15	-0.0919	-0.1797	-0.1407	-7.60E-4	3.71E-4	4.56E-6
	CC16	-0.0819	-0.2096	-0.1523	-8.16E-4	3.47E-4	4.11E-5
42	CC1	0.2269	0.0602	-0.6343	6.70E-4	-1.10E-3	2.55E-5
	CC2	0.2347	0.0481	-0.6299	6.26E-4	-1.12E-3	4.64E-5
	CC3	0.2130	-0.0589	-0.4417	-7.60E-5	-9.91E-4	7.64E-5
	CC4	0.2209	-0.0710	-0.4373	-1.19E-4	-1.02E-3	9.74E-5
	CC5	-0.2169	0.0739	-0.0553	3.26E-4	8.98E-4	-9.09E-5
	CC6	-0.2090	0.0617	-0.0509	2.83E-4	8.73E-4	-6.99E-5
	CC7	-0.2307	-0.0452	0.1373	-4.20E-4	1.01E-3	-3.99E-5
	CC8	-0.2229	-0.0573	0.1417	-4.63E-4	9.81E-4	-1.90E-5
	CC9	0.0819	0.2129	-0.6596	1.45E-3	-5.08E-4	-9.02E-5
	CC10	0.1013	0.1828	-0.6487	1.34E-3	-5.71E-4	-3.82E-5
	CC11	-0.0512	0.2170	-0.4859	1.35E-3	9.11E-5	-1.25E-4
	CC12	-0.0318	0.1869	-0.4750	1.24E-3	2.85E-5	-7.31E-5
	CC13	0.0358	-0.1840	-0.0175	-1.03E-3	-1.47E-4	7.96E-5
	CC14	0.0552	-0.2141	-0.0067	-1.14E-3	-2.10E-4	1.32E-4

	CC15	-0.0973	-0.1799	0.1562	-1.14E-3	4.52E-4	4.47E-5
	CC16	-0.0779	-0.2100	0.1670	-1.24E-3	3.89E-4	9.67E-5
43	CC1	0.6750	0.5500	0.1086	1.38E-3	-1.52E-3	4.57E-5
	CC2	0.6547	0.6362	0.1161	1.58E-3	-1.47E-3	8.16E-5
	CC3	0.7389	-0.5393	-0.0744	-1.25E-3	-1.66E-3	-4.02E-5
	CC4	0.7186	-0.4530	-0.0669	-1.06E-3	-1.62E-3	-4.26E-6
	CC5	-0.7368	0.4280	-0.4507	1.33E-3	1.47E-3	9.89E-6
	CC6	-0.7571	0.5142	-0.4432	1.53E-3	1.52E-3	4.58E-5
	CC7	-0.6729	-0.6613	-0.6337	-1.31E-3	1.33E-3	-7.60E-5
	CC8	-0.6932	-0.5750	-0.6262	-1.11E-3	1.38E-3	-4.01E-5
	CC9	0.1213	1.7141	0.1208	4.29E-3	-3.35E-4	1.07E-4
	CC10	0.0709	1.9282	0.1394	4.78E-3	-2.23E-4	1.96E-4
	CC11	-0.3022	1.6775	-0.0470	4.27E-3	5.63E-4	9.60E-5
	CC12	-0.3527	1.8916	-0.0284	4.76E-3	6.74E-4	1.85E-4
	CC13	0.3345	-1.9167	-0.4892	-4.49E-3	-8.15E-4	-1.80E-4
	CC14	0.2840	-1.7025	-0.4706	-4.00E-3	-7.03E-4	-9.03E-5
	CC15	-0.0890	-1.9533	-0.6570	-4.51E-3	8.22E-5	-1.90E-4
	CC16	-0.1395	-1.7391	-0.6384	-4.02E-3	1.94E-4	-1.01E-4
44	CC1	0.7018	0.5519	0.0543	7.36E-4	-1.60E-3	4.41E-5
	CC2	0.7046	0.6382	0.0582	8.60E-4	-1.61E-3	8.00E-5
	CC3	0.7104	-0.5373	0.0305	-9.85E-4	-1.63E-3	-4.17E-5
	CC4	0.7132	-0.4511	0.0343	-8.60E-4	-1.63E-3	-5.81E-6
	CC5	-0.7331	0.4299	-0.4554	6.79E-4	1.50E-3	8.34E-6
	CC6	-0.7302	0.5162	-0.4516	8.03E-4	1.50E-3	4.42E-5
	CC7	-0.7245	-0.6593	-0.4793	-1.04E-3	1.48E-3	-7.75E-5
	CC8	-0.7217	-0.5731	-0.4755	-9.17E-4	1.47E-3	-4.16E-5
	CC9	0.1875	1.7160	-0.0991	2.63E-3	-4.86E-4	1.05E-4
	CC10	0.1945	1.9302	-0.0896	2.94E-3	-4.99E-4	1.94E-4
	CC11	-0.2430	1.6795	-0.2520	2.61E-3	4.45E-4	9.44E-5
	CC12	-0.2360	1.8936	-0.2425	2.92E-3	4.33E-4	1.84E-4
	CC13	0.2161	-1.9147	-0.1786	-3.10E-3	-5.64E-4	-1.81E-4
	CC14	0.2231	-1.7006	-0.1691	-2.79E-3	-5.76E-4	-9.19E-5
	CC15	-0.2143	-1.9513	-0.3316	-3.12E-3	3.68E-4	-1.92E-4
	CC16	-0.2073	-1.7372	-0.3220	-2.81E-3	3.56E-4	-1.03E-4
45	CC1	0.7155	0.5522	-0.0735	1.05E-3	-1.51E-3	4.49E-5
	CC2	0.7287	0.6385	-0.0939	1.23E-3	-1.53E-3	8.08E-5
	CC3	0.6994	-0.5370	0.2622	-1.32E-3	-1.51E-3	-4.10E-5
	CC4	0.7125	-0.4508	0.2418	-1.14E-3	-1.53E-3	-5.09E-6
	CC5	-0.7297	0.4302	-0.6741	1.15E-3	1.44E-3	9.06E-6
	CC6	-0.7165	0.5165	-0.6944	1.33E-3	1.42E-3	4.50E-5
	CC7	-0.7458	-0.6590	-0.3384	-1.22E-3	1.44E-3	-7.68E-5
	CC8	-0.7327	-0.5728	-0.3587	-1.04E-3	1.42E-3	-4.09E-5
	CC9	0.2188	1.7163	-0.6602	3.72E-3	-4.62E-4	1.06E-4
	CC10	0.2515	1.9305	-0.7108	4.16E-3	-5.22E-4	1.95E-4
	CC11	-0.2147	1.6798	-0.8404	3.75E-3	4.23E-4	9.51E-5
	CC12	-0.1820	1.8939	-0.8910	4.19E-3	3.63E-4	1.84E-4
	CC13	0.1649	-1.9144	0.4587	-4.18E-3	-4.56E-4	-1.80E-4
	CC14	0.1976	-1.7003	0.4082	-3.74E-3	-5.16E-4	-9.12E-5
	CC15	-0.2686	-1.9510	0.2786	-4.15E-3	4.29E-4	-1.91E-4
	CC16	-0.2359	-1.7369	0.2280	-3.71E-3	3.69E-4	-1.02E-4
46	CC1	0.6764	0.5300	-0.1058	1.97E-3	-1.14E-3	4.41E-5
	CC2	0.6561	0.6007	-0.1018	2.22E-3	-1.11E-3	8.00E-5
	CC3	0.7403	-0.5220	-0.1956	-1.83E-3	-1.21E-3	-4.18E-5
	CC4	0.7200	-0.4513	-0.1916	-1.58E-3	-1.18E-3	-5.86E-6
	CC5	-0.7354	0.4236	-0.2979	1.87E-3	1.26E-3	8.29E-6
	CC6	-0.7557	0.4942	-0.2939	2.12E-3	1.29E-3	4.42E-5
	CC7	-0.6715	-0.6284	-0.3877	-1.93E-3	1.19E-3	-7.76E-5
	CC8	-0.6918	-0.5578	-0.3837	-1.68E-3	1.22E-3	-4.17E-5
	CC9	0.1227	1.6677	-0.0712	6.18E-3	-2.42E-4	1.05E-4
	CC10	0.0722	1.8432	-0.0612	6.80E-3	-1.62E-4	1.94E-4
	CC11	-0.3008	1.6358	-0.1288	6.15E-3	4.78E-4	9.44E-5
	CC12	-0.3513	1.8112	-0.1189	6.77E-3	5.58E-4	1.84E-4
	CC13	0.3359	-1.8390	-0.3706	-6.49E-3	-4.73E-4	-1.81E-4
	CC14	0.2854	-1.6635	-0.3606	-5.87E-3	-3.94E-4	-9.19E-5
	CC15	-0.0877	-1.8709	-0.4282	-6.52E-3	2.47E-4	-1.92E-4
	CC16	-0.1381	-1.6955	-0.4183	-5.90E-3	3.27E-4	-1.03E-4
47	CC1	0.7030	0.5333	-0.1033	1.62E-3	-1.17E-3	4.36E-5
	CC2	0.7059	0.6039	-0.1013	1.84E-3	-1.17E-3	7.95E-5
	CC3	0.7116	-0.5188	-0.1242	-1.87E-3	-1.19E-3	-4.23E-5
	CC4	0.7145	-0.4481	-0.1222	-1.64E-3	-1.19E-3	-6.39E-6
	CC5	-0.7318	0.4268	-0.2674	1.43E-3	1.28E-3	7.76E-6
	CC6	-0.7290	0.4975	-0.2654	1.65E-3	1.28E-3	4.37E-5

	CC7	-0.7232	-0.6252	-0.2883	-2.06E-3	1.26E-3	-7.81E-5
	CC8	-0.7204	-0.5546	-0.2863	-1.83E-3	1.26E-3	-4.22E-5
	CC9	0.1887	1.6710	-0.1378	5.45E-3	-2.80E-4	1.05E-4
	CC10	0.1957	1.8464	-0.1329	6.01E-3	-2.90E-4	1.94E-4
	CC11	-0.2417	1.6390	-0.1870	5.39E-3	4.56E-4	9.38E-5
	CC12	-0.2347	1.8145	-0.1821	5.96E-3	4.45E-4	1.83E-4
	CC13	0.2174	-1.8358	-0.2075	-6.17E-3	-3.54E-4	-1.82E-4
	CC14	0.2244	-1.6603	-0.2025	-5.60E-3	-3.64E-4	-9.25E-5
	CC15	-0.2131	-1.8677	-0.2567	-6.23E-3	3.81E-4	-1.92E-4
	CC16	-0.2061	-1.6923	-0.2517	-5.66E-3	3.71E-4	-1.03E-4
48	CC1	0.7166	0.5338	-0.1822	1.71E-3	-1.11E-3	4.40E-5
	CC2	0.7298	0.6044	-0.1924	1.94E-3	-1.13E-3	7.99E-5
	CC3	0.7004	-0.5182	-0.0076	-1.84E-3	-1.19E-3	-4.18E-5
	CC4	0.7136	-0.4476	-0.0178	-1.61E-3	-1.20E-3	-5.94E-6
	CC5	-0.7286	0.4273	-0.3927	1.52E-3	1.27E-3	8.21E-6
	CC6	-0.7154	0.4980	-0.4029	1.75E-3	1.25E-3	4.41E-5
	CC7	-0.7448	-0.6247	-0.2181	-2.03E-3	1.20E-3	-7.77E-5
	CC8	-0.7316	-0.5540	-0.2283	-1.80E-3	1.18E-3	-4.18E-5
	CC9	0.2200	1.6715	-0.4521	5.61E-3	-1.89E-4	1.05E-4
	CC10	0.2527	1.8469	-0.4773	6.19E-3	-2.22E-4	1.94E-4
	CC11	-0.2136	1.6395	-0.5152	5.56E-3	5.26E-4	9.43E-5
	CC12	-0.1809	1.8150	-0.5405	6.13E-3	4.92E-4	1.83E-4
	CC13	0.1659	-1.8352	0.1300	-6.22E-3	-4.24E-4	-1.81E-4
	CC14	0.1986	-1.6598	0.1047	-5.65E-3	-4.58E-4	-9.20E-5
	CC15	-0.2677	-1.8672	0.0668	-6.28E-3	2.90E-4	-1.92E-4
	CC16	-0.2349	-1.6917	0.0416	-5.70E-3	2.57E-4	-1.03E-4
49	CC1	0.6771	0.5148	-0.1606	1.95E-3	-1.05E-3	4.01E-5
	CC2	0.6568	0.5725	-0.1566	2.15E-3	-1.01E-3	7.60E-5
	CC3	0.7411	-0.5061	-0.2462	-1.72E-3	-1.17E-3	-4.58E-5
	CC4	0.7208	-0.4484	-0.2423	-1.52E-3	-1.14E-3	-9.90E-6
	CC5	-0.7346	0.4214	-0.2456	1.80E-3	1.15E-3	4.25E-6
	CC6	-0.7550	0.4790	-0.2416	2.00E-3	1.18E-3	4.01E-5
	CC7	-0.6707	-0.5995	-0.3313	-1.87E-3	1.02E-3	-8.16E-5
	CC8	-0.6910	-0.5419	-0.3273	-1.67E-3	1.06E-3	-4.57E-5
	CC9	0.1235	1.6304	-0.0934	6.03E-3	-1.62E-4	1.01E-4
	CC10	0.0730	1.7735	-0.0835	6.54E-3	-7.91E-5	1.90E-4
	CC11	-0.3000	1.6024	-0.1189	5.98E-3	4.96E-4	9.03E-5
	CC12	-0.3505	1.7455	-0.1090	6.49E-3	5.79E-4	1.79E-4
	CC13	0.3366	-1.7726	-0.3789	-6.21E-3	-5.70E-4	-1.85E-4
	CC14	0.2862	-1.6295	-0.3690	-5.70E-3	-4.87E-4	-9.60E-5
	CC15	-0.0869	-1.8006	-0.4044	-6.26E-3	8.77E-5	-1.96E-4
	CC16	-0.1374	-1.6575	-0.3945	-5.75E-3	1.71E-4	-1.07E-4
50	CC1	0.7037	0.5180	-0.1484	1.56E-3	-1.11E-3	4.31E-5
	CC2	0.7066	0.5757	-0.1467	1.75E-3	-1.11E-3	7.90E-5
	CC3	0.7123	-0.5029	-0.1758	-1.79E-3	-1.14E-3	-4.27E-5
	CC4	0.7152	-0.4453	-0.1741	-1.60E-3	-1.14E-3	-6.83E-6
	CC5	-0.7311	0.4245	-0.2127	1.39E-3	1.15E-3	7.32E-6
	CC6	-0.7283	0.4822	-0.2110	1.58E-3	1.15E-3	4.32E-5
	CC7	-0.7225	-0.5964	-0.2401	-1.96E-3	1.12E-3	-7.85E-5
	CC8	-0.7197	-0.5387	-0.2384	-1.77E-3	1.11E-3	-4.26E-5
	CC9	0.1894	1.6336	-0.1402	5.27E-3	-2.72E-4	1.04E-4
	CC10	0.1964	1.7767	-0.1359	5.74E-3	-2.79E-4	1.93E-4
	CC11	-0.2410	1.6056	-0.1595	5.22E-3	4.05E-4	9.34E-5
	CC12	-0.2340	1.7487	-0.1552	5.69E-3	3.98E-4	1.83E-4
	CC13	0.2181	-1.7694	-0.2316	-5.90E-3	-3.90E-4	-1.82E-4
	CC14	0.2251	-1.6263	-0.2273	-5.43E-3	-3.97E-4	-9.29E-5
	CC15	-0.2124	-1.7974	-0.2509	-5.95E-3	2.87E-4	-1.93E-4
	CC16	-0.2054	-1.6543	-0.2466	-5.48E-3	2.80E-4	-1.04E-4
51	CC1	0.7172	0.5186	-0.2418	1.66E-3	-1.09E-3	4.36E-5
	CC2	0.7303	0.5762	-0.2503	1.85E-3	-1.11E-3	7.95E-5
	CC3	0.7010	-0.5024	-0.0779	-1.76E-3	-1.05E-3	-4.22E-5
	CC4	0.7142	-0.4447	-0.0863	-1.57E-3	-1.07E-3	-6.34E-6
	CC5	-0.7280	0.4251	-0.3226	1.48E-3	1.08E-3	7.81E-6
	CC6	-0.7149	0.4827	-0.3311	1.67E-3	1.07E-3	4.37E-5
	CC7	-0.7442	-0.5958	-0.1587	-1.93E-3	1.12E-3	-7.81E-5
	CC8	-0.7310	-0.5382	-0.1671	-1.74E-3	1.10E-3	-4.22E-5
	CC9	0.2205	1.6342	-0.4551	5.44E-3	-3.56E-4	1.05E-4
	CC10	0.2531	1.7773	-0.4761	5.92E-3	-4.02E-4	1.94E-4
	CC11	-0.2131	1.6061	-0.4793	5.39E-3	2.96E-4	9.39E-5
	CC12	-0.1804	1.7492	-0.5003	5.86E-3	2.50E-4	1.83E-4
	CC13	0.1666	-1.7689	0.0914	-5.95E-3	-2.36E-4	-1.82E-4
	CC14	0.1993	-1.6258	0.0704	-5.48E-3	-2.82E-4	-9.24E-5

	CC15	-0.2670	-1.7969	0.0671	-6.00E-3	4.16E-4	-1.92E-4
	CC16	-0.2343	-1.6538	0.0461	-5.53E-3	3.70E-4	-1.03E-4
52	CC1	0.6778	0.5012	-0.1649	1.34E-3	-1.03E-3	4.22E-5
	CC2	0.6575	0.5458	-0.1601	1.45E-3	-9.98E-4	7.81E-5
	CC3	0.7417	-0.4886	-0.2761	-1.13E-3	-1.14E-3	-4.37E-5
	CC4	0.7214	-0.4440	-0.2713	-1.02E-3	-1.10E-3	-7.80E-6
	CC5	-0.7340	0.4207	-0.2179	1.23E-3	1.12E-3	6.35E-6
	CC6	-0.7543	0.4653	-0.2130	1.34E-3	1.15E-3	4.23E-5
	CC7	-0.6701	-0.5691	-0.3290	-1.25E-3	1.01E-3	-7.95E-5
	CC8	-0.6904	-0.5245	-0.3242	-1.14E-3	1.05E-3	-4.36E-5
	CC9	0.1241	1.5947	-0.0573	4.11E-3	-1.76E-4	1.03E-4
	CC10	0.0736	1.7055	-0.0453	4.39E-3	-9.66E-5	1.92E-4
	CC11	-0.2994	1.5706	-0.0732	4.08E-3	4.69E-4	9.24E-5
	CC12	-0.3499	1.6813	-0.0612	4.35E-3	5.49E-4	1.82E-4
	CC13	0.3373	-1.7046	-0.4280	-4.15E-3	-5.32E-4	-1.83E-4
	CC14	0.2868	-1.5938	-0.4160	-3.87E-3	-4.52E-4	-9.39E-5
	CC15	-0.0862	-1.7287	-0.4438	-4.18E-3	1.13E-4	-1.94E-4
	CC16	-0.1367	-1.6180	-0.4318	-3.91E-3	1.93E-4	-1.05E-4
53	CC1	0.7043	0.5030	-0.1946	6.92E-4	-1.08E-3	4.24E-5
	CC2	0.7071	0.5476	-0.1924	7.60E-4	-1.09E-3	7.83E-5
	CC3	0.7129	-0.4868	-0.2427	-8.10E-4	-1.11E-3	-4.34E-5
	CC4	0.7157	-0.4422	-0.2405	-7.41E-4	-1.11E-3	-7.52E-6
	CC5	-0.7306	0.4225	-0.1572	5.96E-4	1.13E-3	6.63E-6
	CC6	-0.7278	0.4671	-0.1549	6.65E-4	1.13E-3	4.25E-5
	CC7	-0.7220	-0.5673	-0.2053	-9.05E-4	1.11E-3	-7.92E-5
	CC8	-0.7192	-0.5227	-0.2030	-8.37E-4	1.11E-3	-4.33E-5
	CC9	0.1900	1.5966	-0.1271	2.36E-3	-2.82E-4	1.03E-4
	CC10	0.1970	1.7073	-0.1215	2.53E-3	-2.91E-4	1.93E-4
	CC11	-0.2405	1.5724	-0.1158	2.33E-3	3.82E-4	9.27E-5
	CC12	-0.2335	1.6831	-0.1103	2.50E-3	3.74E-4	1.82E-4
	CC13	0.2186	-1.7028	-0.2874	-2.65E-3	-3.53E-4	-1.83E-4
	CC14	0.2256	-1.5920	-0.2818	-2.48E-3	-3.61E-4	-9.36E-5
	CC15	-0.2119	-1.7269	-0.2761	-2.67E-3	3.12E-4	-1.94E-4
	CC16	-0.2049	-1.6162	-0.2706	-2.50E-3	3.03E-4	-1.04E-4
54	CC1	0.7176	0.5033	-0.3235	1.07E-3	-1.04E-3	4.27E-5
	CC2	0.7308	0.5479	-0.3329	1.16E-3	-1.06E-3	7.86E-5
	CC3	0.7015	-0.4865	-0.1128	-1.06E-3	-1.04E-3	-4.32E-5
	CC4	0.7146	-0.4419	-0.1222	-9.60E-4	-1.06E-3	-7.30E-6
	CC5	-0.7276	0.4228	-0.2840	9.64E-4	1.07E-3	6.85E-6
	CC6	-0.7144	0.4674	-0.2934	1.06E-3	1.06E-3	4.28E-5
	CC7	-0.7437	-0.5670	-0.0734	-1.16E-3	1.08E-3	-7.90E-5
	CC8	-0.7306	-0.5224	-0.0828	-1.06E-3	1.06E-3	-4.31E-5
	CC9	0.2209	1.5968	-0.5484	3.44E-3	-2.95E-4	1.04E-4
	CC10	0.2536	1.7076	-0.5717	3.68E-3	-3.37E-4	1.93E-4
	CC11	-0.2126	1.5727	-0.5366	3.41E-3	3.41E-4	9.29E-5
	CC12	-0.1799	1.6834	-0.5599	3.65E-3	2.98E-4	1.82E-4
	CC13	0.1670	-1.7025	0.1537	-3.64E-3	-2.81E-4	-1.83E-4
	CC14	0.1997	-1.5918	0.1304	-3.40E-3	-3.23E-4	-9.34E-5
	CC15	-0.2665	-1.7267	0.1655	-3.67E-3	3.55E-4	-1.93E-4
	CC16	-0.2338	-1.6159	0.1422	-3.43E-3	3.13E-4	-1.04E-4
55	CC1	0.6784	0.4849	-0.1900	1.89E-3	-1.04E-3	4.35E-5
	CC2	0.6580	0.5165	-0.1871	2.00E-3	-1.01E-3	7.94E-5
	CC3	0.7423	-0.4738	-0.2679	-1.55E-3	-1.13E-3	-4.24E-5
	CC4	0.7220	-0.4422	-0.2650	-1.44E-3	-1.09E-3	-6.50E-6
	CC5	-0.7334	0.4174	-0.2215	1.73E-3	1.10E-3	7.66E-6
	CC6	-0.7538	0.4489	-0.2187	1.84E-3	1.14E-3	4.36E-5
	CC7	-0.6695	-0.5413	-0.2994	-1.71E-3	1.02E-3	-7.82E-5
	CC8	-0.6898	-0.5098	-0.2966	-1.60E-3	1.05E-3	-4.23E-5
	CC9	0.1247	1.5563	-0.1123	5.77E-3	-2.11E-4	1.04E-4
	CC10	0.0742	1.6347	-0.1052	6.05E-3	-1.33E-4	1.94E-4
	CC11	-0.2988	1.5361	-0.1217	5.72E-3	4.32E-4	9.37E-5
	CC12	-0.3493	1.6145	-0.1147	6.00E-3	5.10E-4	1.83E-4
	CC13	0.3379	-1.6393	-0.3719	-5.71E-3	-4.99E-4	-1.82E-4
	CC14	0.2874	-1.5609	-0.3648	-5.43E-3	-4.21E-4	-9.26E-5
	CC15	-0.0857	-1.6596	-0.3813	-5.76E-3	1.43E-4	-1.92E-4
	CC16	-0.1362	-1.5812	-0.3743	-5.48E-3	2.22E-4	-1.03E-4
56	CC1	0.7048	0.4881	-0.1929	1.48E-3	-1.09E-3	4.23E-5
	CC2	0.7076	0.5197	-0.1918	1.59E-3	-1.09E-3	7.82E-5
	CC3	0.7134	-0.4706	-0.2213	-1.65E-3	-1.10E-3	-4.35E-5
	CC4	0.7162	-0.4390	-0.2203	-1.55E-3	-1.10E-3	-7.64E-6
	CC5	-0.7301	0.4205	-0.1650	1.35E-3	1.13E-3	6.51E-6
	CC6	-0.7273	0.4521	-0.1640	1.45E-3	1.12E-3	4.24E-5

	CC7	-0.7215	-0.5382	-0.1935	-1.79E-3	1.12E-3	-7.94E-5
	CC8	-0.7187	-0.5066	-0.1924	-1.68E-3	1.11E-3	-4.35E-5
	CC9	0.1904	1.5595	-0.1506	5.02E-3	-3.01E-4	1.03E-4
	CC10	0.1975	1.6379	-0.1481	5.28E-3	-3.10E-4	1.92E-4
	CC11	-0.2400	1.5393	-0.1423	4.98E-3	3.64E-4	9.26E-5
	CC12	-0.2330	1.6176	-0.1397	5.24E-3	3.54E-4	1.82E-4
	CC13	0.2191	-1.6361	-0.2456	-5.44E-3	-3.32E-4	-1.83E-4
	CC14	0.2261	-1.5577	-0.2430	-5.18E-3	-3.41E-4	-9.37E-5
	CC15	-0.2114	-1.6564	-0.2372	-5.48E-3	3.33E-4	-1.94E-4
	CC16	-0.2044	-1.5780	-0.2347	-5.22E-3	3.23E-4	-1.04E-4
57	CC1	0.7180	0.4886	-0.2927	1.58E-3	-1.02E-3	4.25E-5
	CC2	0.7312	0.5202	-0.2981	1.68E-3	-1.03E-3	7.84E-5
	CC3	0.7019	-0.4701	-0.1457	-1.63E-3	-1.06E-3	-4.34E-5
	CC4	0.7150	-0.4385	-0.1511	-1.52E-3	-1.07E-3	-7.50E-6
	CC5	-0.7272	0.4211	-0.2571	1.44E-3	1.08E-3	6.65E-6
	CC6	-0.7140	0.4526	-0.2625	1.55E-3	1.07E-3	4.26E-5
	CC7	-0.7433	-0.5376	-0.1101	-1.76E-3	1.04E-3	-7.92E-5
	CC8	-0.7302	-0.5061	-0.1155	-1.66E-3	1.03E-3	-4.33E-5
	CC9	0.2213	1.5600	-0.4476	5.19E-3	-2.28E-4	1.03E-4
	CC10	0.2540	1.6384	-0.4610	5.45E-3	-2.67E-4	1.93E-4
	CC11	-0.2123	1.5398	-0.4369	5.15E-3	4.02E-4	9.27E-5
	CC12	-0.1796	1.6182	-0.4503	5.41E-3	3.63E-4	1.82E-4
	CC13	0.1674	-1.6356	0.0421	-5.49E-3	-3.53E-4	-1.83E-4
	CC14	0.2001	-1.5572	0.0287	-5.23E-3	-3.92E-4	-9.36E-5
	CC15	-0.2661	-1.6559	0.0528	-5.53E-3	2.77E-4	-1.93E-4
	CC16	-0.2335	-1.5775	0.0394	-5.27E-3	2.38E-4	-1.04E-4
58	CC1	0.6790	0.4698	-0.2046	1.90E-3	-1.03E-3	4.01E-5
	CC2	0.6587	0.4880	-0.2035	1.97E-3	-1.00E-3	7.60E-5
	CC3	0.7429	-0.4569	-0.2605	-1.52E-3	-1.13E-3	-4.57E-5
	CC4	0.7226	-0.4387	-0.2594	-1.45E-3	-1.10E-3	-9.84E-6
	CC5	-0.7328	0.4156	-0.2260	1.76E-3	1.11E-3	4.32E-6
	CC6	-0.7531	0.4338	-0.2250	1.83E-3	1.15E-3	4.02E-5
	CC7	-0.6689	-0.5111	-0.2819	-1.66E-3	1.01E-3	-8.15E-5
	CC8	-0.6892	-0.4930	-0.2808	-1.59E-3	1.04E-3	-4.56E-5
	CC9	0.1253	1.5185	-0.1477	5.79E-3	-1.87E-4	1.01E-4
	CC10	0.0748	1.5637	-0.1450	5.97E-3	-1.07E-4	1.90E-4
	CC11	-0.2982	1.5023	-0.1542	5.75E-3	4.57E-4	9.04E-5
	CC12	-0.3487	1.5474	-0.1515	5.93E-3	5.37E-4	1.80E-4
	CC13	0.3385	-1.5705	-0.3340	-5.62E-3	-5.26E-4	-1.85E-4
	CC14	0.2880	-1.5254	-0.3313	-5.44E-3	-4.46E-4	-9.59E-5
	CC15	-0.0851	-1.5868	-0.3404	-5.66E-3	1.18E-4	-1.96E-4
	CC16	-0.1355	-1.5417	-0.3377	-5.49E-3	1.98E-4	-1.07E-4
59	CC1	0.7053	0.4731	-0.1973	1.51E-3	-1.09E-3	4.15E-5
	CC2	0.7082	0.4912	-0.1967	1.58E-3	-1.09E-3	7.74E-5
	CC3	0.7139	-0.4536	-0.2227	-1.65E-3	-1.11E-3	-4.44E-5
	CC4	0.7167	-0.4355	-0.2222	-1.59E-3	-1.11E-3	-8.50E-6
	CC5	-0.7295	0.4188	-0.1584	1.39E-3	1.13E-3	5.65E-6
	CC6	-0.7267	0.4370	-0.1578	1.45E-3	1.13E-3	4.15E-5
	CC7	-0.7210	-0.5079	-0.1839	-1.78E-3	1.11E-3	-8.02E-5
	CC8	-0.7181	-0.4897	-0.1833	-1.72E-3	1.11E-3	-4.43E-5
	CC9	0.1910	1.5218	-0.1543	5.11E-3	-2.85E-4	1.02E-4
	CC10	0.1980	1.5669	-0.1530	5.28E-3	-2.94E-4	1.92E-4
	CC11	-0.2395	1.5055	-0.1427	5.08E-3	3.81E-4	9.17E-5
	CC12	-0.2324	1.5506	-0.1413	5.24E-3	3.73E-4	1.81E-4
	CC13	0.2196	-1.5673	-0.2393	-5.44E-3	-3.55E-4	-1.84E-4
	CC14	0.2267	-1.5221	-0.2379	-5.28E-3	-3.63E-4	-9.46E-5
	CC15	-0.2108	-1.5836	-0.2276	-5.48E-3	3.12E-4	-1.94E-4
	CC16	-0.2038	-1.5384	-0.2262	-5.31E-3	3.03E-4	-1.05E-4
60	CC1	0.7184	0.4736	-0.2834	1.60E-3	-1.03E-3	4.14E-5
	CC2	0.7316	0.4918	-0.2858	1.66E-3	-1.05E-3	7.73E-5
	CC3	0.7022	-0.4531	-0.1727	-1.61E-3	-1.04E-3	-4.45E-5
	CC4	0.7154	-0.4349	-0.1751	-1.54E-3	-1.06E-3	-8.56E-6
	CC5	-0.7268	0.4194	-0.2347	1.46E-3	1.07E-3	5.60E-6
	CC6	-0.7136	0.4376	-0.2371	1.53E-3	1.05E-3	4.15E-5
	CC7	-0.7430	-0.5073	-0.1239	-1.75E-3	1.06E-3	-8.03E-5
	CC8	-0.7298	-0.4891	-0.1263	-1.68E-3	1.04E-3	-4.44E-5
	CC9	0.2217	1.5223	-0.3938	5.24E-3	-2.71E-4	1.02E-4
	CC10	0.2544	1.5675	-0.3997	5.40E-3	-3.13E-4	1.92E-4
	CC11	-0.2119	1.5061	-0.3792	5.20E-3	3.61E-4	9.17E-5
	CC12	-0.1792	1.5512	-0.3851	5.36E-3	3.18E-4	1.81E-4
	CC13	0.1678	-1.5667	-0.0247	-5.45E-3	-3.08E-4	-1.84E-4
	CC14	0.2005	-1.5216	-0.0306	-5.28E-3	-3.51E-4	-9.46E-5

	CC15	-0.2658	-1.5830	-0.0101	-5.49E-3	3.23E-4	-1.95E-4
	CC16	-0.2331	-1.5379	-0.0159	-5.33E-3	2.80E-4	-1.05E-4
61	CC1	0.6797	0.4557	-0.1941	1.86E-3	-1.02E-3	3.87E-5
	CC2	0.6593	0.4604	-0.1941	1.89E-3	-9.91E-4	7.46E-5
	CC3	0.7436	-0.4391	-0.2420	-1.44E-3	-1.14E-3	-4.72E-5
	CC4	0.7233	-0.4343	-0.2421	-1.42E-3	-1.10E-3	-1.13E-5
	CC5	-0.7321	0.4147	-0.2464	1.74E-3	1.11E-3	2.86E-6
	CC6	-0.7525	0.4195	-0.2464	1.77E-3	1.14E-3	3.88E-5
	CC7	-0.6682	-0.4800	-0.2943	-1.56E-3	9.96E-4	-8.30E-5
	CC8	-0.6885	-0.4753	-0.2943	-1.54E-3	1.03E-3	-4.71E-5
	CC9	0.1260	1.4816	-0.1564	5.66E-3	-1.70E-4	9.97E-5
	CC10	0.0755	1.4935	-0.1564	5.71E-3	-8.93E-5	1.89E-4
	CC11	-0.2975	1.4693	-0.1721	5.62E-3	4.69E-4	8.89E-5
	CC12	-0.3480	1.4812	-0.1721	5.68E-3	5.50E-4	1.78E-4
	CC13	0.3392	-1.5008	-0.3163	-5.35E-3	-5.46E-4	-1.87E-4
	CC14	0.2887	-1.4890	-0.3163	-5.30E-3	-4.65E-4	-9.74E-5
	CC15	-0.0844	-1.5131	-0.3320	-5.39E-3	9.39E-5	-1.97E-4
	CC16	-0.1349	-1.5012	-0.3320	-5.33E-3	1.75E-4	-1.08E-4
62	CC1	0.7059	0.4590	-0.2065	1.48E-3	-1.08E-3	4.00E-5
	CC2	0.7087	0.4638	-0.2062	1.50E-3	-1.09E-3	7.59E-5
	CC3	0.7145	-0.4358	-0.2349	-1.58E-3	-1.11E-3	-4.59E-5
	CC4	0.7173	-0.4310	-0.2346	-1.56E-3	-1.12E-3	-9.96E-6
	CC5	-0.7290	0.4180	-0.1478	1.37E-3	1.13E-3	4.19E-6
	CC6	-0.7261	0.4228	-0.1475	1.39E-3	1.12E-3	4.01E-5
	CC7	-0.7204	-0.4767	-0.1762	-1.69E-3	1.10E-3	-8.17E-5
	CC8	-0.7175	-0.4720	-0.1759	-1.67E-3	1.09E-3	-4.58E-5
	CC9	0.1916	1.4849	-0.1531	4.99E-3	-2.72E-4	1.01E-4
	CC10	0.1986	1.4968	-0.1523	5.04E-3	-2.80E-4	1.90E-4
	CC11	-0.2389	1.4727	-0.1355	4.96E-3	3.90E-4	9.03E-5
	CC12	-0.2319	1.4845	-0.1347	5.01E-3	3.82E-4	1.79E-4
	CC13	0.2202	-1.4975	-0.2477	-5.19E-3	-3.73E-4	-1.85E-4
	CC14	0.2272	-1.4856	-0.2469	-5.14E-3	-3.81E-4	-9.60E-5
	CC15	-0.2102	-1.5098	-0.2301	-5.23E-3	2.90E-4	-1.96E-4
	CC16	-0.2032	-1.4979	-0.2293	-5.18E-3	2.81E-4	-1.07E-4
63	CC1	0.7188	0.4596	-0.2959	1.56E-3	-1.02E-3	3.96E-5
	CC2	0.7320	0.4643	-0.2962	1.59E-3	-1.04E-3	7.55E-5
	CC3	0.7026	-0.4352	-0.2046	-1.53E-3	-1.03E-3	-4.63E-5
	CC4	0.7158	-0.4304	-0.2049	-1.51E-3	-1.05E-3	-1.04E-5
	CC5	-0.7264	0.4186	-0.2119	1.43E-3	1.05E-3	3.78E-6
	CC6	-0.7132	0.4234	-0.2122	1.46E-3	1.03E-3	3.97E-5
	CC7	-0.7426	-0.4762	-0.1206	-1.66E-3	1.04E-3	-8.21E-5
	CC8	-0.7294	-0.4714	-0.1209	-1.64E-3	1.03E-3	-4.62E-5
	CC9	0.2221	1.4855	-0.3728	5.11E-3	-2.71E-4	1.01E-4
	CC10	0.2548	1.4974	-0.3735	5.16E-3	-3.15E-4	1.90E-4
	CC11	-0.2115	1.4732	-0.3476	5.07E-3	3.51E-4	8.99E-5
	CC12	-0.1788	1.4851	-0.3483	5.12E-3	3.07E-4	1.79E-4
	CC13	0.1682	-1.4969	-0.0685	-5.20E-3	-3.02E-4	-1.86E-4
	CC14	0.2009	-1.4851	-0.0692	-5.14E-3	-3.46E-4	-9.65E-5
	CC15	-0.2654	-1.5092	-0.0433	-5.24E-3	3.20E-4	-1.96E-4
	CC16	-0.2327	-1.4973	-0.0440	-5.18E-3	2.76E-4	-1.07E-4
64	CC1	0.6804	0.4431	-0.2664	1.83E-3	-1.02E-3	3.46E-5
	CC2	0.6600	0.4348	-0.2671	1.81E-3	-9.92E-4	7.05E-5
	CC3	0.7443	-0.4206	-0.3141	-1.32E-3	-1.15E-3	-5.12E-5
	CC4	0.7240	-0.4288	-0.3147	-1.35E-3	-1.11E-3	-1.53E-5
	CC5	-0.7314	0.4149	-0.1881	1.70E-3	1.10E-3	-1.18E-6
	CC6	-0.7518	0.4067	-0.1887	1.68E-3	1.13E-3	3.47E-5
	CC7	-0.6675	-0.4487	-0.2357	-1.45E-3	9.73E-4	-8.70E-5
	CC8	-0.6878	-0.4570	-0.2364	-1.48E-3	1.01E-3	-5.11E-5
	CC9	0.1267	1.4469	-0.1829	5.48E-3	-1.64E-4	9.57E-5
	CC10	0.0762	1.4264	-0.1845	5.43E-3	-8.34E-5	1.85E-4
	CC11	-0.2968	1.4385	-0.1594	5.45E-3	4.72E-4	8.49E-5
	CC12	-0.3473	1.4180	-0.1610	5.39E-3	5.53E-4	1.74E-4
	CC13	0.3399	-1.4319	-0.3418	-5.03E-3	-5.71E-4	-1.91E-4
	CC14	0.2894	-1.4524	-0.3434	-5.09E-3	-4.91E-4	-1.01E-4
	CC15	-0.0837	-1.4403	-0.3183	-5.07E-3	6.48E-5	-2.01E-4
	CC16	-0.1342	-1.4608	-0.3199	-5.13E-3	1.45E-4	-1.12E-4
65	CC1	0.7066	0.4465	-0.2222	1.44E-3	-1.09E-3	3.68E-5
	CC2	0.7095	0.4383	-0.2221	1.42E-3	-1.10E-3	7.27E-5
	CC3	0.7150	-0.4171	-0.2534	-1.48E-3	-1.12E-3	-4.91E-5
	CC4	0.7179	-0.4254	-0.2532	-1.50E-3	-1.12E-3	-1.32E-5
	CC5	-0.7284	0.4184	-0.1454	1.32E-3	1.10E-3	9.85E-7
	CC6	-0.7255	0.4101	-0.1453	1.30E-3	1.10E-3	3.69E-5

	CC7	-0.7200	-0.4453	-0.1766	-1.59E-3	1.08E-3	-8.49E-5
	CC8	-0.7171	-0.4535	-0.1765	-1.62E-3	1.07E-3	-4.90E-5
	CC9	0.1924	1.4504	-0.1591	4.82E-3	-2.94E-4	9.78E-5
	CC10	0.1996	1.4299	-0.1588	4.77E-3	-3.03E-4	1.87E-4
	CC11	-0.2381	1.4419	-0.1360	4.79E-3	3.64E-4	8.71E-5
	CC12	-0.2309	1.4214	-0.1357	4.73E-3	3.55E-4	1.76E-4
	CC13	0.2204	-1.4284	-0.2629	-4.91E-3	-3.73E-4	-1.88E-4
	CC14	0.2276	-1.4489	-0.2626	-4.96E-3	-3.82E-4	-9.92E-5
	CC15	-0.2101	-1.4369	-0.2399	-4.94E-3	2.84E-4	-1.99E-4
	CC16	-0.2029	-1.4573	-0.2396	-5.00E-3	2.76E-4	-1.10E-4
66	CC1	0.7191	0.4475	-0.1882	1.48E-3	-1.02E-3	3.51E-5
	CC2	0.7323	0.4396	-0.1870	1.46E-3	-1.03E-3	7.10E-5
	CC3	0.7029	-0.4169	-0.1299	-1.40E-3	-1.05E-3	-5.07E-5
	CC4	0.7161	-0.4248	-0.1287	-1.42E-3	-1.07E-3	-1.48E-5
	CC5	-0.7261	0.4190	-0.3095	1.38E-3	1.04E-3	-6.65E-7
	CC6	-0.7129	0.4111	-0.3083	1.36E-3	1.02E-3	3.52E-5
	CC7	-0.7423	-0.4454	-0.2512	-1.50E-3	1.01E-3	-8.65E-5
	CC8	-0.7291	-0.4533	-0.2500	-1.52E-3	9.89E-4	-5.06E-5
	CC9	0.2224	1.4519	-0.2996	4.82E-3	-2.46E-4	9.62E-5
	CC10	0.2551	1.4323	-0.2967	4.78E-3	-2.92E-4	1.85E-4
	CC11	-0.2112	1.4434	-0.3360	4.79E-3	3.71E-4	8.54E-5
	CC12	-0.1785	1.4238	-0.3330	4.75E-3	3.25E-4	1.75E-4
	CC13	0.1685	-1.4296	-0.1052	-4.78E-3	-3.53E-4	-1.90E-4
	CC14	0.2012	-1.4492	-0.1022	-4.83E-3	-3.99E-4	-1.01E-4
	CC15	-0.2651	-1.4381	-0.1415	-4.81E-3	2.64E-4	-2.01E-4
	CC16	-0.2324	-1.4577	-0.1386	-4.86E-3	2.18E-4	-1.12E-4
67	CC1	0.6811	0.4328	-0.2774	1.76E-3	-1.06E-3	3.96E-5
	CC2	0.6607	0.4115	-0.2789	1.70E-3	-1.03E-3	7.55E-5
	CC3	0.7450	-0.3997	-0.3328	-1.15E-3	-1.20E-3	-4.63E-5
	CC4	0.7247	-0.4210	-0.3342	-1.21E-3	-1.17E-3	-1.04E-5
	CC5	-0.7307	0.4172	-0.2069	1.60E-3	1.13E-3	3.79E-6
	CC6	-0.7511	0.3959	-0.2084	1.54E-3	1.16E-3	3.97E-5
	CC7	-0.6668	-0.4153	-0.2623	-1.31E-3	9.89E-4	-8.21E-5
	CC8	-0.6871	-0.4366	-0.2637	-1.37E-3	1.02E-3	-4.62E-5
	CC9	0.1274	1.4144	-0.1871	5.15E-3	-1.57E-4	1.01E-4
	CC10	0.0769	1.3616	-0.1908	4.99E-3	-7.65E-5	1.90E-4
	CC11	-0.2961	1.4097	-0.1660	5.10E-3	5.00E-4	8.99E-5
	CC12	-0.3466	1.3569	-0.1696	4.94E-3	5.80E-4	1.79E-4
	CC13	0.3406	-1.3607	-0.3715	-4.55E-3	-6.20E-4	-1.86E-4
	CC14	0.2901	-1.4135	-0.3752	-4.71E-3	-5.39E-4	-9.64E-5
	CC15	-0.0830	-1.3654	-0.3504	-4.60E-3	3.71E-5	-1.96E-4
	CC16	-0.1335	-1.4182	-0.3541	-4.76E-3	1.17E-4	-1.07E-4
68	CC1	0.7070	0.4371	-0.2537	1.33E-3	-1.11E-3	4.14E-5
	CC2	0.7098	0.4158	-0.2539	1.26E-3	-1.12E-3	7.73E-5
	CC3	0.7156	-0.3954	-0.2937	-1.35E-3	-1.14E-3	-4.45E-5
	CC4	0.7184	-0.4167	-0.2939	-1.41E-3	-1.15E-3	-8.59E-6
	CC5	-0.7279	0.4215	-0.1510	1.26E-3	1.11E-3	5.57E-6
	CC6	-0.7251	0.4003	-0.1512	1.20E-3	1.10E-3	4.15E-5
	CC7	-0.7193	-0.4110	-0.1911	-1.41E-3	1.08E-3	-8.03E-5
	CC8	-0.7165	-0.4323	-0.1913	-1.47E-3	1.07E-3	-4.44E-5
	CC9	0.1927	1.4187	-0.1709	4.46E-3	-2.99E-4	1.02E-4
	CC10	0.1997	1.3659	-0.1714	4.31E-3	-3.09E-4	1.92E-4
	CC11	-0.2378	1.4140	-0.1401	4.45E-3	3.67E-4	9.16E-5
	CC12	-0.2308	1.3612	-0.1406	4.29E-3	3.57E-4	1.81E-4
	CC13	0.2213	-1.3564	-0.3043	-4.44E-3	-3.98E-4	-1.84E-4
	CC14	0.2283	-1.4092	-0.3048	-4.59E-3	-4.08E-4	-9.47E-5
	CC15	-0.2091	-1.3610	-0.2735	-4.46E-3	2.68E-4	-1.95E-4
	CC16	-0.2021	-1.4139	-0.2740	-4.61E-3	2.58E-4	-1.05E-4
69	CC1	0.7193	0.4385	-0.1349	7.50E-4	-1.11E-3	3.81E-5
	CC2	0.7325	0.4172	-0.1324	7.10E-4	-1.13E-3	7.40E-5
	CC3	0.7032	-0.3940	-0.1433	-7.72E-4	-1.06E-3	-4.78E-5
	CC4	0.7163	-0.4153	-0.1408	-8.12E-4	-1.08E-3	-1.19E-5
	CC5	-0.7259	0.4229	-0.3453	1.02E-3	1.05E-3	2.25E-6
	CC6	-0.7127	0.4017	-0.3428	9.81E-4	1.03E-3	3.82E-5
	CC7	-0.7420	-0.4096	-0.3537	-5.01E-4	1.10E-3	-8.36E-5
	CC8	-0.7289	-0.4309	-0.3511	-5.41E-4	1.08E-3	-4.77E-5
	CC9	0.2226	1.4201	-0.2007	2.65E-3	-3.89E-4	9.91E-5
	CC10	0.2553	1.3673	-0.1944	2.55E-3	-4.39E-4	1.88E-4
	CC11	-0.2110	1.4154	-0.2638	2.73E-3	2.59E-4	8.83E-5
	CC12	-0.1783	1.3626	-0.2575	2.63E-3	2.09E-4	1.77E-4
	CC13	0.1687	-1.3550	-0.2285	-2.42E-3	-2.40E-4	-1.87E-4
	CC14	0.2014	-1.4078	-0.2223	-2.52E-3	-2.90E-4	-9.80E-5

	CC15	-0.2648	-1.3597	-0.2916	-2.34E-3	4.08E-4	-1.98E-4
	CC16	-0.2322	-1.4125	-0.2854	-2.44E-3	3.58E-4	-1.09E-4
70	CC1	0.7295	0.4407	-0.1398	1.08E-3	-1.83E-3	4.34E-5
	CC2	0.7550	0.4210	-0.1273	1.04E-3	-1.90E-3	7.93E-5
	CC3	0.6839	-0.3954	0.0571	-1.03E-3	-1.67E-3	-4.25E-5
	CC4	0.7094	-0.4152	0.0697	-1.07E-3	-1.74E-3	-6.60E-6
	CC5	-0.7279	0.4237	-0.6491	1.08E-3	1.74E-3	7.55E-6
	CC6	-0.7025	0.4040	-0.6366	1.03E-3	1.68E-3	4.35E-5
	CC7	-0.7735	-0.4124	-0.4521	-1.03E-3	1.90E-3	-7.83E-5
	CC8	-0.7481	-0.4322	-0.4396	-1.08E-3	1.84E-3	-4.24E-5
	CC9	0.2537	1.4250	-0.5572	3.58E-3	-7.16E-4	1.04E-4
	CC10	0.3169	1.3759	-0.5261	3.46E-3	-8.82E-4	1.94E-4
	CC11	-0.1835	1.4199	-0.7100	3.58E-3	3.56E-4	9.36E-5
	CC12	-0.1203	1.3708	-0.6788	3.46E-3	1.89E-4	1.83E-4
	CC13	0.1018	-1.3622	0.0994	-3.46E-3	-1.82E-4	-1.82E-4
	CC14	0.1650	-1.4113	0.1306	-3.57E-3	-3.48E-4	-9.27E-5
	CC15	-0.3355	-1.3673	-0.0534	-3.46E-3	8.90E-4	-1.93E-4
	CC16	-0.2722	-1.4164	-0.0222	-3.58E-3	7.23E-4	-1.03E-4
71	CC1	0.6818	0.4174	-0.2771	1.16E-3	-1.07E-3	5.13E-5
	CC2	0.6615	0.3828	-0.2800	1.08E-3	-1.04E-3	8.72E-5
	CC3	0.7458	-0.3831	-0.3588	-7.65E-4	-1.20E-3	-3.46E-5
	CC4	0.7254	-0.4178	-0.3617	-8.43E-4	-1.17E-3	1.32E-6
	CC5	-0.7300	0.4098	-0.2187	1.12E-3	1.16E-3	1.55E-5
	CC6	-0.7503	0.3751	-0.2216	1.04E-3	1.19E-3	5.14E-5
	CC7	-0.6660	-0.3908	-0.3004	-8.05E-4	1.03E-3	-7.04E-5
	CC8	-0.6864	-0.4255	-0.3032	-8.83E-4	1.07E-3	-3.45E-5
	CC9	0.1282	1.3744	-0.1593	3.45E-3	-1.63E-4	1.12E-4
	CC10	0.0777	1.2883	-0.1664	3.25E-3	-8.26E-5	2.01E-4
	CC11	-0.2954	1.3721	-0.1418	3.43E-3	5.07E-4	1.02E-4
	CC12	-0.3459	1.2860	-0.1489	3.24E-3	5.87E-4	1.91E-4
	CC13	0.3413	-1.2941	-0.4315	-2.97E-3	-5.93E-4	-1.74E-4
	CC14	0.2908	-1.3802	-0.4386	-3.16E-3	-5.13E-4	-8.48E-5
	CC15	-0.0822	-1.2964	-0.4139	-2.98E-3	7.67E-5	-1.85E-4
	CC16	-0.1327	-1.3825	-0.4211	-3.17E-3	1.57E-4	-9.55E-5
72	CC1	0.7075	0.4197	-0.2598	4.17E-4	-1.13E-3	4.68E-5
	CC2	0.7103	0.3850	-0.2614	3.73E-4	-1.14E-3	8.27E-5
	CC3	0.7161	-0.3809	-0.3179	-6.47E-4	-1.16E-3	-3.91E-5
	CC4	0.7189	-0.4155	-0.3195	-6.91E-4	-1.16E-3	-3.16E-6
	CC5	-0.7274	0.4120	-0.1761	5.45E-4	1.16E-3	1.10E-5
	CC6	-0.7246	0.3773	-0.1778	5.01E-4	1.15E-3	4.69E-5
	CC7	-0.7188	-0.3885	-0.2342	-5.19E-4	1.13E-3	-7.49E-5
	CC8	-0.7160	-0.4232	-0.2358	-5.64E-4	1.13E-3	-3.90E-5
	CC9	0.1931	1.3767	-0.1616	1.74E-3	-2.93E-4	1.08E-4
	CC10	0.2001	1.2906	-0.1656	1.63E-3	-3.05E-4	1.97E-4
	CC11	-0.2373	1.3744	-0.1365	1.78E-3	3.93E-4	9.71E-5
	CC12	-0.2303	1.2883	-0.1405	1.67E-3	3.81E-4	1.86E-4
	CC13	0.2218	-1.2918	-0.3551	-1.81E-3	-3.86E-4	-1.78E-4
	CC14	0.2288	-1.3779	-0.3591	-1.92E-3	-3.98E-4	-8.92E-5
	CC15	-0.2087	-1.2941	-0.3300	-1.77E-3	3.00E-4	-1.89E-4
	CC16	-0.2017	-1.3802	-0.3340	-1.88E-3	2.88E-4	-1.00E-4
73	CC1	0.7199	0.4201	-0.1825	4.99E-4	-1.06E-3	4.58E-5
	CC2	0.7331	0.3854	-0.1805	4.59E-4	-1.08E-3	8.17E-5
	CC3	0.7037	-0.3805	-0.1723	-4.50E-4	-1.05E-3	-4.01E-5
	CC4	0.7169	-0.4151	-0.1704	-4.90E-4	-1.07E-3	-4.16E-6
	CC5	-0.7253	0.4124	-0.3367	5.87E-4	1.09E-3	9.99E-6
	CC6	-0.7121	0.3778	-0.3347	5.47E-4	1.07E-3	4.59E-5
	CC7	-0.7414	-0.3881	-0.3265	-3.63E-4	1.10E-3	-7.59E-5
	CC8	-0.7283	-0.4228	-0.3246	-4.03E-4	1.08E-3	-4.00E-5
	CC9	0.2232	1.3771	-0.2497	1.67E-3	-3.05E-4	1.07E-4
	CC10	0.2559	1.2910	-0.2449	1.57E-3	-3.58E-4	1.96E-4
	CC11	-0.2104	1.3748	-0.2960	1.69E-3	3.41E-4	9.61E-5
	CC12	-0.1777	1.2887	-0.2912	1.59E-3	2.87E-4	1.85E-4
	CC13	0.1693	-1.2914	-0.2159	-1.50E-3	-2.66E-4	-1.79E-4
	CC14	0.2020	-1.3775	-0.2111	-1.60E-3	-3.19E-4	-9.02E-5
	CC15	-0.2643	-1.2937	-0.2622	-1.47E-3	3.80E-4	-1.90E-4
	CC16	-0.2316	-1.3798	-0.2573	-1.57E-3	3.26E-4	-1.01E-4
74	CC1	0.7313	0.4205	-0.2793	8.49E-4	-1.20E-3	4.50E-5
	CC2	0.7568	0.3859	-0.2710	7.85E-4	-1.24E-3	8.09E-5
	CC3	0.6857	-0.3800	-0.1070	-7.58E-4	-1.13E-3	-4.09E-5
	CC4	0.7112	-0.4147	-0.0986	-8.23E-4	-1.17E-3	-5.01E-6
	CC5	-0.7262	0.4129	-0.4291	7.86E-4	1.25E-3	9.15E-6
	CC6	-0.7007	0.3782	-0.4208	7.22E-4	1.21E-3	4.50E-5

	CC7	-0.7717	-0.3877	-0.2568	-8.21E-4	1.32E-3	-7.67E-5
	CC8	-0.7463	-0.4224	-0.2484	-8.85E-4	1.28E-3	-4.08E-5
	CC9	0.2555	1.3775	-0.5390	2.75E-3	-3.93E-4	1.06E-4
	CC10	0.3187	1.2914	-0.5183	2.59E-3	-4.96E-4	1.95E-4
	CC11	-0.1818	1.3752	-0.5839	2.73E-3	3.42E-4	9.52E-5
	CC12	-0.1185	1.2891	-0.5632	2.57E-3	2.39E-4	1.84E-4
	CC13	0.1036	-1.2910	0.0355	-2.61E-3	-1.55E-4	-1.80E-4
	CC14	0.1668	-1.3771	0.0562	-2.77E-3	-2.57E-4	-9.11E-5
	CC15	-0.3337	-1.2933	-0.0095	-2.63E-3	5.81E-4	-1.91E-4
	CC16	-0.2705	-1.3794	0.0113	-2.79E-3	4.78E-4	-1.02E-4
75	CC1	0.6827	0.3921	-0.3495	1.58E-3	-1.19E-3	4.64E-5
	CC2	0.6624	0.3446	-0.3522	1.43E-3	-1.16E-3	8.23E-5
	CC3	0.7466	-0.3778	-0.4298	-9.61E-4	-1.34E-3	-3.94E-5
	CC4	0.7263	-0.4253	-0.4325	-1.11E-3	-1.31E-3	-3.53E-6
	CC5	-0.7291	0.4098	-0.1598	1.48E-3	1.24E-3	1.06E-5
	CC6	-0.7494	0.3623	-0.1626	1.33E-3	1.27E-3	4.65E-5
	CC7	-0.6652	-0.3600	-0.2401	-1.07E-3	1.09E-3	-7.52E-5
	CC8	-0.6855	-0.4075	-0.2428	-1.22E-3	1.12E-3	-3.93E-5
	CC9	0.1290	1.3317	-0.1875	4.62E-3	-1.92E-4	1.07E-4
	CC10	0.0785	1.2137	-0.1942	4.25E-3	-1.09E-4	1.97E-4
	CC11	-0.2945	1.3370	-0.1306	4.59E-3	5.36E-4	9.67E-5
	CC12	-0.3450	1.2190	-0.1373	4.22E-3	6.19E-4	1.86E-4
	CC13	0.3422	-1.2345	-0.4551	-3.85E-3	-6.92E-4	-1.79E-4
	CC14	0.2917	-1.3525	-0.4618	-4.23E-3	-6.10E-4	-8.96E-5
	CC15	-0.0814	-1.2291	-0.3982	-3.88E-3	3.59E-5	-1.90E-4
	CC16	-0.1318	-1.3472	-0.4049	-4.26E-3	1.18E-4	-1.00E-4
76	CC1	0.7081	0.3959	-0.2863	1.15E-3	-1.24E-3	4.26E-5
	CC2	0.7109	0.3482	-0.2897	1.01E-3	-1.25E-3	7.85E-5
	CC3	0.7166	-0.3735	-0.3399	-1.18E-3	-1.27E-3	-4.32E-5
	CC4	0.7195	-0.4212	-0.3433	-1.32E-3	-1.27E-3	-7.33E-6
	CC5	-0.7268	0.4138	-0.1586	1.12E-3	1.23E-3	6.82E-6
	CC6	-0.7240	0.3661	-0.1620	9.81E-4	1.22E-3	4.27E-5
	CC7	-0.7182	-0.3556	-0.2122	-1.21E-3	1.21E-3	-7.90E-5
	CC8	-0.7154	-0.4033	-0.2156	-1.35E-3	1.20E-3	-4.31E-5
	CC9	0.1937	1.3352	-0.1765	3.96E-3	-3.43E-4	1.04E-4
	CC10	0.2007	1.2168	-0.1850	3.62E-3	-3.58E-4	1.93E-4
	CC11	-0.2367	1.3406	-0.1382	3.95E-3	3.98E-4	9.29E-5
	CC12	-0.2297	1.2222	-0.1467	3.61E-3	3.83E-4	1.82E-4
	CC13	0.2224	-1.2296	-0.3552	-3.81E-3	-4.25E-4	-1.83E-4
	CC14	0.2294	-1.3480	-0.3637	-4.15E-3	-4.40E-4	-9.34E-5
	CC15	-0.2081	-1.2242	-0.3168	-3.82E-3	3.16E-4	-1.93E-4
	CC16	-0.2011	-1.3427	-0.3254	-4.16E-3	3.02E-4	-1.04E-4
77	CC1	0.7203	0.3984	-0.3084	9.91E-4	-1.74E-3	4.23E-5
	CC2	0.7334	0.3524	-0.3100	8.83E-4	-1.77E-3	7.82E-5
	CC3	0.7041	-0.3751	-0.3231	-9.06E-4	-1.70E-3	-4.35E-5
	CC4	0.7173	-0.4211	-0.3247	-1.01E-3	-1.73E-3	-7.62E-6
	CC5	-0.7249	0.4148	-0.1892	1.06E-3	1.74E-3	6.53E-6
	CC6	-0.7118	0.3688	-0.1908	9.54E-4	1.71E-3	4.24E-5
	CC7	-0.7411	-0.3586	-0.2039	-8.35E-4	1.78E-3	-7.93E-5
	CC8	-0.7279	-0.4046	-0.2055	-9.43E-4	1.75E-3	-4.34E-5
	CC9	0.2235	1.3406	-0.2484	3.31E-3	-5.41E-4	1.03E-4
	CC10	0.2562	1.2264	-0.2523	3.04E-3	-6.25E-4	1.93E-4
	CC11	-0.2100	1.3456	-0.2127	3.33E-3	5.03E-4	9.26E-5
	CC12	-0.1773	1.2313	-0.2166	3.06E-3	4.19E-4	1.82E-4
	CC13	0.1697	-1.2376	-0.2973	-3.01E-3	-4.11E-4	-1.83E-4
	CC14	0.2023	-1.3518	-0.3012	-3.28E-3	-4.95E-4	-9.37E-5
	CC15	-0.2639	-1.2326	-0.2616	-2.99E-3	6.33E-4	-1.94E-4
	CC16	-0.2312	-1.3469	-0.2655	-3.26E-3	5.49E-4	-1.04E-4
78	CC1	0.7327	0.3975	-0.4094	6.37E-4	-1.34E-3	4.09E-5
	CC2	0.7582	0.3502	-0.4005	5.52E-4	-1.39E-3	7.68E-5
	CC3	0.6871	-0.3727	-0.2322	-7.88E-4	-1.26E-3	-4.49E-5
	CC4	0.7126	-0.4201	-0.2233	-8.73E-4	-1.30E-3	-9.03E-6
	CC5	-0.7248	0.4151	-0.2870	7.83E-4	1.35E-3	5.12E-6
	CC6	-0.6993	0.3678	-0.2781	6.99E-4	1.31E-3	4.10E-5
	CC7	-0.7703	-0.3551	-0.1098	-6.42E-4	1.44E-3	-8.07E-5
	CC8	-0.7449	-0.4025	-0.1009	-7.27E-4	1.39E-3	-4.48E-5
	CC9	0.2569	1.3374	-0.5799	2.41E-3	-4.59E-4	1.02E-4
	CC10	0.3201	1.2198	-0.5578	2.20E-3	-5.78E-4	1.91E-4
	CC11	-0.1804	1.3427	-0.5432	2.46E-3	3.49E-4	9.12E-5
	CC12	-0.1171	1.2251	-0.5211	2.25E-3	2.31E-4	1.80E-4
	CC13	0.1050	-1.2301	0.0108	-2.34E-3	-1.80E-4	-1.84E-4
	CC14	0.1682	-1.3477	0.0329	-2.55E-3	-2.99E-4	-9.51E-5

	CC15	-0.3323	-1.2248	0.0475	-2.29E-3	6.29E-4	-1.95E-4
	CC16	-0.2690	-1.3424	0.0696	-2.50E-3	5.10E-4	-1.06E-4
79	CC1	0.7209	0.3866	-0.4209	7.29E-4	-5.21E-4	4.20E-5
	CC2	0.7341	0.3293	-0.4249	6.47E-4	-5.25E-4	7.79E-5
	CC3	0.7048	-0.3599	-0.4302	-4.80E-4	-4.20E-4	-4.38E-5
	CC4	0.7179	-0.4172	-0.4342	-5.63E-4	-4.23E-4	-7.95E-6
	CC5	-0.7243	0.4130	-0.0778	6.74E-4	4.50E-4	6.20E-6
	CC6	-0.7111	0.3557	-0.0818	5.91E-4	4.46E-4	4.21E-5
	CC7	-0.7404	-0.3335	-0.0871	-5.35E-4	5.51E-4	-7.97E-5
	CC8	-0.7273	-0.3908	-0.0911	-6.18E-4	5.47E-4	-4.38E-5
	CC9	0.2242	1.3093	-0.2870	2.18E-3	-2.97E-4	1.03E-4
	CC10	0.2569	1.1671	-0.2969	1.98E-3	-3.06E-4	1.92E-4
	CC11	-0.2093	1.3172	-0.1841	2.16E-3	-5.39E-6	9.23E-5
	CC12	-0.1767	1.1750	-0.1940	1.96E-3	-1.43E-5	1.81E-4
	CC13	0.1703	-1.1791	-0.3180	-1.85E-3	4.05E-5	-1.83E-4
	CC14	0.2030	-1.3214	-0.3279	-2.05E-3	3.16E-5	-9.40E-5
	CC15	-0.2632	-1.1712	-0.2150	-1.87E-3	3.32E-4	-1.94E-4
	CC16	-0.2306	-1.3135	-0.2250	-2.07E-3	3.23E-4	-1.05E-4
80	CC1	0.7336	0.3869	-0.5245	5.94E-4	-6.67E-4	4.15E-5
	CC2	0.7591	0.3296	-0.5167	5.07E-4	-6.80E-4	7.74E-5
	CC3	0.6881	-0.3596	-0.3374	-6.50E-4	-6.08E-4	-4.43E-5
	CC4	0.7135	-0.4169	-0.3296	-7.37E-4	-6.21E-4	-8.45E-6
	CC5	-0.7238	0.4133	-0.1794	6.08E-4	6.14E-4	5.70E-6
	CC6	-0.6984	0.3560	-0.1716	5.21E-4	6.02E-4	4.16E-5
	CC7	-0.7694	-0.3333	0.0077	-6.36E-4	6.73E-4	-8.02E-5
	CC8	-0.7439	-0.3905	0.0155	-7.23E-4	6.61E-4	-4.43E-5
	CC9	0.2578	1.3096	-0.6277	2.12E-3	-2.79E-4	1.03E-4
	CC10	0.3210	1.1673	-0.6084	1.90E-3	-3.09E-4	1.92E-4
	CC11	-0.1794	1.3175	-0.5242	2.12E-3	1.06E-4	9.18E-5
	CC12	-0.1162	1.1752	-0.5049	1.90E-3	7.52E-5	1.81E-4
	CC13	0.1059	-1.1789	-0.0041	-2.03E-3	-8.19E-5	-1.84E-4
	CC14	0.1691	-1.3212	0.0152	-2.25E-3	-1.13E-4	-9.45E-5
	CC15	-0.3313	-1.1710	0.0994	-2.03E-3	3.03E-4	-1.94E-4
	CC16	-0.2681	-1.3132	0.1187	-2.24E-3	2.72E-4	-1.05E-4
81	CC1	0.6847	0.3765	-0.5442	1.11E-3	-1.35E-3	3.48E-5
	CC2	0.6643	0.3134	-0.5483	9.80E-4	-1.30E-3	7.07E-5
	CC3	0.7486	-0.3561	-0.6806	-5.62E-4	-1.51E-3	-5.11E-5
	CC4	0.7283	-0.4192	-0.6847	-6.94E-4	-1.46E-3	-1.52E-5
	CC5	-0.7271	0.4081	0.0655	1.03E-3	1.64E-3	-1.06E-6
	CC6	-0.7474	0.3450	0.0613	8.97E-4	1.68E-3	3.48E-5
	CC7	-0.6632	-0.3245	-0.0710	-6.45E-4	1.48E-3	-8.69E-5
	CC8	-0.6835	-0.3876	-0.0751	-7.77E-4	1.52E-3	-5.10E-5
	CC9	0.1310	1.2892	-0.1686	3.13E-3	-1.47E-4	9.58E-5
	CC10	0.0805	1.1324	-0.1788	2.81E-3	-3.43E-5	1.85E-4
	CC11	-0.2925	1.2986	0.0143	3.11E-3	7.49E-4	8.50E-5
	CC12	-0.3430	1.1419	0.0041	2.78E-3	8.61E-4	1.74E-4
	CC13	0.3442	-1.1530	-0.6234	-2.45E-3	-6.86E-4	-1.90E-4
	CC14	0.2937	-1.3097	-0.6336	-2.77E-3	-5.73E-4	-1.01E-4
	CC15	-0.0794	-1.1435	-0.4405	-2.47E-3	2.10E-4	-2.01E-4
	CC16	-0.1298	-1.3003	-0.4507	-2.80E-3	3.23E-4	-1.12E-4
82	CC1	0.7096	0.3793	-0.4590	4.57E-4	-1.52E-3	3.93E-5
	CC2	0.7126	0.3163	-0.4663	3.86E-4	-1.52E-3	7.52E-5
	CC3	0.7179	-0.3538	-0.5265	-5.44E-4	-1.55E-3	-4.65E-5
	CC4	0.7209	-0.4168	-0.5339	-6.16E-4	-1.56E-3	-1.06E-5
	CC5	-0.7254	0.4107	0.0174	3.93E-4	1.70E-3	3.52E-6
	CC6	-0.7224	0.3478	0.0101	3.21E-4	1.69E-3	3.94E-5
	CC7	-0.7171	-0.3224	-0.0501	-6.09E-4	1.67E-3	-8.23E-5
	CC8	-0.7141	-0.3853	-0.0575	-6.80E-4	1.66E-3	-4.64E-5
	CC9	0.1955	1.2922	-0.2080	1.66E-3	-3.47E-4	1.00E-4
	CC10	0.2029	1.1359	-0.2263	1.48E-3	-3.62E-4	1.89E-4
	CC11	-0.2350	1.3016	-0.0651	1.64E-3	6.18E-4	8.96E-5
	CC12	-0.2276	1.1454	-0.0833	1.46E-3	6.04E-4	1.79E-4
	CC13	0.2232	-1.1514	-0.4331	-1.68E-3	-4.63E-4	-1.86E-4
	CC14	0.2305	-1.3077	-0.4514	-1.86E-3	-4.78E-4	-9.67E-5
	CC15	-0.2073	-1.1420	-0.2902	-1.70E-3	5.02E-4	-1.97E-4
	CC16	-0.2000	-1.2983	-0.3085	-1.88E-3	4.88E-4	-1.07E-4
83	CC1	0.7212	0.3795	-0.5406	6.00E-4	-1.44E-3	4.30E-5
	CC2	0.7344	0.3164	-0.5454	5.39E-4	-1.47E-3	7.89E-5
	CC3	0.7051	-0.3532	-0.5260	-2.84E-4	-1.38E-3	-4.29E-5
	CC4	0.7182	-0.4163	-0.5308	-3.45E-4	-1.40E-3	-6.96E-6
	CC5	-0.7239	0.4111	0.0224	4.06E-4	1.44E-3	7.19E-6
	CC6	-0.7108	0.3480	0.0175	3.45E-4	1.42E-3	4.31E-5

	CC7	-0.7401	-0.3216	0.0369	-4.78E-4	1.51E-3	-7.87E-5
	CC8	-0.7270	-0.3847	0.0321	-5.39E-4	1.49E-3	-4.28E-5
	CC9	0.2245	1.2921	-0.3569	1.61E-3	-4.95E-4	1.04E-4
	CC10	0.2572	1.1354	-0.3690	1.46E-3	-5.58E-4	1.93E-4
	CC11	-0.2090	1.3016	-0.1881	1.55E-3	3.72E-4	9.33E-5
	CC12	-0.1763	1.1449	-0.2002	1.40E-3	3.09E-4	1.82E-4
	CC13	0.1706	-1.1501	-0.3083	-1.34E-3	-2.66E-4	-1.82E-4
	CC14	0.2033	-1.3068	-0.3204	-1.49E-3	-3.29E-4	-9.30E-5
	CC15	-0.2629	-1.1406	-0.1394	-1.40E-3	6.00E-4	-1.93E-4
	CC16	-0.2302	-1.2973	-0.1515	-1.55E-3	5.37E-4	-1.04E-4
84	CC1	0.7341	0.3800	-0.6626	7.53E-4	-1.52E-3	4.28E-5
	CC2	0.7595	0.3169	-0.6586	6.42E-4	-1.57E-3	7.87E-5
	CC3	0.6885	-0.3527	-0.4649	-6.98E-4	-1.41E-3	-4.30E-5
	CC4	0.7140	-0.4158	-0.4609	-8.09E-4	-1.46E-3	-7.13E-6
	CC5	-0.7234	0.4116	-0.0487	7.18E-4	1.51E-3	7.02E-6
	CC6	-0.6979	0.3485	-0.0447	6.07E-4	1.46E-3	4.29E-5
	CC7	-0.7689	-0.3211	0.1490	-7.33E-4	1.62E-3	-7.88E-5
	CC8	-0.7435	-0.3842	0.1530	-8.44E-4	1.57E-3	-4.29E-5
	CC9	0.2583	1.2926	-0.6813	2.52E-3	-5.43E-4	1.04E-4
	CC10	0.3215	1.1359	-0.6714	2.24E-3	-6.77E-4	1.93E-4
	CC11	-0.1790	1.3021	-0.4971	2.50E-3	3.67E-4	9.31E-5
	CC12	-0.1157	1.1454	-0.4872	2.23E-3	2.33E-4	1.82E-4
	CC13	0.1063	-1.1496	-0.0223	-2.32E-3	-1.82E-4	-1.82E-4
	CC14	0.1696	-1.3063	-0.0124	-2.60E-3	-3.16E-4	-9.32E-5
	CC15	-0.3309	-1.1401	0.1618	-2.33E-3	7.28E-4	-1.93E-4
	CC16	-0.2677	-1.2968	0.1718	-2.61E-3	5.93E-4	-1.04E-4
85	CC1	1.2657	1.1286	0.1095	1.31E-3	-1.33E-3	7.84E-5
	CC2	1.2227	1.3095	0.1172	1.48E-3	-1.29E-3	1.52E-4
	CC3	1.4155	-1.2041	-0.0788	-1.16E-3	-1.46E-3	-1.22E-4
	CC4	1.3724	-1.0232	-0.0711	-9.99E-4	-1.42E-3	-4.86E-5
	CC5	-1.3797	1.0033	-0.4648	1.11E-3	1.31E-3	5.10E-5
	CC6	-1.4227	1.1842	-0.4571	1.28E-3	1.35E-3	1.24E-4
	CC7	-1.2299	-1.3294	-0.6532	-1.36E-3	1.18E-3	-1.50E-4
	CC8	-1.2730	-1.1485	-0.6455	-1.20E-3	1.22E-3	-7.60E-5
	CC9	0.1971	3.6721	0.1226	4.01E-3	-2.88E-4	2.48E-4
	CC10	0.0901	4.1213	0.1417	4.43E-3	-1.88E-4	4.31E-4
	CC11	-0.5966	3.6345	-0.0497	3.95E-3	5.04E-4	2.40E-4
	CC12	-0.7035	4.0837	-0.0306	4.37E-3	6.04E-4	4.23E-4
	CC13	0.6962	-4.1036	-0.5053	-4.25E-3	-7.22E-4	-4.20E-4
	CC14	0.5893	-3.6545	-0.4862	-3.84E-3	-6.23E-4	-2.38E-4
	CC15	-0.0974	-4.1412	-0.6776	-4.31E-3	6.96E-5	-4.28E-4
	CC16	-0.2043	-3.6920	-0.6586	-3.90E-3	1.69E-4	-2.46E-4
86	CC1	1.3126	1.1284	0.0561	7.69E-4	-1.36E-3	7.71E-5
	CC2	1.3170	1.3093	0.0603	8.84E-4	-1.36E-3	1.51E-4
	CC3	1.3345	-1.2043	0.0267	-9.51E-4	-1.38E-3	-1.23E-4
	CC4	1.3389	-1.0234	0.0309	-8.36E-4	-1.39E-3	-4.99E-5
	CC5	-1.3505	1.0032	-0.4775	7.02E-4	1.27E-3	4.96E-5
	CC6	-1.3461	1.1840	-0.4732	8.17E-4	1.27E-3	1.23E-4
	CC7	-1.3286	-1.3296	-0.5069	-1.02E-3	1.24E-3	-1.51E-4
	CC8	-1.3242	-1.1487	-0.5027	-9.02E-4	1.24E-3	-7.73E-5
	CC9	0.3518	3.6719	-0.0994	2.67E-3	-4.01E-4	2.47E-4
	CC10	0.3626	4.1211	-0.0890	2.95E-3	-4.14E-4	4.29E-4
	CC11	-0.4471	3.6344	-0.2595	2.65E-3	3.87E-4	2.39E-4
	CC12	-0.4363	4.0835	-0.2490	2.93E-3	3.74E-4	4.21E-4
	CC13	0.4247	-4.1038	-0.1976	-3.07E-3	-4.91E-4	-4.21E-4
	CC14	0.4355	-3.6546	-0.1871	-2.78E-3	-5.04E-4	-2.39E-4
	CC15	-0.3742	-4.1414	-0.3576	-3.09E-3	2.97E-4	-4.30E-4
	CC16	-0.3634	-3.6922	-0.3472	-2.80E-3	2.84E-4	-2.47E-4
87	CC1	1.3356	1.1284	-0.0789	1.09E-3	-1.34E-3	7.87E-5
	CC2	1.3612	1.3093	-0.0998	1.25E-3	-1.35E-3	1.52E-4
	CC3	1.2981	-1.2043	0.2683	-1.33E-3	-1.40E-3	-1.22E-4
	CC4	1.3236	-1.0235	0.2473	-1.16E-3	-1.42E-3	-4.83E-5
	CC5	-1.3354	1.0031	-0.6900	1.15E-3	1.35E-3	5.12E-5
	CC6	-1.3098	1.1840	-0.7110	1.32E-3	1.33E-3	1.25E-4
	CC7	-1.3729	-1.3296	-0.3429	-1.26E-3	1.28E-3	-1.49E-4
	CC8	-1.3474	-1.1487	-0.3638	-1.10E-3	1.26E-3	-7.58E-5
	CC9	0.4257	3.6719	-0.6822	3.81E-3	-3.10E-4	2.48E-4
	CC10	0.4891	4.1211	-0.7342	4.22E-3	-3.55E-4	4.31E-4
	CC11	-0.3756	3.6343	-0.8656	3.82E-3	4.95E-4	2.40E-4
	CC12	-0.3122	4.0835	-0.9176	4.24E-3	4.50E-4	4.23E-4
	CC13	0.3004	-4.1038	0.4749	-4.25E-3	-5.23E-4	-4.20E-4
	CC14	0.3638	-3.6547	0.4229	-3.83E-3	-5.67E-4	-2.37E-4

	CC15	-0.5009	-4.1414	0.2915	-4.23E-3	2.82E-4	-4.28E-4
	CC16	-0.4375	-3.6922	0.2395	-3.82E-3	2.37E-4	-2.46E-4
88	CC1	1.2657	1.0943	-0.1138	1.61E-3	-9.45E-4	7.78E-5
	CC2	1.2227	1.2433	-0.1097	1.79E-3	-9.17E-4	1.51E-4
	CC3	1.4155	-1.1523	-0.2065	-1.61E-3	-1.03E-3	-1.23E-4
	CC4	1.3724	-1.0034	-0.2024	-1.42E-3	-1.00E-3	-4.92E-5
	CC5	-1.3797	0.9798	-0.3150	1.46E-3	1.02E-3	5.03E-5
	CC6	-1.4228	1.1287	-0.3109	1.64E-3	1.05E-3	1.24E-4
	CC7	-1.2299	-1.2669	-0.4077	-1.76E-3	9.41E-4	-1.50E-4
	CC8	-1.2730	-1.1179	-0.4036	-1.57E-3	9.69E-4	-7.67E-5
	CC9	0.1970	3.5648	-0.0791	5.16E-3	-1.80E-4	2.48E-4
	CC10	0.0901	3.9348	-0.0690	5.63E-3	-1.10E-4	4.30E-4
	CC11	-0.5966	3.5305	-0.1395	5.12E-3	4.10E-4	2.39E-4
	CC12	-0.7035	3.9004	-0.1294	5.58E-3	4.81E-4	4.22E-4
	CC13	0.6962	-3.9240	-0.3880	-5.55E-3	-4.56E-4	-4.21E-4
	CC14	0.5893	-3.5541	-0.3779	-5.08E-3	-3.86E-4	-2.38E-4
	CC15	-0.0974	-3.9584	-0.4484	-5.59E-3	1.34E-4	-4.29E-4
	CC16	-0.2043	-3.5884	-0.4383	-5.12E-3	2.04E-4	-2.46E-4
89	CC1	1.3127	1.0942	-0.1130	1.44E-3	-9.43E-4	7.69E-5
	CC2	1.3170	1.2432	-0.1108	1.62E-3	-9.47E-4	1.50E-4
	CC3	1.3346	-1.1524	-0.1360	-1.55E-3	-9.64E-4	-1.24E-4
	CC4	1.3389	-1.0035	-0.1338	-1.38E-3	-9.68E-4	-5.01E-5
	CC5	-1.3504	0.9797	-0.2883	1.34E-3	1.00E-3	4.95E-5
	CC6	-1.3460	1.1287	-0.2861	1.51E-3	9.99E-4	1.23E-4
	CC7	-1.3285	-1.2669	-0.3113	-1.66E-3	9.82E-4	-1.51E-4
	CC8	-1.3242	-1.1180	-0.3092	-1.48E-3	9.78E-4	-7.75E-5
	CC9	0.3519	3.5648	-0.1491	4.77E-3	-2.34E-4	2.47E-4
	CC10	0.3627	3.9347	-0.1437	5.20E-3	-2.45E-4	4.29E-4
	CC11	-0.4471	3.5304	-0.2017	4.73E-3	3.50E-4	2.38E-4
	CC12	-0.4363	3.9004	-0.1963	5.17E-3	3.39E-4	4.21E-4
	CC13	0.4248	-3.9241	-0.2259	-5.21E-3	-3.04E-4	-4.22E-4
	CC14	0.4356	-3.5542	-0.2205	-4.78E-3	-3.15E-4	-2.39E-4
	CC15	-0.3741	-3.9584	-0.2785	-5.24E-3	2.80E-4	-4.30E-4
	CC16	-0.3633	-3.5885	-0.2731	-4.81E-3	2.69E-4	-2.47E-4
90	CC1	1.3356	1.0942	-0.1900	1.53E-3	-9.56E-4	7.79E-5
	CC2	1.3612	1.2431	-0.2005	1.71E-3	-9.67E-4	1.51E-4
	CC3	1.2979	-1.1525	-0.0084	-1.61E-3	-1.02E-3	-1.23E-4
	CC4	1.3235	-1.0035	-0.0189	-1.43E-3	-1.03E-3	-4.91E-5
	CC5	-1.3354	0.9797	-0.4096	1.42E-3	1.05E-3	5.04E-5
	CC6	-1.3098	1.1286	-0.4201	1.61E-3	1.04E-3	1.24E-4
	CC7	-1.3731	-1.2670	-0.2281	-1.72E-3	9.87E-4	-1.50E-4
	CC8	-1.3475	-1.1180	-0.2386	-1.54E-3	9.75E-4	-7.66E-5
	CC9	0.4258	3.5647	-0.4709	5.02E-3	-1.75E-4	2.48E-4
	CC10	0.4893	3.9346	-0.4970	5.48E-3	-2.03E-4	4.30E-4
	CC11	-0.3755	3.5304	-0.5368	4.99E-3	4.26E-4	2.39E-4
	CC12	-0.3120	3.9003	-0.5629	5.45E-3	3.98E-4	4.22E-4
	CC13	0.3001	-3.9241	0.1343	-5.45E-3	-3.78E-4	-4.21E-4
	CC14	0.3636	-3.5542	0.1082	-4.99E-3	-4.06E-4	-2.38E-4
	CC15	-0.5012	-3.9585	0.0684	-5.48E-3	2.23E-4	-4.29E-4
	CC16	-0.4377	-3.5886	0.0423	-5.03E-3	1.95E-4	-2.46E-4
91	CC1	1.2658	1.0675	-0.1706	1.54E-3	-8.23E-4	7.38E-5
	CC2	1.2228	1.1898	-0.1665	1.70E-3	-7.93E-4	1.47E-4
	CC3	1.4156	-1.1072	-0.2585	-1.55E-3	-9.81E-4	-1.27E-4
	CC4	1.3725	-0.9849	-0.2544	-1.39E-3	-9.50E-4	-5.32E-5
	CC5	-1.3796	0.9620	-0.2587	1.42E-3	9.34E-4	4.63E-5
	CC6	-1.4227	1.0843	-0.2546	1.58E-3	9.64E-4	1.20E-4
	CC7	-1.2299	-1.2127	-0.3467	-1.67E-3	7.76E-4	-1.54E-4
	CC8	-1.2729	-1.0904	-0.3426	-1.51E-3	8.07E-4	-8.07E-5
	CC9	0.1971	3.4771	-0.1018	4.99E-3	-4.75E-5	2.44E-4
	CC10	0.0902	3.7807	-0.0917	5.38E-3	2.87E-5	4.26E-4
	CC11	-0.5965	3.4454	-0.1283	4.96E-3	4.80E-4	2.35E-4
	CC12	-0.7034	3.7491	-0.1182	5.35E-3	5.56E-4	4.18E-4
	CC13	0.6963	-3.7720	-0.3950	-5.32E-3	-5.72E-4	-4.25E-4
	CC14	0.5894	-3.4683	-0.3849	-4.93E-3	-4.96E-4	-2.42E-4
	CC15	-0.0973	-3.8036	-0.4214	-5.35E-3	-4.51E-5	-4.33E-4
	CC16	-0.2042	-3.5000	-0.4113	-4.96E-3	3.11E-5	-2.50E-4
92	CC1	1.3128	1.0675	-0.1602	1.40E-3	-8.62E-4	7.48E-5
	CC2	1.3171	1.1898	-0.1583	1.55E-3	-8.64E-4	1.48E-4
	CC3	1.3346	-1.1072	-0.1906	-1.48E-3	-9.06E-4	-1.26E-4
	CC4	1.3390	-0.9849	-0.1887	-1.33E-3	-9.08E-4	-5.22E-5
	CC5	-1.3503	0.9619	-0.2281	1.30E-3	8.87E-4	4.74E-5
	CC6	-1.3460	1.0842	-0.2262	1.44E-3	8.84E-4	1.21E-4

	CC7	-1.3285	-1.2128	-0.2585	-1.58E-3	8.43E-4	-1.53E-4
	CC8	-1.3241	-1.0905	-0.2566	-1.44E-3	8.40E-4	-7.96E-5
	CC9	0.3519	3.4770	-0.1499	4.61E-3	-1.96E-4	2.45E-4
	CC10	0.3628	3.7807	-0.1452	4.98E-3	-2.03E-4	4.27E-4
	CC11	-0.4470	3.4454	-0.1702	4.58E-3	3.28E-4	2.36E-4
	CC12	-0.4362	3.7490	-0.1656	4.95E-3	3.22E-4	4.19E-4
	CC13	0.4248	-3.7720	-0.2512	-4.98E-3	-3.43E-4	-4.24E-4
	CC14	0.4357	-3.4683	-0.2466	-4.62E-3	-3.50E-4	-2.41E-4
	CC15	-0.3741	-3.8037	-0.2716	-5.01E-3	1.81E-4	-4.32E-4
	CC16	-0.3633	-3.5000	-0.2669	-4.65E-3	1.75E-4	-2.49E-4
93	CC1	1.3356	1.0675	-0.2512	1.49E-3	-9.31E-4	7.49E-5
	CC2	1.3611	1.1897	-0.2599	1.64E-3	-9.49E-4	1.48E-4
	CC3	1.2980	-1.1073	-0.0815	-1.54E-3	-8.58E-4	-1.26E-4
	CC4	1.3235	-0.9850	-0.0902	-1.38E-3	-8.75E-4	-5.21E-5
	CC5	-1.3354	0.9619	-0.3347	1.38E-3	8.71E-4	4.74E-5
	CC6	-1.3099	1.0842	-0.3434	1.53E-3	8.53E-4	1.21E-4
	CC7	-1.3730	-1.2128	-0.1650	-1.65E-3	9.44E-4	-1.53E-4
	CC8	-1.3474	-1.0905	-0.1737	-1.49E-3	9.26E-4	-7.96E-5
	CC9	0.4257	3.4770	-0.4719	4.86E-3	-3.73E-4	2.45E-4
	CC10	0.4891	3.7807	-0.4935	5.25E-3	-4.17E-4	4.27E-4
	CC11	-0.3756	3.4453	-0.4969	4.83E-3	1.67E-4	2.36E-4
	CC12	-0.3122	3.7490	-0.5186	5.21E-3	1.23E-4	4.19E-4
	CC13	0.3004	-3.7721	0.0937	-5.22E-3	-1.28E-4	-4.24E-4
	CC14	0.3638	-3.4684	0.0721	-4.84E-3	-1.72E-4	-2.41E-4
	CC15	-0.5009	-3.8037	0.0686	-5.25E-3	4.13E-4	-4.32E-4
	CC16	-0.4375	-3.5001	0.0470	-4.87E-3	3.68E-4	-2.49E-4
94	CC1	1.2659	1.0423	-0.1742	1.12E-3	-7.99E-4	7.31E-5
	CC2	1.2229	1.1379	-0.1691	1.21E-3	-7.70E-4	1.47E-4
	CC3	1.4157	-1.0604	-0.2910	-1.09E-3	-9.26E-4	-1.27E-4
	CC4	1.3726	-0.9648	-0.2860	-1.00E-3	-8.98E-4	-5.38E-5
	CC5	-1.3795	0.9458	-0.2291	1.04E-3	8.84E-4	4.57E-5
	CC6	-1.4226	1.0414	-0.2241	1.13E-3	9.13E-4	1.19E-4
	CC7	-1.2298	-1.1570	-0.3460	-1.17E-3	7.57E-4	-1.55E-4
	CC8	-1.2728	-1.0614	-0.3409	-1.08E-3	7.85E-4	-8.13E-5
	CC9	0.1972	3.3909	-0.0609	3.60E-3	-8.19E-5	2.43E-4
	CC10	0.0903	3.6283	-0.0483	3.83E-3	-1.08E-5	4.25E-4
	CC11	-0.5964	3.3619	-0.0774	3.57E-3	4.23E-4	2.35E-4
	CC12	-0.7033	3.5993	-0.0648	3.80E-3	4.94E-4	4.17E-4
	CC13	0.6964	-3.6184	-0.4503	-3.77E-3	-5.07E-4	-4.25E-4
	CC14	0.5895	-3.3810	-0.4377	-3.54E-3	-4.36E-4	-2.43E-4
	CC15	-0.0972	-3.6474	-0.4668	-3.79E-3	-2.40E-6	-4.34E-4
	CC16	-0.2041	-3.4099	-0.4542	-3.56E-3	6.87E-5	-2.51E-4
95	CC1	1.3129	1.0424	-0.2086	6.94E-4	-8.40E-4	7.41E-5
	CC2	1.3173	1.1380	-0.2061	7.57E-4	-8.43E-4	1.48E-4
	CC3	1.3348	-1.0604	-0.2630	-7.65E-4	-8.60E-4	-1.26E-4
	CC4	1.3391	-0.9648	-0.2606	-7.02E-4	-8.64E-4	-5.29E-5
	CC5	-1.3502	0.9458	-0.1690	6.12E-4	8.53E-4	4.66E-5
	CC6	-1.3458	1.0414	-0.1665	6.75E-4	8.50E-4	1.20E-4
	CC7	-1.3283	-1.1570	-0.2235	-8.47E-4	8.33E-4	-1.54E-4
	CC8	-1.3240	-1.0614	-0.2210	-7.84E-4	8.29E-4	-8.04E-5
	CC9	0.3521	3.3909	-0.1330	2.32E-3	-2.21E-4	2.44E-4
	CC10	0.3629	3.6283	-0.1268	2.48E-3	-2.29E-4	4.26E-4
	CC11	-0.4469	3.3619	-0.1211	2.30E-3	2.87E-4	2.36E-4
	CC12	-0.4360	3.5993	-0.1150	2.45E-3	2.79E-4	4.18E-4
	CC13	0.4250	-3.6184	-0.3146	-2.54E-3	-2.89E-4	-4.24E-4
	CC14	0.4358	-3.3809	-0.3084	-2.39E-3	-2.98E-4	-2.42E-4
	CC15	-0.3740	-3.6473	-0.3027	-2.57E-3	2.18E-4	-4.33E-4
	CC16	-0.3631	-3.4099	-0.2966	-2.41E-3	2.10E-4	-2.50E-4
96	CC1	1.3356	1.0424	-0.3377	1.03E-3	-8.66E-4	7.40E-5
	CC2	1.3611	1.1380	-0.3475	1.11E-3	-8.82E-4	1.48E-4
	CC3	1.2980	-1.0604	-0.1155	-1.05E-3	-8.46E-4	-1.26E-4
	CC4	1.3236	-0.9648	-0.1253	-9.61E-4	-8.61E-4	-5.30E-5
	CC5	-1.3354	0.9458	-0.2970	9.46E-4	8.55E-4	4.66E-5
	CC6	-1.3098	1.0414	-0.3068	1.04E-3	8.39E-4	1.20E-4
	CC7	-1.3729	-1.1570	-0.0748	-1.13E-3	8.75E-4	-1.54E-4
	CC8	-1.3474	-1.0614	-0.0846	-1.04E-3	8.60E-4	-8.04E-5
	CC9	0.4257	3.3909	-0.5754	3.35E-3	-2.77E-4	2.44E-4
	CC10	0.4891	3.6283	-0.5998	3.57E-3	-3.15E-4	4.26E-4
	CC11	-0.3756	3.3619	-0.5632	3.33E-3	2.39E-4	2.36E-4
	CC12	-0.3122	3.5993	-0.5876	3.55E-3	2.02E-4	4.18E-4
	CC13	0.3004	-3.6184	0.1653	-3.56E-3	-2.08E-4	-4.25E-4
	CC14	0.3638	-3.3809	0.1409	-3.34E-3	-2.46E-4	-2.42E-4

	CC15	-0.5009	-3.6473	0.1775	-3.59E-3	3.08E-4	-4.33E-4
	CC16	-0.4375	-3.4099	0.1531	-3.37E-3	2.70E-4	-2.50E-4
97	CC1	1.2660	1.0164	-0.2014	1.45E-3	-8.06E-4	7.26E-5
	CC2	1.2230	1.0854	-0.1985	1.54E-3	-7.79E-4	1.46E-4
	CC3	1.4158	-1.0144	-0.2811	-1.41E-3	-8.94E-4	-1.28E-4
	CC4	1.3727	-0.9455	-0.2782	-1.32E-3	-8.67E-4	-5.44E-5
	CC5	-1.3794	0.9288	-0.2340	1.36E-3	8.54E-4	4.51E-5
	CC6	-1.4224	0.9977	-0.2311	1.45E-3	8.81E-4	1.19E-4
	CC7	-1.2296	-1.1021	-0.3137	-1.50E-3	7.66E-4	-1.55E-4
	CC8	-1.2727	-1.0331	-0.3108	-1.40E-3	7.93E-4	-8.19E-5
	CC9	0.1974	3.3039	-0.1220	4.68E-3	-1.42E-4	2.42E-4
	CC10	0.0905	3.4751	-0.1148	4.91E-3	-7.44E-5	4.25E-4
	CC11	-0.5963	3.2776	-0.1318	4.66E-3	3.56E-4	2.34E-4
	CC12	-0.7032	3.4488	-0.1246	4.89E-3	4.24E-4	4.17E-4
	CC13	0.6965	-3.4655	-0.3877	-4.84E-3	-4.36E-4	-4.26E-4
	CC14	0.5896	-3.2943	-0.3804	-4.62E-3	-3.69E-4	-2.43E-4
	CC15	-0.0971	-3.4918	-0.3975	-4.87E-3	6.15E-5	-4.34E-4
	CC16	-0.2040	-3.3206	-0.3902	-4.64E-3	1.29E-4	-2.52E-4
98	CC1	1.3130	1.0164	-0.2071	1.32E-3	-8.36E-4	7.38E-5
	CC2	1.3174	1.0853	-0.2060	1.40E-3	-8.41E-4	1.47E-4
	CC3	1.3349	-1.0144	-0.2389	-1.35E-3	-8.38E-4	-1.27E-4
	CC4	1.3393	-0.9455	-0.2377	-1.26E-3	-8.43E-4	-5.32E-5
	CC5	-1.3501	0.9287	-0.1779	1.24E-3	8.43E-4	4.63E-5
	CC6	-1.3457	0.9977	-0.1767	1.32E-3	8.39E-4	1.20E-4
	CC7	-1.3282	-1.1021	-0.2096	-1.43E-3	8.41E-4	-1.54E-4
	CC8	-1.3238	-1.0332	-0.2085	-1.34E-3	8.37E-4	-8.07E-5
	CC9	0.3522	3.3039	-0.1607	4.33E-3	-2.43E-4	2.44E-4
	CC10	0.3630	3.4751	-0.1578	4.55E-3	-2.54E-4	4.26E-4
	CC11	-0.4467	3.2776	-0.1519	4.31E-3	2.61E-4	2.35E-4
	CC12	-0.4359	3.4488	-0.1491	4.52E-3	2.50E-4	4.18E-4
	CC13	0.4251	-3.4656	-0.2665	-4.54E-3	-2.50E-4	-4.25E-4
	CC14	0.4359	-3.2944	-0.2637	-4.33E-3	-2.60E-4	-2.42E-4
	CC15	-0.3738	-3.4919	-0.2577	-4.57E-3	2.54E-4	-4.33E-4
	CC16	-0.3630	-3.3207	-0.2549	-4.36E-3	2.43E-4	-2.50E-4
99	CC1	1.3357	1.0163	-0.3041	1.40E-3	-8.20E-4	7.37E-5
	CC2	1.3612	1.0853	-0.3096	1.49E-3	-8.33E-4	1.47E-4
	CC3	1.2981	-1.0145	-0.1519	-1.40E-3	-8.69E-4	-1.27E-4
	CC4	1.3236	-0.9456	-0.1575	-1.31E-3	-8.82E-4	-5.33E-5
	CC5	-1.3353	0.9287	-0.2669	1.31E-3	8.71E-4	4.62E-5
	CC6	-1.3098	0.9976	-0.2725	1.41E-3	8.59E-4	1.20E-4
	CC7	-1.3729	-1.1021	-0.1148	-1.48E-3	8.22E-4	-1.54E-4
	CC8	-1.3474	-1.0332	-0.1204	-1.39E-3	8.10E-4	-8.08E-5
	CC9	0.4257	3.3038	-0.4644	4.57E-3	-1.62E-4	2.43E-4
	CC10	0.4891	3.4750	-0.4783	4.79E-3	-1.93E-4	4.26E-4
	CC11	-0.3756	3.2775	-0.4533	4.54E-3	3.46E-4	2.35E-4
	CC12	-0.3122	3.4487	-0.4671	4.77E-3	3.14E-4	4.18E-4
	CC13	0.3004	-3.4656	0.0427	-4.76E-3	-3.25E-4	-4.25E-4
	CC14	0.3638	-3.2944	0.0288	-4.53E-3	-3.56E-4	-2.42E-4
	CC15	-0.5008	-3.4919	0.0538	-4.78E-3	1.83E-4	-4.33E-4
	CC16	-0.4375	-3.3207	0.0399	-4.56E-3	1.51E-4	-2.51E-4
100	CC1	1.2662	0.9912	-0.2169	1.41E-3	-7.87E-4	6.94E-5
	CC2	1.2231	1.0327	-0.2158	1.47E-3	-7.58E-4	1.43E-4
	CC3	1.4159	-0.9657	-0.2739	-1.35E-3	-9.02E-4	-1.31E-4
	CC4	1.3729	-0.9242	-0.2727	-1.29E-3	-8.74E-4	-5.76E-5
	CC5	-1.3793	0.9127	-0.2386	1.34E-3	8.61E-4	4.19E-5
	CC6	-1.4223	0.9542	-0.2375	1.40E-3	8.90E-4	1.15E-4
	CC7	-1.2295	-1.0442	-0.2956	-1.42E-3	7.46E-4	-1.59E-4
	CC8	-1.2726	-1.0027	-0.2944	-1.36E-3	7.74E-4	-8.51E-5
	CC9	0.1975	3.2160	-0.1589	4.57E-3	-9.61E-5	2.39E-4
	CC10	0.0906	3.3191	-0.1561	4.72E-3	-2.57E-5	4.22E-4
	CC11	-0.5961	3.1924	-0.1654	4.55E-3	3.98E-4	2.31E-4
	CC12	-0.7030	3.2955	-0.1626	4.70E-3	4.69E-4	4.13E-4
	CC13	0.6967	-3.3070	-0.3487	-4.65E-3	-4.81E-4	-4.29E-4
	CC14	0.5898	-3.2039	-0.3459	-4.50E-3	-4.11E-4	-2.47E-4
	CC15	-0.0970	-3.3305	-0.3552	-4.67E-3	1.34E-5	-4.37E-4
	CC16	-0.2039	-3.2274	-0.3524	-4.52E-3	8.37E-5	-2.55E-4
101	CC1	1.3131	0.9912	-0.2122	1.31E-3	-8.27E-4	7.20E-5
	CC2	1.3175	1.0327	-0.2116	1.37E-3	-8.31E-4	1.45E-4
	CC3	1.3350	-0.9657	-0.2401	-1.30E-3	-8.48E-4	-1.29E-4
	CC4	1.3394	-0.9242	-0.2395	-1.25E-3	-8.52E-4	-5.50E-5
	CC5	-1.3500	0.9127	-0.1713	1.25E-3	8.45E-4	4.45E-5
	CC6	-1.3456	0.9542	-0.1707	1.30E-3	8.41E-4	1.18E-4

	CC7	-1.3281	-1.0442	-0.1992	-1.37E-3	8.24E-4	-1.56E-4
	CC8	-1.3237	-1.0027	-0.1986	-1.31E-3	8.21E-4	-8.25E-5
	CC9	0.3523	3.2159	-0.1658	4.30E-3	-2.15E-4	2.42E-4
	CC10	0.3631	3.3190	-0.1643	4.44E-3	-2.24E-4	4.24E-4
	CC11	-0.4466	3.1924	-0.1535	4.28E-3	2.86E-4	2.34E-4
	CC12	-0.4358	3.2955	-0.1520	4.42E-3	2.78E-4	4.16E-4
	CC13	0.4252	-3.3070	-0.2587	-4.42E-3	-2.85E-4	-4.27E-4
	CC14	0.4360	-3.2039	-0.2572	-4.28E-3	-2.93E-4	-2.44E-4
	CC15	-0.3737	-3.3305	-0.2465	-4.44E-3	2.17E-4	-4.35E-4
	CC16	-0.3629	-3.2274	-0.2450	-4.30E-3	2.09E-4	-2.52E-4
102	CC1	1.3357	0.9911	-0.2941	1.38E-3	-8.30E-4	7.12E-5
	CC2	1.3612	1.0326	-0.2965	1.44E-3	-8.45E-4	1.45E-4
	CC3	1.2981	-0.9658	-0.1802	-1.34E-3	-8.40E-4	-1.29E-4
	CC4	1.3236	-0.9243	-0.1827	-1.28E-3	-8.54E-4	-5.58E-5
	CC5	-1.3353	0.9126	-0.2437	1.31E-3	8.45E-4	4.37E-5
	CC6	-1.3098	0.9542	-0.2462	1.37E-3	8.30E-4	1.17E-4
	CC7	-1.3729	-1.0442	-0.1299	-1.41E-3	8.35E-4	-1.57E-4
	CC8	-1.3473	-1.0027	-0.1323	-1.35E-3	8.21E-4	-8.33E-5
	CC9	0.4258	3.2159	-0.4074	4.48E-3	-2.22E-4	2.41E-4
	CC10	0.4892	3.3190	-0.4135	4.62E-3	-2.58E-4	4.23E-4
	CC11	-0.3755	3.1923	-0.3923	4.46E-3	2.80E-4	2.33E-4
	CC12	-0.3121	3.2954	-0.3984	4.60E-3	2.44E-4	4.15E-4
	CC13	0.3005	-3.3071	-0.0280	-4.58E-3	-2.54E-4	-4.27E-4
	CC14	0.3639	-3.2040	-0.0341	-4.43E-3	-2.90E-4	-2.45E-4
	CC15	-0.5008	-3.3306	-0.0128	-4.60E-3	2.49E-4	-4.36E-4
	CC16	-0.4374	-3.2275	-0.0189	-4.45E-3	2.13E-4	-2.53E-4
103	CC1	1.2663	0.9674	-0.2057	1.32E-3	-7.70E-4	6.72E-5
	CC2	1.2232	0.9815	-0.2057	1.35E-3	-7.41E-4	1.41E-4
	CC3	1.4160	-0.9156	-0.2545	-1.32E-3	-8.99E-4	-1.33E-4
	CC4	1.3730	-0.9015	-0.2545	-1.29E-3	-8.70E-4	-5.98E-5
	CC5	-1.3791	0.8980	-0.2597	1.35E-3	8.53E-4	3.98E-5
	CC6	-1.4222	0.9121	-0.2597	1.38E-3	8.82E-4	1.13E-4
	CC7	-1.2294	-0.9849	-0.3085	-1.29E-3	7.24E-4	-1.61E-4
	CC8	-1.2724	-0.9708	-0.3085	-1.26E-3	7.53E-4	-8.72E-5
	CC9	0.1976	3.1294	-0.1677	4.39E-3	-7.24E-5	2.37E-4
	CC10	0.0907	3.1644	-0.1677	4.46E-3	-7.36E-7	4.20E-4
	CC11	-0.5960	3.1086	-0.1839	4.40E-3	4.15E-4	2.29E-4
	CC12	-0.7029	3.1436	-0.1839	4.47E-3	4.86E-4	4.11E-4
	CC13	0.6968	-3.1470	-0.3303	-4.41E-3	-5.03E-4	-4.31E-4
	CC14	0.5899	-3.1120	-0.3303	-4.34E-3	-4.31E-4	-2.49E-4
	CC15	-0.0969	-3.1678	-0.3465	-4.40E-3	-1.59E-5	-4.40E-4
	CC16	-0.2038	-3.1328	-0.3465	-4.33E-3	5.58E-5	-2.57E-4
104	CC1	1.3132	0.9674	-0.2218	1.27E-3	-8.20E-4	7.06E-5
	CC2	1.3176	0.9814	-0.2214	1.29E-3	-8.24E-4	1.44E-4
	CC3	1.3351	-0.9156	-0.2528	-1.24E-3	-8.49E-4	-1.30E-4
	CC4	1.3394	-0.9015	-0.2525	-1.21E-3	-8.52E-4	-5.64E-5
	CC5	-1.3499	0.8980	-0.1599	1.23E-3	8.37E-4	4.32E-5
	CC6	-1.3455	0.9121	-0.1596	1.25E-3	8.34E-4	1.17E-4
	CC7	-1.3280	-0.9849	-0.1910	-1.28E-3	8.09E-4	-1.57E-4
	CC8	-1.3237	-0.9708	-0.1907	-1.25E-3	8.05E-4	-8.38E-5
	CC9	0.3524	3.1294	-0.1641	4.16E-3	-2.04E-4	2.40E-4
	CC10	0.3632	3.1644	-0.1633	4.22E-3	-2.12E-4	4.23E-4
	CC11	-0.4465	3.1086	-0.1456	4.15E-3	2.93E-4	2.32E-4
	CC12	-0.4357	3.1436	-0.1447	4.21E-3	2.85E-4	4.15E-4
	CC13	0.4253	-3.1471	-0.2677	-4.19E-3	-3.00E-4	-4.28E-4
	CC14	0.4361	-3.1121	-0.2668	-4.13E-3	-3.08E-4	-2.45E-4
	CC15	-0.3736	-3.1679	-0.2491	-4.21E-3	1.97E-4	-4.36E-4
	CC16	-0.3628	-3.1329	-0.2483	-4.14E-3	1.89E-4	-2.54E-4
105	CC1	1.3357	0.9673	-0.3067	1.33E-3	-8.17E-4	6.92E-5
	CC2	1.3613	0.9814	-0.3070	1.36E-3	-8.32E-4	1.43E-4
	CC3	1.2982	-0.9156	-0.2131	-1.26E-3	-8.27E-4	-1.31E-4
	CC4	1.3237	-0.9016	-0.2134	-1.24E-3	-8.42E-4	-5.78E-5
	CC5	-1.3352	0.8980	-0.2197	1.28E-3	8.24E-4	4.17E-5
	CC6	-1.3097	0.9120	-0.2200	1.31E-3	8.09E-4	1.15E-4
	CC7	-1.3728	-0.9850	-0.1261	-1.31E-3	8.14E-4	-1.59E-4
	CC8	-1.3473	-0.9709	-0.1264	-1.29E-3	7.99E-4	-8.53E-5
	CC9	0.4258	3.1293	-0.3852	4.32E-3	-2.19E-4	2.39E-4
	CC10	0.4892	3.1643	-0.3860	4.39E-3	-2.57E-4	4.22E-4
	CC11	-0.3755	3.1085	-0.3591	4.31E-3	2.73E-4	2.31E-4
	CC12	-0.3121	3.1435	-0.3599	4.37E-3	2.35E-4	4.13E-4
	CC13	0.3005	-3.1471	-0.0732	-4.33E-3	-2.53E-4	-4.29E-4
	CC14	0.3639	-3.1121	-0.0740	-4.26E-3	-2.91E-4	-2.47E-4

	CC15	-0.5008	-3.1679	-0.0471	-4.34E-3	2.39E-4	-4.38E-4
	CC16	-0.4374	-3.1329	-0.0479	-4.28E-3	2.01E-4	-2.55E-4
106	CC1	1.2664	0.9450	-0.2817	1.22E-3	-8.09E-4	6.60E-5
	CC2	1.2233	0.9324	-0.2823	1.21E-3	-7.81E-4	1.40E-4
	CC3	1.4161	-0.8660	-0.3302	-1.29E-3	-9.49E-4	-1.34E-4
	CC4	1.3731	-0.8786	-0.3309	-1.30E-3	-9.21E-4	-6.10E-5
	CC5	-1.3791	0.8845	-0.1980	1.36E-3	8.71E-4	3.86E-5
	CC6	-1.4221	0.8719	-0.1987	1.35E-3	9.00E-4	1.12E-4
	CC7	-1.2293	-0.9265	-0.2466	-1.15E-3	7.31E-4	-1.62E-4
	CC8	-1.2724	-0.9391	-0.2473	-1.16E-3	7.60E-4	-8.84E-5
	CC9	0.1977	3.0460	-0.1952	4.19E-3	-7.93E-5	2.36E-4
	CC10	0.0908	3.0148	-0.1968	4.17E-3	-8.11E-6	4.18E-4
	CC11	-0.5960	3.0279	-0.1702	4.24E-3	4.25E-4	2.28E-4
	CC12	-0.7029	2.9966	-0.1717	4.22E-3	4.96E-4	4.10E-4
	CC13	0.6968	-2.9907	-0.3572	-4.16E-3	-5.46E-4	-4.33E-4
	CC14	0.5899	-3.0219	-0.3588	-4.18E-3	-4.75E-4	-2.50E-4
	CC15	-0.0968	-3.0088	-0.3321	-4.11E-3	-4.17E-5	-4.41E-4
	CC16	-0.2037	-3.0401	-0.3337	-4.13E-3	2.95E-5	-2.58E-4
107	CC1	1.3134	0.9450	-0.2388	1.23E-3	-8.32E-4	7.02E-5
	CC2	1.3179	0.9324	-0.2387	1.23E-3	-8.35E-4	1.44E-4
	CC3	1.3348	-0.8660	-0.2722	-1.18E-3	-8.56E-4	-1.30E-4
	CC4	1.3393	-0.8786	-0.2720	-1.18E-3	-8.59E-4	-5.68E-5
	CC5	-1.3498	0.8845	-0.1575	1.20E-3	8.08E-4	4.27E-5
	CC6	-1.3452	0.8719	-0.1574	1.19E-3	8.05E-4	1.16E-4
	CC7	-1.3284	-0.9265	-0.1909	-1.21E-3	7.84E-4	-1.58E-4
	CC8	-1.3238	-0.9391	-0.1907	-1.22E-3	7.80E-4	-8.43E-5
	CC9	0.3530	3.0460	-0.1716	4.04E-3	-2.27E-4	2.40E-4
	CC10	0.3642	3.0147	-0.1712	4.02E-3	-2.36E-4	4.23E-4
	CC11	-0.4460	3.0278	-0.1472	4.03E-3	2.65E-4	2.32E-4
	CC12	-0.4347	2.9966	-0.1468	4.01E-3	2.56E-4	4.14E-4
	CC13	0.4243	-2.9907	-0.2827	-4.00E-3	-3.08E-4	-4.28E-4
	CC14	0.4355	-3.0220	-0.2824	-4.01E-3	-3.16E-4	-2.46E-4
	CC15	-0.3747	-3.0089	-0.2583	-4.01E-3	1.84E-4	-4.37E-4
	CC16	-0.3634	-3.0401	-0.2580	-4.02E-3	1.76E-4	-2.54E-4
108	CC1	1.3358	0.9456	-0.1957	1.23E-3	-7.90E-4	6.85E-5
	CC2	1.3613	0.9338	-0.1945	1.23E-3	-8.05E-4	1.42E-4
	CC3	1.2982	-0.8673	-0.1358	-1.19E-3	-8.38E-4	-1.32E-4
	CC4	1.3238	-0.8791	-0.1346	-1.20E-3	-8.54E-4	-5.85E-5
	CC5	-1.3352	0.8849	-0.3211	1.25E-3	7.91E-4	4.10E-5
	CC6	-1.3096	0.8730	-0.3199	1.25E-3	7.76E-4	1.15E-4
	CC7	-1.3727	-0.9280	-0.2612	-1.17E-3	7.43E-4	-1.59E-4
	CC8	-1.3472	-0.9399	-0.2600	-1.18E-3	7.28E-4	-8.59E-5
	CC9	0.4259	3.0483	-0.3103	4.08E-3	-1.69E-4	2.38E-4
	CC10	0.4893	3.0188	-0.3073	4.06E-3	-2.07E-4	4.21E-4
	CC11	-0.3754	3.0300	-0.3479	4.08E-3	3.05E-4	2.30E-4
	CC12	-0.3120	3.0005	-0.3449	4.07E-3	2.68E-4	4.13E-4
	CC13	0.3006	-2.9948	-0.1108	-4.01E-3	-3.30E-4	-4.30E-4
	CC14	0.3640	-3.0243	-0.1078	-4.02E-3	-3.68E-4	-2.47E-4
	CC15	-0.5007	-3.0130	-0.1484	-4.01E-3	1.44E-4	-4.38E-4
	CC16	-0.4373	-3.0425	-0.1454	-4.02E-3	1.07E-4	-2.56E-4
109	CC1	1.2664	0.9218	-0.2965	8.72E-4	-7.67E-4	7.47E-5
	CC2	1.2234	0.8825	-0.2980	8.26E-4	-7.38E-4	1.48E-4
	CC3	1.4162	-0.8173	-0.3531	-1.42E-3	-9.28E-4	-1.26E-4
	CC4	1.3731	-0.8565	-0.3546	-1.47E-3	-8.99E-4	-5.23E-5
	CC5	-1.3790	0.8701	-0.2184	1.50E-3	8.38E-4	4.72E-5
	CC6	-1.4221	0.8308	-0.2199	1.45E-3	8.67E-4	1.21E-4
	CC7	-1.2293	-0.8690	-0.2750	-7.94E-4	6.77E-4	-1.53E-4
	CC8	-1.2723	-0.9083	-0.2764	-8.41E-4	7.06E-4	-7.98E-5
	CC9	0.1977	2.9617	-0.2021	3.80E-3	-3.90E-5	2.44E-4
	CC10	0.0908	2.8643	-0.2058	3.69E-3	3.22E-5	4.27E-4
	CC11	-0.5959	2.9462	-0.1787	3.99E-3	4.43E-4	2.36E-4
	CC12	-0.7028	2.8487	-0.1824	3.87E-3	5.14E-4	4.19E-4
	CC13	0.6969	-2.8352	-0.3906	-3.84E-3	-5.74E-4	-4.24E-4
	CC14	0.5900	-2.9327	-0.3943	-3.96E-3	-5.03E-4	-2.41E-4
	CC15	-0.0967	-2.8507	-0.3672	-3.65E-3	-9.30E-5	-4.32E-4
	CC16	-0.2036	-2.9482	-0.3708	-3.77E-3	-2.18E-5	-2.50E-4
110	CC1	1.3133	0.9221	-0.2785	1.16E-3	-8.56E-4	7.52E-5
	CC2	1.3177	0.8829	-0.2785	1.13E-3	-8.59E-4	1.49E-4
	CC3	1.3352	-0.8170	-0.3189	-1.17E-3	-8.89E-4	-1.25E-4
	CC4	1.3396	-0.8562	-0.3189	-1.21E-3	-8.93E-4	-5.18E-5
	CC5	-1.3498	0.8704	-0.1654	1.20E-3	8.03E-4	4.77E-5
	CC6	-1.3454	0.8312	-0.1655	1.16E-3	7.99E-4	1.21E-4

	CC7	-1.3279	-0.8687	-0.2058	-1.14E-3	7.69E-4	-1.53E-4
	CC8	-1.3235	-0.9079	-0.2059	-1.17E-3	7.66E-4	-7.93E-5
	CC9	0.3525	2.9621	-0.1917	3.92E-3	-2.34E-4	2.45E-4
	CC10	0.3633	2.8646	-0.1919	3.83E-3	-2.42E-4	4.27E-4
	CC11	-0.4464	2.9466	-0.1578	3.93E-3	2.64E-4	2.37E-4
	CC12	-0.4356	2.8491	-0.1580	3.84E-3	2.55E-4	4.19E-4
	CC13	0.4254	-2.8349	-0.3264	-3.85E-3	-3.45E-4	-4.23E-4
	CC14	0.4362	-2.9324	-0.3265	-3.94E-3	-3.54E-4	-2.41E-4
	CC15	-0.3735	-2.8504	-0.2924	-3.84E-3	1.52E-4	-4.32E-4
	CC16	-0.3627	-2.9479	-0.2926	-3.93E-3	1.44E-4	-2.49E-4
111	CC1	1.3361	0.9224	-0.1424	6.40E-4	-9.24E-4	7.34E-5
	CC2	1.3616	0.8831	-0.1394	6.10E-4	-9.42E-4	1.47E-4
	CC3	1.2985	-0.8167	-0.1488	-7.30E-4	-8.68E-4	-1.27E-4
	CC4	1.3240	-0.8560	-0.1459	-7.60E-4	-8.86E-4	-5.36E-5
	CC5	-1.3349	0.8707	-0.3719	9.23E-4	8.16E-4	4.59E-5
	CC6	-1.3094	0.8314	-0.3690	8.93E-4	7.98E-4	1.19E-4
	CC7	-1.3725	-0.8684	-0.3784	-4.47E-4	8.72E-4	-1.55E-4
	CC8	-1.3470	-0.9077	-0.3755	-4.77E-4	8.54E-4	-8.11E-5
	CC9	0.4262	2.9623	-0.2173	2.36E-3	-3.67E-4	2.43E-4
	CC10	0.4895	2.8649	-0.2100	2.28E-3	-4.11E-4	4.26E-4
	CC11	-0.3751	2.9468	-0.2862	2.44E-3	1.55E-4	2.35E-4
	CC12	-0.3118	2.8493	-0.2789	2.37E-3	1.11E-4	4.17E-4
	CC13	0.3009	-2.8346	-0.2390	-2.21E-3	-1.81E-4	-4.25E-4
	CC14	0.3643	-2.9321	-0.2317	-2.28E-3	-2.25E-4	-2.43E-4
	CC15	-0.5004	-2.8501	-0.3078	-2.12E-3	3.41E-4	-4.33E-4
	CC16	-0.4370	-2.9476	-0.3005	-2.20E-3	2.97E-4	-2.51E-4
112	CC1	1.3598	0.9252	-0.1453	1.04E-3	-1.76E-3	7.68E-5
	CC2	1.4105	0.8891	-0.1329	1.00E-3	-1.83E-3	1.50E-4
	CC3	1.2536	-0.8222	0.0514	-1.07E-3	-1.57E-3	-1.24E-4
	CC4	1.3043	-0.8584	0.0638	-1.10E-3	-1.64E-3	-5.02E-5
	CC5	-1.3205	0.8725	-0.6535	1.17E-3	1.62E-3	4.94E-5
	CC6	-1.2698	0.8363	-0.6411	1.14E-3	1.55E-3	1.23E-4
	CC7	-1.4268	-0.8750	-0.4568	-9.37E-4	1.81E-3	-1.51E-4
	CC8	-1.3761	-0.9111	-0.4444	-9.72E-4	1.74E-3	-7.76E-5
	CC9	0.5080	2.9723	-0.5619	3.57E-3	-7.50E-4	2.47E-4
	CC10	0.6340	2.8825	-0.5310	3.48E-3	-9.23E-4	4.29E-4
	CC11	-0.2961	2.9564	-0.7144	3.61E-3	2.65E-4	2.38E-4
	CC12	-0.1702	2.8667	-0.6834	3.52E-3	9.24E-5	4.21E-4
	CC13	0.1539	-2.8526	0.0937	-3.46E-3	-1.12E-4	-4.22E-4
	CC14	0.2798	-2.9424	0.1247	-3.54E-3	-2.84E-4	-2.39E-4
	CC15	-0.6502	-2.8684	-0.0587	-3.42E-3	9.04E-4	-4.30E-4
	CC16	-0.5243	-2.9582	-0.0278	-3.50E-3	7.31E-4	-2.47E-4
113	CC1	1.2668	0.8919	-0.2967	8.78E-4	-8.87E-4	8.57E-5
	CC2	1.2237	0.8252	-0.2996	8.24E-4	-8.58E-4	1.59E-4
	CC3	1.4165	-0.7733	-0.3822	-8.16E-4	-1.04E-3	-1.15E-4
	CC4	1.3735	-0.8399	-0.3851	-8.70E-4	-1.01E-3	-4.13E-5
	CC5	-1.3787	0.8491	-0.2316	9.24E-4	9.70E-4	5.83E-5
	CC6	-1.4217	0.7824	-0.2345	8.71E-4	9.99E-4	1.32E-4
	CC7	-1.2289	-0.8161	-0.3171	-7.69E-4	8.21E-4	-1.42E-4
	CC8	-1.2720	-0.8827	-0.3200	-8.23E-4	8.50E-4	-6.87E-5
	CC9	0.1981	2.8690	-0.1720	2.91E-3	-8.51E-5	2.55E-4
	CC10	0.0912	2.7035	-0.1792	2.78E-3	-1.25E-5	4.38E-4
	CC11	-0.5956	2.8562	-0.1525	2.92E-3	4.72E-4	2.47E-4
	CC12	-0.7025	2.6906	-0.1597	2.79E-3	5.45E-4	4.30E-4
	CC13	0.6972	-2.6815	-0.4570	-2.74E-3	-5.82E-4	-4.13E-4
	CC14	0.5903	-2.8470	-0.4642	-2.87E-3	-5.10E-4	-2.30E-4
	CC15	-0.0964	-2.6943	-0.4375	-2.72E-3	-2.50E-5	-4.21E-4
	CC16	-0.2033	-2.8599	-0.4447	-2.85E-3	4.76E-5	-2.39E-4
114	CC1	1.3135	0.8919	-0.2844	3.97E-4	-9.03E-4	8.19E-5
	CC2	1.3178	0.8252	-0.2859	3.63E-4	-9.08E-4	1.55E-4
	CC3	1.3353	-0.7733	-0.3436	-5.94E-4	-9.32E-4	-1.19E-4
	CC4	1.3397	-0.8399	-0.3451	-6.28E-4	-9.37E-4	-4.51E-5
	CC5	-1.3496	0.8491	-0.1966	5.56E-4	9.00E-4	5.44E-5
	CC6	-1.3453	0.7824	-0.1982	5.22E-4	8.95E-4	1.28E-4
	CC7	-1.3278	-0.8161	-0.2558	-4.35E-4	8.71E-4	-1.46E-4
	CC8	-1.3234	-0.8828	-0.2573	-4.68E-4	8.66E-4	-7.25E-5
	CC9	0.3526	2.8690	-0.1834	1.63E-3	-2.34E-4	2.52E-4
	CC10	0.3634	2.7034	-0.1873	1.55E-3	-2.46E-4	4.34E-4
	CC11	-0.4463	2.8562	-0.1571	1.68E-3	3.07E-4	2.43E-4
	CC12	-0.4355	2.6906	-0.1610	1.60E-3	2.95E-4	4.26E-4
	CC13	0.4255	-2.6815	-0.3807	-1.67E-3	-3.32E-4	-4.17E-4
	CC14	0.4363	-2.8471	-0.3846	-1.75E-3	-3.44E-4	-2.34E-4

	CC15	-0.3734	-2.6943	-0.3544	-1.62E-3	2.09E-4	-4.25E-4
	CC16	-0.3626	-2.8599	-0.3583	-1.71E-3	1.97E-4	-2.42E-4
115	CC1	1.3365	0.8919	-0.2002	4.41E-4	-8.48E-4	8.06E-5
	CC2	1.3620	0.8252	-0.1981	4.08E-4	-8.67E-4	1.54E-4
	CC3	1.2989	-0.7732	-0.1861	-4.66E-4	-8.36E-4	-1.20E-4
	CC4	1.3244	-0.8399	-0.1839	-4.99E-4	-8.54E-4	-4.64E-5
	CC5	-1.3345	0.8491	-0.3566	5.48E-4	8.64E-4	5.32E-5
	CC6	-1.3090	0.7824	-0.3544	5.15E-4	8.45E-4	1.27E-4
	CC7	-1.3721	-0.8160	-0.3424	-3.60E-4	8.77E-4	-1.47E-4
	CC8	-1.3466	-0.8827	-0.3403	-3.93E-4	8.58E-4	-7.38E-5
	CC9	0.4265	2.8691	-0.2729	1.56E-3	-2.50E-4	2.50E-4
	CC10	0.4899	2.7035	-0.2677	1.48E-3	-2.97E-4	4.33E-4
	CC11	-0.3748	2.8562	-0.3198	1.59E-3	2.64E-4	2.42E-4
	CC12	-0.3114	2.6906	-0.3146	1.51E-3	2.17E-4	4.25E-4
	CC13	0.3013	-2.6814	-0.2259	-1.46E-3	-2.07E-4	-4.18E-4
	CC14	0.3647	-2.8470	-0.2207	-1.55E-3	-2.54E-4	-2.35E-4
	CC15	-0.5000	-2.6943	-0.2728	-1.43E-3	3.07E-4	-4.26E-4
	CC16	-0.4366	-2.8599	-0.2676	-1.51E-3	2.60E-4	-2.44E-4
116	CC1	1.3602	0.8919	-0.2903	8.20E-4	-9.60E-4	8.01E-5
	CC2	1.4109	0.8252	-0.2819	7.70E-4	-9.93E-4	1.54E-4
	CC3	1.2540	-0.7733	-0.1162	-7.25E-4	-8.84E-4	-1.20E-4
	CC4	1.3047	-0.8400	-0.1078	-7.75E-4	-9.18E-4	-4.69E-5
	CC5	-1.3202	0.8491	-0.4487	7.97E-4	9.63E-4	5.26E-5
	CC6	-1.2695	0.7824	-0.4403	7.46E-4	9.29E-4	1.26E-4
	CC7	-1.4264	-0.8161	-0.2746	-7.48E-4	1.04E-3	-1.48E-4
	CC8	-1.3757	-0.8828	-0.2662	-7.99E-4	1.00E-3	-7.44E-5
	CC9	0.5084	2.8690	-0.5551	2.65E-3	-3.51E-4	2.50E-4
	CC10	0.6343	2.7034	-0.5343	2.53E-3	-4.34E-4	4.32E-4
	CC11	-0.2957	2.8562	-0.6027	2.64E-3	2.26E-4	2.42E-4
	CC12	-0.1698	2.6906	-0.5818	2.52E-3	1.43E-4	4.24E-4
	CC13	0.1543	-2.6815	0.0253	-2.50E-3	-9.76E-5	-4.18E-4
	CC14	0.2802	-2.8471	0.0461	-2.62E-3	-1.81E-4	-2.36E-4
	CC15	-0.6498	-2.6943	-0.0222	-2.50E-3	4.79E-4	-4.27E-4
	CC16	-0.5239	-2.8599	-0.0014	-2.63E-3	3.96E-4	-2.44E-4
117	CC1	1.2671	0.8614	-0.3739	1.34E-3	-9.71E-4	8.06E-5
	CC2	1.2240	0.7684	-0.3766	1.24E-3	-9.41E-4	1.54E-4
	CC3	1.4168	-0.7328	-0.4574	-8.79E-4	-1.13E-3	-1.20E-4
	CC4	1.3738	-0.8258	-0.4601	-9.79E-4	-1.10E-3	-4.64E-5
	CC5	-1.3783	0.8270	-0.1716	1.02E-3	1.05E-3	5.32E-5
	CC6	-1.4214	0.7340	-0.1744	9.24E-4	1.08E-3	1.27E-4
	CC7	-1.2286	-0.7672	-0.2551	-1.19E-3	8.89E-4	-1.47E-4
	CC8	-1.2716	-0.8602	-0.2578	-1.29E-3	9.19E-4	-7.38E-5
	CC9	0.1984	2.7782	-0.2036	3.89E-3	-9.95E-5	2.50E-4
	CC10	0.0915	2.5473	-0.2105	3.64E-3	-2.56E-5	4.33E-4
	CC11	-0.5952	2.7679	-0.1429	3.80E-3	5.06E-4	2.42E-4
	CC12	-0.7021	2.5369	-0.1498	3.55E-3	5.80E-4	4.25E-4
	CC13	0.6976	-2.5357	-0.4819	-3.50E-3	-6.33E-4	-4.18E-4
	CC14	0.5907	-2.7667	-0.4888	-3.75E-3	-5.59E-4	-2.35E-4
	CC15	-0.0960	-2.5461	-0.4212	-3.60E-3	-2.67E-5	-4.26E-4
	CC16	-0.2030	-2.7770	-0.4281	-3.85E-3	4.72E-5	-2.44E-4
118	CC1	1.3136	0.8611	-0.3146	1.03E-3	-1.02E-3	7.92E-5
	CC2	1.3180	0.7678	-0.3181	9.37E-4	-1.02E-3	1.53E-4
	CC3	1.3355	-0.7321	-0.3695	-1.00E-3	-1.03E-3	-1.21E-4
	CC4	1.3398	-0.8255	-0.3729	-1.10E-3	-1.04E-3	-4.77E-5
	CC5	-1.3495	0.8268	-0.1755	1.06E-3	1.00E-3	5.18E-5
	CC6	-1.3451	0.7334	-0.1790	9.63E-4	9.94E-4	1.25E-4
	CC7	-1.3276	-0.7665	-0.2304	-9.77E-4	9.83E-4	-1.49E-4
	CC8	-1.3233	-0.8598	-0.2339	-1.07E-3	9.77E-4	-7.52E-5
	CC9	0.3528	2.7771	-0.1993	3.49E-3	-2.86E-4	2.49E-4
	CC10	0.3636	2.5453	-0.2079	3.25E-3	-3.01E-4	4.32E-4
	CC11	-0.4462	2.7668	-0.1576	3.50E-3	3.19E-4	2.41E-4
	CC12	-0.4353	2.5350	-0.1662	3.26E-3	3.04E-4	4.23E-4
	CC13	0.4257	-2.5337	-0.3822	-3.30E-3	-3.43E-4	-4.19E-4
	CC14	0.4365	-2.7655	-0.3909	-3.53E-3	-3.58E-4	-2.37E-4
	CC15	-0.3733	-2.5440	-0.3405	-3.29E-3	2.61E-4	-4.28E-4
	CC16	-0.3624	-2.7758	-0.3491	-3.53E-3	2.47E-4	-2.45E-4
119	CC1	1.3368	0.8648	-0.3205	9.26E-4	-1.66E-3	7.88E-5
	CC2	1.3623	0.7749	-0.3221	8.41E-4	-1.69E-3	1.52E-4
	CC3	1.2992	-0.7377	-0.3342	-8.73E-4	-1.60E-3	-1.22E-4
	CC4	1.3247	-0.8276	-0.3357	-9.58E-4	-1.63E-3	-4.82E-5
	CC5	-1.3342	0.8294	-0.1963	1.02E-3	1.63E-3	5.13E-5
	CC6	-1.3087	0.7395	-0.1978	9.31E-4	1.60E-3	1.25E-4

	CC7	-1.3718	-0.7731	-0.2099	-7.83E-4	1.69E-3	-1.49E-4
	CC8	-1.3463	-0.8631	-0.2114	-8.67E-4	1.66E-3	-7.57E-5
	CC9	0.4268	2.7887	-0.2600	3.12E-3	-5.49E-4	2.49E-4
	CC10	0.4902	2.5654	-0.2638	2.91E-3	-6.33E-4	4.31E-4
	CC11	-0.3745	2.7781	-0.2227	3.15E-3	4.37E-4	2.40E-4
	CC12	-0.3111	2.5548	-0.2265	2.94E-3	3.54E-4	4.23E-4
	CC13	0.3016	-2.5530	-0.3055	-2.88E-3	-3.53E-4	-4.20E-4
	CC14	0.3649	-2.7763	-0.3092	-3.09E-3	-4.36E-4	-2.37E-4
	CC15	-0.4997	-2.5637	-0.2682	-2.85E-3	6.34E-4	-4.28E-4
	CC16	-0.4363	-2.7869	-0.2720	-3.06E-3	5.50E-4	-2.45E-4
120	CC1	1.3606	0.8619	-0.4315	6.31E-4	-1.18E-3	7.90E-5
	CC2	1.4113	0.7688	-0.4230	5.59E-4	-1.22E-3	1.52E-4
	CC3	1.2543	-0.7322	-0.2523	-7.54E-4	-1.09E-3	-1.22E-4
	CC4	1.3050	-0.8253	-0.2438	-8.26E-4	-1.13E-3	-4.80E-5
	CC5	-1.3198	0.8274	-0.2895	7.83E-4	1.17E-3	5.15E-5
	CC6	-1.2691	0.7344	-0.2810	7.11E-4	1.13E-3	1.25E-4
	CC7	-1.4260	-0.7667	-0.1103	-6.02E-4	1.26E-3	-1.49E-4
	CC8	-1.3753	-0.8597	-0.1018	-6.75E-4	1.22E-3	-7.55E-5
	CC9	0.5088	2.7786	-0.5971	2.35E-3	-4.32E-4	2.49E-4
	CC10	0.6347	2.5476	-0.5761	2.17E-3	-5.38E-4	4.31E-4
	CC11	-0.2953	2.7683	-0.5546	2.40E-3	2.72E-4	2.40E-4
	CC12	-0.1694	2.5372	-0.5335	2.22E-3	1.66E-4	4.23E-4
	CC13	0.1546	-2.5351	0.0002	-2.26E-3	-1.31E-4	-4.20E-4
	CC14	0.2806	-2.7661	0.0213	-2.44E-3	-2.37E-4	-2.37E-4
	CC15	-0.6495	-2.5454	0.0428	-2.22E-3	5.73E-4	-4.28E-4
	CC16	-0.5236	-2.7764	0.0638	-2.40E-3	4.67E-4	-2.45E-4
121	CC1	1.3368	0.8413	-0.4445	6.60E-4	-5.33E-4	7.45E-5
	CC2	1.3623	0.7283	-0.4483	5.89E-4	-5.37E-4	1.48E-4
	CC3	1.2992	-0.6989	-0.4490	-5.18E-4	-4.39E-4	-1.26E-4
	CC4	1.3248	-0.8119	-0.4528	-5.89E-4	-4.44E-4	-5.24E-5
	CC5	-1.3342	0.8130	-0.0860	6.63E-4	4.82E-4	4.71E-5
	CC6	-1.3086	0.7000	-0.0899	5.92E-4	4.77E-4	1.21E-4
	CC7	-1.3718	-0.7273	-0.0905	-5.15E-4	5.76E-4	-1.53E-4
	CC8	-1.3462	-0.8403	-0.0943	-5.86E-4	5.71E-4	-7.99E-5
	CC9	0.4269	2.7122	-0.3110	2.09E-3	-2.83E-4	2.44E-4
	CC10	0.4903	2.4316	-0.3205	1.91E-3	-2.95E-4	4.27E-4
	CC11	-0.3744	2.7037	-0.2035	2.09E-3	2.09E-5	2.36E-4
	CC12	-0.3110	2.4231	-0.2130	1.91E-3	9.38E-6	4.19E-4
	CC13	0.3016	-2.4221	-0.3259	-1.84E-3	2.87E-5	-4.24E-4
	CC14	0.3650	-2.7027	-0.3354	-2.02E-3	1.72E-5	-2.41E-4
	CC15	-0.4997	-2.4306	-0.2184	-1.84E-3	3.33E-4	-4.32E-4
	CC16	-0.4363	-2.7112	-0.2279	-2.01E-3	3.22E-4	-2.50E-4
122	CC1	1.3607	0.8413	-0.5443	5.98E-4	-6.53E-4	7.56E-5
	CC2	1.4114	0.7283	-0.5368	5.22E-4	-6.67E-4	1.49E-4
	CC3	1.2545	-0.6990	-0.3567	-6.30E-4	-6.09E-4	-1.25E-4
	CC4	1.3052	-0.8120	-0.3492	-7.06E-4	-6.22E-4	-5.14E-5
	CC5	-1.3197	0.8129	-0.1825	6.18E-4	6.47E-4	4.81E-5
	CC6	-1.2690	0.6999	-0.1750	5.42E-4	6.34E-4	1.22E-4
	CC7	-1.4259	-0.7274	0.0051	-6.10E-4	6.92E-4	-1.52E-4
	CC8	-1.3752	-0.8404	0.0126	-6.86E-4	6.78E-4	-7.89E-5
	CC9	0.5089	2.7121	-0.6422	2.09E-3	-2.40E-4	2.45E-4
	CC10	0.6348	2.4315	-0.6235	1.90E-3	-2.74E-4	4.28E-4
	CC11	-0.2952	2.7036	-0.5337	2.10E-3	1.50E-4	2.37E-4
	CC12	-0.1693	2.4230	-0.5150	1.91E-3	1.17E-4	4.20E-4
	CC13	0.1548	-2.4221	-0.0167	-2.00E-3	-9.15E-5	-4.23E-4
	CC14	0.2807	-2.7027	0.0020	-2.19E-3	-1.25E-4	-2.40E-4
	CC15	-0.6493	-2.4306	0.0918	-1.99E-3	2.99E-4	-4.31E-4
	CC16	-0.5234	-2.7112	0.1105	-2.18E-3	2.65E-4	-2.49E-4
123	CC1	1.2672	0.8299	-0.5638	1.03E-3	-1.25E-3	7.46E-5
	CC2	1.2242	0.7050	-0.5682	9.33E-4	-1.21E-3	1.48E-4
	CC3	1.4170	-0.6783	-0.7035	-4.67E-4	-1.50E-3	-1.26E-4
	CC4	1.3739	-0.8032	-0.7079	-5.60E-4	-1.45E-3	-5.24E-5
	CC5	-1.3782	0.8051	0.0627	6.81E-4	1.53E-3	4.71E-5
	CC6	-1.4213	0.6802	0.0583	5.87E-4	1.58E-3	1.21E-4
	CC7	-1.2285	-0.7031	-0.0770	-8.12E-4	1.29E-3	-1.53E-4
	CC8	-1.2715	-0.8280	-0.0814	-9.05E-4	1.33E-3	-7.99E-5
	CC9	0.1985	2.6734	-0.1783	2.72E-3	-2.00E-5	2.44E-4
	CC10	0.0916	2.3632	-0.1892	2.48E-3	8.75E-5	4.27E-4
	CC11	-0.5951	2.6660	0.0097	2.61E-3	8.14E-4	2.36E-4
	CC12	-0.7020	2.3558	-0.0012	2.38E-3	9.22E-4	4.19E-4
	CC13	0.6977	-2.3539	-0.6440	-2.26E-3	-8.42E-4	-4.24E-4
	CC14	0.5908	-2.6640	-0.6549	-2.49E-3	-7.34E-4	-2.41E-4

	CC15	-0.0959	-2.3613	-0.4560	-2.36E-3	-7.34E-6	-4.32E-4
	CC16	-0.2028	-2.6715	-0.4669	-2.59E-3	1.00E-4	-2.50E-4
124	CC1	1.3139	0.8297	-0.4922	4.52E-4	-1.40E-3	7.54E-5
	CC2	1.3185	0.7048	-0.4997	3.92E-4	-1.40E-3	1.49E-4
	CC3	1.3350	-0.6785	-0.5609	-5.01E-4	-1.44E-3	-1.25E-4
	CC4	1.3396	-0.8034	-0.5684	-5.61E-4	-1.44E-3	-5.16E-5
	CC5	-1.3493	0.8048	0.0209	4.08E-4	1.53E-3	4.80E-5
	CC6	-1.3447	0.6799	0.0134	3.47E-4	1.53E-3	1.21E-4
	CC7	-1.3282	-0.7034	-0.0478	-5.45E-4	1.49E-3	-1.53E-4
	CC8	-1.3236	-0.8283	-0.0553	-6.06E-4	1.48E-3	-7.90E-5
	CC9	0.3536	2.6732	-0.2270	1.59E-3	-3.19E-4	2.45E-4
	CC10	0.3651	2.3630	-0.2455	1.44E-3	-3.34E-4	4.28E-4
	CC11	-0.4453	2.6657	-0.0730	1.58E-3	5.60E-4	2.37E-4
	CC12	-0.4339	2.3555	-0.0916	1.43E-3	5.45E-4	4.20E-4
	CC13	0.4242	-2.3541	-0.4559	-1.58E-3	-4.56E-4	-4.23E-4
	CC14	0.4356	-2.6643	-0.4745	-1.73E-3	-4.71E-4	-2.41E-4
	CC15	-0.3748	-2.3616	-0.3020	-1.60E-3	4.22E-4	-4.31E-4
	CC16	-0.3633	-2.6717	-0.3205	-1.75E-3	4.07E-4	-2.49E-4
125	CC1	1.3368	0.8298	-0.5586	5.30E-4	-1.33E-3	7.50E-5
	CC2	1.3624	0.7049	-0.5634	4.78E-4	-1.35E-3	1.48E-4
	CC3	1.2992	-0.6784	-0.5405	-3.25E-4	-1.23E-3	-1.26E-4
	CC4	1.3248	-0.8033	-0.5452	-3.77E-4	-1.25E-3	-5.20E-5
	CC5	-1.3342	0.8049	0.0152	3.91E-4	1.29E-3	4.75E-5
	CC6	-1.3086	0.6800	0.0104	3.39E-4	1.26E-3	1.21E-4
	CC7	-1.3717	-0.7033	0.0333	-4.64E-4	1.39E-3	-1.53E-4
	CC8	-1.3462	-0.8282	0.0285	-5.16E-4	1.37E-3	-7.95E-5
	CC9	0.4269	2.6732	-0.3754	1.52E-3	-5.19E-4	2.45E-4
	CC10	0.4903	2.3631	-0.3872	1.39E-3	-5.75E-4	4.27E-4
	CC11	-0.3744	2.6658	-0.2032	1.48E-3	2.66E-4	2.37E-4
	CC12	-0.3110	2.3556	-0.2151	1.35E-3	2.10E-4	4.19E-4
	CC13	0.3016	-2.3541	-0.3150	-1.33E-3	-1.72E-4	-4.24E-4
	CC14	0.3650	-2.6642	-0.3268	-1.46E-3	-2.28E-4	-2.41E-4
	CC15	-0.4997	-2.3615	-0.1428	-1.37E-3	6.13E-4	-4.32E-4
	CC16	-0.4363	-2.6717	-0.1547	-1.50E-3	5.57E-4	-2.49E-4
126	CC1	1.3607	0.8297	-0.6712	7.43E-4	-1.38E-3	7.31E-5
	CC2	1.4114	0.7048	-0.6675	6.49E-4	-1.43E-3	1.47E-4
	CC3	1.2545	-0.6785	-0.4752	-6.59E-4	-1.25E-3	-1.27E-4
	CC4	1.3052	-0.8034	-0.4715	-7.52E-4	-1.30E-3	-5.39E-5
	CC5	-1.3196	0.8048	-0.0539	7.09E-4	1.33E-3	4.57E-5
	CC6	-1.2689	0.6799	-0.0501	6.15E-4	1.28E-3	1.19E-4
	CC7	-1.4259	-0.7034	0.1421	-6.93E-4	1.46E-3	-1.55E-4
	CC8	-1.3752	-0.8283	0.1458	-7.86E-4	1.41E-3	-8.13E-5
	CC9	0.5089	2.6732	-0.6866	2.43E-3	-5.46E-4	2.43E-4
	CC10	0.6349	2.3630	-0.6773	2.20E-3	-6.73E-4	4.25E-4
	CC11	-0.2952	2.6657	-0.5014	2.42E-3	2.68E-4	2.35E-4
	CC12	-0.1692	2.3556	-0.4921	2.19E-3	1.41E-4	4.17E-4
	CC13	0.1548	-2.3541	-0.0332	-2.24E-3	-1.14E-4	-4.25E-4
	CC14	0.2807	-2.6643	-0.0240	-2.47E-3	-2.41E-4	-2.43E-4
	CC15	-0.6493	-2.3616	0.1519	-2.25E-3	7.00E-4	-4.34E-4
	CC16	-0.5234	-2.6717	0.1612	-2.48E-3	5.73E-4	-2.51E-4
127	CC1	1.6292	1.6132	0.1315	8.85E-4	-8.90E-4	1.29E-4
	CC2	1.5720	1.8598	0.1393	9.69E-4	-8.74E-4	2.28E-4
	CC3	1.8474	-1.6310	-0.0587	-5.08E-4	-8.61E-4	-1.60E-4
	CC4	1.7902	-1.3844	-0.0509	-4.24E-4	-8.45E-4	-6.13E-5
	CC5	-1.7894	1.3751	-0.4471	5.46E-4	7.49E-4	5.39E-5
	CC6	-1.8466	1.6216	-0.4393	6.30E-4	7.65E-4	1.53E-4
	CC7	-1.5712	-1.8691	-0.6374	-8.48E-4	7.78E-4	-2.35E-4
	CC8	-1.6284	-1.6226	-0.6296	-7.64E-4	7.94E-4	-1.36E-4
	CC9	0.2205	5.1319	0.1452	2.33E-3	-3.62E-4	3.67E-4
	CC10	0.0785	5.7442	0.1645	2.54E-3	-3.22E-4	6.12E-4
	CC11	-0.8050	5.0605	-0.0284	2.23E-3	1.30E-4	3.44E-4
	CC12	-0.9471	5.6728	-0.0091	2.44E-3	1.70E-4	5.90E-4
	CC13	0.9479	-5.6821	-0.4890	-2.31E-3	-2.65E-4	-5.97E-4
	CC14	0.8059	-5.0698	-0.4697	-2.11E-3	-2.26E-4	-3.52E-4
	CC15	-0.0777	-5.7536	-0.6625	-2.42E-3	2.26E-4	-6.20E-4
	CC16	-0.2197	-5.1413	-0.6432	-2.21E-3	2.66E-4	-3.74E-4
128	CC1	1.7114	1.6126	0.0724	5.63E-4	-8.82E-4	1.28E-4
	CC2	1.7179	1.8592	0.0766	6.44E-4	-8.88E-4	2.27E-4
	CC3	1.7432	-1.6316	0.0426	-6.92E-4	-9.02E-4	-1.61E-4
	CC4	1.7497	-1.3850	0.0468	-6.12E-4	-9.08E-4	-6.19E-5
	CC5	-1.7535	1.3745	-0.4693	4.72E-4	7.89E-4	5.33E-5
	CC6	-1.7470	1.6210	-0.4650	5.53E-4	7.84E-4	1.52E-4

	CC7	-1.7217	-1.8697	-0.4990	-7.83E-4	7.69E-4	-2.36E-4
	CC8	-1.7152	-1.6232	-0.4948	-7.03E-4	7.63E-4	-1.37E-4
	CC9	0.4567	5.1313	-0.0856	1.94E-3	-2.70E-4	3.66E-4
	CC10	0.4729	5.7436	-0.0751	2.14E-3	-2.83E-4	6.12E-4
	CC11	-0.5828	5.0599	-0.2481	1.91E-3	2.31E-4	3.44E-4
	CC12	-0.5665	5.6722	-0.2376	2.11E-3	2.18E-4	5.89E-4
	CC13	0.5627	-5.6827	-0.1848	-2.25E-3	-3.37E-4	-5.98E-4
	CC14	0.5789	-5.0704	-0.1743	-2.05E-3	-3.50E-4	-3.52E-4
	CC15	-0.4768	-5.7541	-0.3473	-2.28E-3	1.64E-4	-6.20E-4
	CC16	-0.4605	-5.1419	-0.3368	-2.08E-3	1.51E-4	-3.75E-4
129	CC1	1.7476	1.6126	-0.0648	8.23E-4	-8.08E-4	1.28E-4
	CC2	1.7826	1.8592	-0.0858	9.47E-4	-8.11E-4	2.27E-4
	CC3	1.6960	-1.6316	0.2845	-1.05E-3	-9.65E-4	-1.61E-4
	CC4	1.7310	-1.3850	0.2635	-9.21E-4	-9.69E-4	-6.19E-5
	CC5	-1.7379	1.3745	-0.6783	9.17E-4	9.07E-4	5.33E-5
	CC6	-1.7029	1.6211	-0.6993	1.04E-3	9.03E-4	1.52E-4
	CC7	-1.7895	-1.8697	-0.3290	-9.51E-4	7.49E-4	-2.36E-4
	CC8	-1.7545	-1.6232	-0.3500	-8.26E-4	7.46E-4	-1.37E-4
	CC9	0.5619	5.1313	-0.6715	2.94E-3	-2.10E-5	3.66E-4
	CC10	0.6488	5.7436	-0.7236	3.25E-3	-3.00E-5	6.12E-4
	CC11	-0.4838	5.0599	-0.8556	2.97E-3	4.93E-4	3.44E-4
	CC12	-0.3968	5.6722	-0.9077	3.28E-3	4.84E-4	5.89E-4
	CC13	0.3899	-5.6827	0.4929	-3.28E-3	-5.46E-4	-5.98E-4
	CC14	0.4769	-5.0704	0.4407	-2.98E-3	-5.55E-4	-3.52E-4
	CC15	-0.6557	-5.7541	0.3088	-3.26E-3	-3.17E-5	-6.20E-4
	CC16	-0.5688	-5.1418	0.2567	-2.95E-3	-4.08E-5	-3.75E-4
130	CC1	1.6287	1.5577	-0.0887	1.33E-3	-5.78E-4	1.29E-4
	CC2	1.5715	1.7614	-0.0845	1.45E-3	-5.69E-4	2.28E-4
	CC3	1.8469	-1.5610	-0.1826	-8.84E-4	-5.47E-4	-1.60E-4
	CC4	1.7897	-1.3574	-0.1785	-7.59E-4	-5.37E-4	-6.14E-5
	CC5	-1.7899	1.3522	-0.2933	9.94E-4	5.99E-4	5.37E-5
	CC6	-1.8471	1.5559	-0.2891	1.12E-3	6.09E-4	1.53E-4
	CC7	-1.5717	-1.7665	-0.3872	-1.22E-3	6.31E-4	-2.35E-4
	CC8	-1.6289	-1.5629	-0.3831	-1.09E-3	6.41E-4	-1.37E-4
	CC9	0.2200	4.9733	-0.0538	3.70E-3	-2.11E-4	3.67E-4
	CC10	0.0780	5.4791	-0.0435	4.01E-3	-1.86E-4	6.12E-4
	CC11	-0.8055	4.9117	-0.1151	3.60E-3	1.43E-4	3.44E-4
	CC12	-0.9476	5.4174	-0.1049	3.91E-3	1.67E-4	5.89E-4
	CC13	0.9474	-5.4226	-0.3669	-3.68E-3	-1.05E-4	-5.97E-4
	CC14	0.8054	-4.9168	-0.3566	-3.36E-3	-8.03E-5	-3.52E-4
	CC15	-0.0782	-5.4842	-0.4283	-3.78E-3	2.49E-4	-6.20E-4
	CC16	-0.2202	-4.9785	-0.4180	-3.46E-3	2.73E-4	-3.74E-4
131	CC1	1.7108	1.5567	-0.0950	9.79E-4	-5.32E-4	1.29E-4
	CC2	1.7173	1.7603	-0.0928	1.09E-3	-5.37E-4	2.28E-4
	CC3	1.7426	-1.5621	-0.1187	-1.02E-3	-5.44E-4	-1.60E-4
	CC4	1.7491	-1.3584	-0.1165	-9.05E-4	-5.48E-4	-6.13E-5
	CC5	-1.7541	1.3512	-0.2747	7.42E-4	6.27E-4	5.38E-5
	CC6	-1.7476	1.5548	-0.2725	8.57E-4	6.23E-4	1.53E-4
	CC7	-1.7223	-1.7676	-0.2984	-1.26E-3	6.15E-4	-2.35E-4
	CC8	-1.7158	-1.5640	-0.2961	-1.14E-3	6.11E-4	-1.36E-4
	CC9	0.4561	4.9723	-0.1320	3.14E-3	-1.10E-4	3.67E-4
	CC10	0.4724	5.4780	-0.1264	3.43E-3	-1.20E-4	6.12E-4
	CC11	-0.5834	4.9106	-0.1859	3.07E-3	2.38E-4	3.44E-4
	CC12	-0.5671	5.4164	-0.1803	3.36E-3	2.28E-4	5.90E-4
	CC13	0.5621	-5.4236	-0.2109	-3.52E-3	-1.49E-4	-5.97E-4
	CC14	0.5784	-4.9179	-0.2053	-3.23E-3	-1.59E-4	-3.52E-4
	CC15	-0.4773	-5.4853	-0.2648	-3.59E-3	1.99E-4	-6.20E-4
	CC16	-0.4611	-4.9795	-0.2592	-3.31E-3	1.89E-4	-3.74E-4
132	CC1	1.7474	1.5566	-0.1746	1.16E-3	-5.25E-4	1.29E-4
	CC2	1.7824	1.7603	-0.1852	1.28E-3	-5.24E-4	2.28E-4
	CC3	1.6956	-1.5621	0.0098	-1.05E-3	-6.62E-4	-1.60E-4
	CC4	1.7307	-1.3585	-0.0008	-9.24E-4	-6.61E-4	-6.12E-5
	CC5	-1.7382	1.3511	-0.3974	9.08E-4	7.00E-4	5.39E-5
	CC6	-1.7032	1.5548	-0.4081	1.03E-3	7.01E-4	1.53E-4
	CC7	-1.7900	-1.7677	-0.2130	-1.30E-3	5.63E-4	-2.35E-4
	CC8	-1.7549	-1.5640	-0.2237	-1.17E-3	5.64E-4	-1.36E-4
	CC9	0.5618	4.9722	-0.4598	3.55E-3	6.25E-5	3.67E-4
	CC10	0.6489	5.4780	-0.4862	3.86E-3	6.58E-5	6.12E-4
	CC11	-0.4839	4.9105	-0.5266	3.47E-3	4.30E-4	3.44E-4
	CC12	-0.3968	5.4163	-0.5531	3.79E-3	4.33E-4	5.90E-4
	CC13	0.3892	-5.4237	0.1548	-3.81E-3	-3.94E-4	-5.97E-4
	CC14	0.4763	-4.9179	0.1284	-3.49E-3	-3.91E-4	-3.52E-4

	CC15	-0.6564	-5.4853	0.0880	-3.88E-3	-2.66E-5	-6.20E-4
	CC16	-0.5694	-4.9796	0.0615	-3.56E-3	-2.33E-5	-3.74E-4
133	CC1	1.6287	1.5108	-0.1442	1.27E-3	-3.95E-4	1.30E-4
	CC2	1.5715	1.6786	-0.1401	1.38E-3	-3.80E-4	2.29E-4
	CC3	1.8469	-1.5031	-0.2331	-8.62E-4	-5.05E-4	-1.59E-4
	CC4	1.7897	-1.3353	-0.2290	-7.55E-4	-4.90E-4	-6.02E-5
	CC5	-1.7899	1.3325	-0.2335	9.98E-4	4.82E-4	5.50E-5
	CC6	-1.8471	1.5003	-0.2294	1.10E-3	4.97E-4	1.54E-4
	CC7	-1.5717	-1.6814	-0.3224	-1.13E-3	3.72E-4	-2.34E-4
	CC8	-1.6289	-1.5136	-0.3183	-1.03E-3	3.87E-4	-1.35E-4
	CC9	0.2200	4.8402	-0.0748	3.58E-3	2.99E-5	3.68E-4
	CC10	0.0780	5.2569	-0.0646	3.85E-3	6.63E-5	6.13E-4
	CC11	-0.8056	4.7867	-0.1016	3.50E-3	2.93E-4	3.45E-4
	CC12	-0.9476	5.2034	-0.0914	3.77E-3	3.29E-4	5.91E-4
	CC13	0.9474	-5.2062	-0.3711	-3.52E-3	-3.37E-4	-5.96E-4
	CC14	0.8053	-4.7895	-0.3609	-3.26E-3	-3.01E-4	-3.50E-4
	CC15	-0.0782	-5.2597	-0.3979	-3.61E-3	-7.44E-5	-6.18E-4
	CC16	-0.2202	-4.8430	-0.3877	-3.34E-3	-3.80E-5	-3.73E-4
134	CC1	1.7107	1.5098	-0.1419	9.34E-4	-4.29E-4	1.29E-4
	CC2	1.7173	1.6776	-0.1400	1.03E-3	-4.31E-4	2.28E-4
	CC3	1.7425	-1.5042	-0.1736	-9.76E-4	-4.78E-4	-1.60E-4
	CC4	1.7491	-1.3364	-0.1717	-8.80E-4	-4.79E-4	-6.16E-5
	CC5	-1.7541	1.3315	-0.2112	7.19E-4	4.54E-4	5.35E-5
	CC6	-1.7476	1.4993	-0.2093	8.15E-4	4.52E-4	1.52E-4
	CC7	-1.7223	-1.6824	-0.2429	-1.19E-3	4.05E-4	-2.36E-4
	CC8	-1.7158	-1.5146	-0.2410	-1.09E-3	4.04E-4	-1.37E-4
	CC9	0.4561	4.8391	-0.1307	3.02E-3	-6.23E-5	3.66E-4
	CC10	0.4723	5.2558	-0.1259	3.25E-3	-6.62E-5	6.12E-4
	CC11	-0.5834	4.7857	-0.1515	2.95E-3	2.03E-4	3.44E-4
	CC12	-0.5671	5.2024	-0.1467	3.19E-3	1.99E-4	5.89E-4
	CC13	0.5621	-5.2072	-0.2362	-3.35E-3	-2.24E-4	-5.97E-4
	CC14	0.5783	-4.7905	-0.2314	-3.11E-3	-2.28E-4	-3.52E-4
	CC15	-0.4774	-5.2607	-0.2570	-3.41E-3	4.07E-5	-6.20E-4
	CC16	-0.4611	-4.8440	-0.2522	-3.18E-3	3.68E-5	-3.75E-4
135	CC1	1.7472	1.5097	-0.2356	1.12E-3	-5.11E-4	1.29E-4
	CC2	1.7823	1.6775	-0.2445	1.22E-3	-5.21E-4	2.28E-4
	CC3	1.6957	-1.5042	-0.0637	-1.00E-3	-4.24E-4	-1.60E-4
	CC4	1.7307	-1.3364	-0.0725	-8.94E-4	-4.34E-4	-6.16E-5
	CC5	-1.7383	1.3315	-0.3201	8.82E-4	4.34E-4	5.35E-5
	CC6	-1.7033	1.4992	-0.3289	9.88E-4	4.24E-4	1.52E-4
	CC7	-1.7899	-1.6825	-0.1481	-1.23E-3	5.21E-4	-2.36E-4
	CC8	-1.7549	-1.5147	-0.1569	-1.13E-3	5.11E-4	-1.37E-4
	CC9	0.5615	4.8391	-0.4593	3.42E-3	-2.74E-4	3.66E-4
	CC10	0.6485	5.2558	-0.4811	3.69E-3	-2.99E-4	6.12E-4
	CC11	-0.4841	4.7856	-0.4846	3.35E-3	9.23E-6	3.44E-4
	CC12	-0.3972	5.2023	-0.5065	3.62E-3	-1.56E-5	5.89E-4
	CC13	0.3896	-5.2073	0.1139	-3.63E-3	1.52E-5	-5.97E-4
	CC14	0.4765	-4.7906	0.0920	-3.36E-3	-9.71E-6	-3.52E-4
	CC15	-0.6561	-5.2608	0.0886	-3.70E-3	2.99E-4	-6.20E-4
	CC16	-0.5692	-4.8440	0.0667	-3.43E-3	2.74E-4	-3.74E-4
136	CC1	1.6287	1.4639	-0.1476	7.80E-4	-3.67E-4	1.25E-4
	CC2	1.5715	1.5958	-0.1425	8.32E-4	-3.55E-4	2.24E-4
	CC3	1.8469	-1.4452	-0.2662	-5.02E-4	-4.26E-4	-1.64E-4
	CC4	1.7897	-1.3133	-0.2611	-4.50E-4	-4.14E-4	-6.52E-5
	CC5	-1.7899	1.3129	-0.2033	6.20E-4	4.10E-4	5.00E-5
	CC6	-1.8471	1.4448	-0.1982	6.72E-4	4.22E-4	1.49E-4
	CC7	-1.5717	-1.5962	-0.3220	-6.62E-4	3.51E-4	-2.39E-4
	CC8	-1.6289	-1.4642	-0.3168	-6.10E-4	3.63E-4	-1.40E-4
	CC9	0.2200	4.7071	-0.0325	2.18E-3	-3.50E-5	3.63E-4
	CC10	0.0780	5.0347	-0.0197	2.31E-3	-6.26E-6	6.08E-4
	CC11	-0.8055	4.6618	-0.0492	2.13E-3	1.98E-4	3.40E-4
	CC12	-0.9476	4.9894	-0.0364	2.26E-3	2.27E-4	5.86E-4
	CC13	0.9474	-4.9898	-0.4280	-2.09E-3	-2.31E-4	-6.01E-4
	CC14	0.8054	-4.6622	-0.4152	-1.96E-3	-2.02E-4	-3.56E-4
	CC15	-0.0782	-5.0351	-0.4447	-2.14E-3	2.24E-6	-6.23E-4
	CC16	-0.2202	-4.7074	-0.4320	-2.01E-3	3.10E-5	-3.78E-4
137	CC1	1.7107	1.4634	-0.1925	4.55E-4	-3.98E-4	1.26E-4
	CC2	1.7172	1.5953	-0.1900	4.98E-4	-4.01E-4	2.25E-4
	CC3	1.7425	-1.4457	-0.2476	-5.44E-4	-4.10E-4	-1.63E-4
	CC4	1.7490	-1.3137	-0.2451	-5.01E-4	-4.13E-4	-6.39E-5
	CC5	-1.7542	1.3124	-0.1522	3.59E-4	4.10E-4	5.12E-5
	CC6	-1.7477	1.4443	-0.1497	4.02E-4	4.07E-4	1.50E-4

	CC7	-1.7224	-1.5967	-0.2073	-6.41E-4	3.97E-4	-2.38E-4
	CC8	-1.7159	-1.4647	-0.2048	-5.98E-4	3.94E-4	-1.39E-4
	CC9	0.4560	4.7066	-0.1159	1.56E-3	-9.86E-5	3.64E-4
	CC10	0.4723	5.0342	-0.1097	1.66E-3	-1.05E-4	6.09E-4
	CC11	-0.5834	4.6613	-0.1038	1.53E-3	1.44E-4	3.42E-4
	CC12	-0.5672	4.9889	-0.0977	1.63E-3	1.37E-4	5.87E-4
	CC13	0.5620	-4.9903	-0.2996	-1.78E-3	-1.40E-4	-6.00E-4
	CC14	0.5783	-4.6626	-0.2934	-1.67E-3	-1.47E-4	-3.54E-4
	CC15	-0.4774	-5.0356	-0.2875	-1.80E-3	1.02E-4	-6.22E-4
	CC16	-0.4612	-4.7079	-0.2813	-1.70E-3	9.51E-5	-3.77E-4
138	CC1	1.7472	1.4634	-0.3230	8.03E-4	-4.12E-4	1.26E-4
	CC2	1.7823	1.5953	-0.3329	8.69E-4	-4.18E-4	2.25E-4
	CC3	1.6957	-1.4457	-0.0985	-7.47E-4	-4.19E-4	-1.63E-4
	CC4	1.7307	-1.3137	-0.1084	-6.81E-4	-4.25E-4	-6.46E-5
	CC5	-1.7383	1.3124	-0.2818	6.85E-4	4.22E-4	5.06E-5
	CC6	-1.7033	1.4443	-0.2917	7.51E-4	4.16E-4	1.49E-4
	CC7	-1.7899	-1.5967	-0.0573	-8.65E-4	4.16E-4	-2.39E-4
	CC8	-1.7549	-1.4647	-0.0672	-7.99E-4	4.10E-4	-1.40E-4
	CC9	0.5615	4.7066	-0.5631	2.52E-3	-1.08E-4	3.63E-4
	CC10	0.6485	5.0342	-0.5877	2.68E-3	-1.23E-4	6.09E-4
	CC11	-0.4841	4.6613	-0.5508	2.49E-3	1.42E-4	3.41E-4
	CC12	-0.3972	4.9889	-0.5753	2.65E-3	1.27E-4	5.86E-4
	CC13	0.3896	-4.9903	0.1851	-2.65E-3	-1.29E-4	-6.00E-4
	CC14	0.4765	-4.6626	0.1606	-2.48E-3	-1.44E-4	-3.55E-4
	CC15	-0.6561	-5.0356	0.1975	-2.68E-3	1.21E-4	-6.23E-4
	CC16	-0.5692	-4.7079	0.1729	-2.52E-3	1.06E-4	-3.77E-4
139	CC1	1.6288	1.4210	-0.1750	1.17E-3	-3.82E-4	1.20E-4
	CC2	1.5716	1.5170	-0.1721	1.24E-3	-3.73E-4	2.19E-4
	CC3	1.8470	-1.3833	-0.2555	-8.21E-4	-3.62E-4	-1.69E-4
	CC4	1.7898	-1.2872	-0.2525	-7.58E-4	-3.54E-4	-7.04E-5
	CC5	-1.7898	1.2972	-0.2081	1.02E-3	3.51E-4	4.48E-5
	CC6	-1.8470	1.3933	-0.2051	1.08E-3	3.59E-4	1.44E-4
	CC7	-1.5716	-1.5070	-0.2885	-9.72E-4	3.70E-4	-2.44E-4
	CC8	-1.6288	-1.4109	-0.2856	-9.09E-4	3.79E-4	-1.46E-4
	CC9	0.2201	4.5780	-0.0949	3.40E-3	-1.55E-4	3.58E-4
	CC10	0.0781	4.8166	-0.0876	3.55E-3	-1.33E-4	6.03E-4
	CC11	-0.8054	4.5409	-0.1048	3.35E-3	6.48E-5	3.35E-4
	CC12	-0.9475	4.7795	-0.0975	3.51E-3	8.65E-5	5.81E-4
	CC13	0.9475	-4.7694	-0.3631	-3.25E-3	-8.96E-5	-6.06E-4
	CC14	0.8055	-4.5308	-0.3558	-3.09E-3	-6.79E-5	-3.61E-4
	CC15	-0.0781	-4.8065	-0.3731	-3.29E-3	1.30E-4	-6.29E-4
	CC16	-0.2201	-4.5679	-0.3657	-3.14E-3	1.52E-4	-3.83E-4
140	CC1	1.7107	1.4199	-0.1899	8.46E-4	-3.90E-4	1.24E-4
	CC2	1.7172	1.5160	-0.1887	9.02E-4	-3.94E-4	2.23E-4
	CC3	1.7425	-1.3843	-0.2229	-9.27E-4	-3.69E-4	-1.65E-4
	CC4	1.7490	-1.2882	-0.2218	-8.70E-4	-3.73E-4	-6.60E-5
	CC5	-1.7542	1.2962	-0.1600	7.23E-4	3.89E-4	4.91E-5
	CC6	-1.7477	1.3923	-0.1588	7.79E-4	3.85E-4	1.48E-4
	CC7	-1.7224	-1.5080	-0.1931	-1.05E-3	4.10E-4	-2.40E-4
	CC8	-1.7159	-1.4119	-0.1919	-9.93E-4	4.06E-4	-1.41E-4
	CC9	0.4560	4.5769	-0.1418	2.83E-3	-1.39E-4	3.62E-4
	CC10	0.4723	4.8155	-0.1388	2.97E-3	-1.49E-4	6.07E-4
	CC11	-0.5835	4.5398	-0.1328	2.79E-3	9.50E-5	3.39E-4
	CC12	-0.5672	4.7784	-0.1299	2.93E-3	8.45E-5	5.85E-4
	CC13	0.5620	-4.7704	-0.2519	-3.08E-3	-6.86E-5	-6.02E-4
	CC14	0.5783	-4.5319	-0.2490	-2.94E-3	-7.91E-5	-3.56E-4
	CC15	-0.4775	-4.8076	-0.2429	-3.12E-3	1.65E-4	-6.24E-4
	CC16	-0.4612	-4.5690	-0.2400	-2.98E-3	1.55E-4	-3.79E-4
141	CC1	1.7473	1.4199	-0.2891	1.02E-3	-3.38E-4	1.23E-4
	CC2	1.7823	1.5159	-0.2948	1.08E-3	-3.39E-4	2.22E-4
	CC3	1.6957	-1.3844	-0.1348	-9.45E-4	-4.50E-4	-1.66E-4
	CC4	1.7307	-1.2883	-0.1405	-8.82E-4	-4.51E-4	-6.75E-5
	CC5	-1.7383	1.2961	-0.2515	8.86E-4	4.43E-4	4.76E-5
	CC6	-1.7033	1.3922	-0.2571	9.49E-4	4.41E-4	1.46E-4
	CC7	-1.7899	-1.5081	-0.0972	-1.08E-3	3.31E-4	-2.42E-4
	CC8	-1.7548	-1.4120	-0.1029	-1.02E-3	3.30E-4	-1.43E-4
	CC9	0.5616	4.5769	-0.4517	3.22E-3	6.67E-5	3.61E-4
	CC10	0.6485	4.8155	-0.4658	3.37E-3	6.33E-5	6.06E-4
	CC11	-0.4841	4.5398	-0.4404	3.18E-3	3.01E-4	3.38E-4
	CC12	-0.3972	4.7784	-0.4545	3.33E-3	2.98E-4	5.83E-4
	CC13	0.3896	-4.7705	0.0625	-3.33E-3	-3.06E-4	-6.03E-4
	CC14	0.4765	-4.5319	0.0485	-3.17E-3	-3.09E-4	-3.58E-4

	CC15	-0.6561	-4.8076	0.0738	-3.37E-3	-7.17E-5	-6.26E-4
	CC16	-0.5691	-4.5690	0.0598	-3.21E-3	-7.51E-5	-3.80E-4
142	CC1	1.6290	1.3779	-0.1907	1.19E-3	-3.36E-4	1.19E-4
	CC2	1.5718	1.4371	-0.1895	1.24E-3	-3.25E-4	2.18E-4
	CC3	1.8472	-1.3186	-0.2480	-8.33E-4	-3.76E-4	-1.70E-4
	CC4	1.7900	-1.2594	-0.2469	-7.89E-4	-3.66E-4	-7.10E-5
	CC5	-1.7896	1.2814	-0.2125	1.09E-3	3.59E-4	4.42E-5
	CC6	-1.8468	1.3406	-0.2114	1.13E-3	3.69E-4	1.43E-4
	CC7	-1.5714	-1.4151	-0.2698	-9.39E-4	3.19E-4	-2.45E-4
	CC8	-1.6286	-1.3559	-0.2687	-8.95E-4	3.29E-4	-1.46E-4
	CC9	0.2203	4.4460	-0.1323	3.48E-3	-5.29E-5	3.57E-4
	CC10	0.0783	4.5931	-0.1295	3.59E-3	-2.69E-5	6.02E-4
	CC11	-0.8053	4.4171	-0.1389	3.45E-3	1.55E-4	3.35E-4
	CC12	-0.9473	4.5641	-0.1360	3.56E-3	1.81E-4	5.80E-4
	CC13	0.9477	-4.5421	-0.3233	-3.26E-3	-1.88E-4	-6.07E-4
	CC14	0.8056	-4.3951	-0.3205	-3.16E-3	-1.62E-4	-3.61E-4
	CC15	-0.0779	-4.5711	-0.3299	-3.30E-3	2.04E-5	-6.29E-4
	CC16	-0.2199	-4.4240	-0.3271	-3.19E-3	4.64E-5	-3.84E-4
143	CC1	1.7108	1.3768	-0.1950	8.38E-4	-3.69E-4	1.23E-4
	CC2	1.7173	1.4360	-0.1944	8.76E-4	-3.72E-4	2.22E-4
	CC3	1.7426	-1.3196	-0.2239	-9.32E-4	-3.83E-4	-1.66E-4
	CC4	1.7491	-1.2604	-0.2233	-8.94E-4	-3.86E-4	-6.70E-5
	CC5	-1.7541	1.2803	-0.1533	7.60E-4	3.83E-4	4.81E-5
	CC6	-1.7476	1.3395	-0.1527	7.98E-4	3.81E-4	1.47E-4
	CC7	-1.7223	-1.4162	-0.1822	-1.01E-3	3.70E-4	-2.41E-4
	CC8	-1.7158	-1.3570	-0.1816	-9.72E-4	3.67E-4	-1.42E-4
	CC9	0.4561	4.4449	-0.1472	2.85E-3	-8.76E-5	3.61E-4
	CC10	0.4723	4.5920	-0.1457	2.94E-3	-9.46E-5	6.06E-4
	CC11	-0.5834	4.4160	-0.1347	2.82E-3	1.38E-4	3.38E-4
	CC12	-0.5671	4.5630	-0.1332	2.92E-3	1.31E-4	5.84E-4
	CC13	0.5621	-4.5432	-0.2434	-3.05E-3	-1.34E-4	-6.03E-4
	CC14	0.5783	-4.3961	-0.2419	-2.96E-3	-1.40E-4	-3.57E-4
	CC15	-0.4774	-4.5721	-0.2309	-3.08E-3	9.22E-5	-6.25E-4
	CC16	-0.4611	-4.4251	-0.2294	-2.98E-3	8.53E-5	-3.80E-4
144	CC1	1.7474	1.3767	-0.2785	9.92E-4	-3.55E-4	1.22E-4
	CC2	1.7824	1.4359	-0.2810	1.03E-3	-3.59E-4	2.20E-4
	CC3	1.6958	-1.3197	-0.1636	-9.28E-4	-3.92E-4	-1.68E-4
	CC4	1.7308	-1.2605	-0.1661	-8.86E-4	-3.96E-4	-6.87E-5
	CC5	-1.7381	1.2802	-0.2275	9.07E-4	3.87E-4	4.64E-5
	CC6	-1.7031	1.3394	-0.2299	9.49E-4	3.82E-4	1.45E-4
	CC7	-1.7897	-1.4162	-0.1126	-1.01E-3	3.50E-4	-2.43E-4
	CC8	-1.7547	-1.3570	-0.1151	-9.71E-4	3.45E-4	-1.44E-4
	CC9	0.5617	4.4449	-0.3928	3.17E-3	-4.90E-5	3.59E-4
	CC10	0.6486	4.5919	-0.3990	3.27E-3	-6.03E-5	6.05E-4
	CC11	-0.4840	4.4159	-0.3775	3.15E-3	1.73E-4	3.37E-4
	CC12	-0.3970	4.5630	-0.3837	3.25E-3	1.62E-4	5.82E-4
	CC13	0.3897	-4.5433	-0.0099	-3.23E-3	-1.72E-4	-6.04E-4
	CC14	0.4767	-4.3962	-0.0161	-3.12E-3	-1.83E-4	-3.59E-4
	CC15	-0.6559	-4.5722	0.0054	-3.25E-3	5.08E-5	-6.27E-4
	CC16	-0.5690	-4.4252	-0.0007	-3.15E-3	3.96E-5	-3.82E-4
145	CC1	1.6292	1.3355	-0.1789	1.19E-3	-3.40E-4	1.19E-4
	CC2	1.5720	1.3578	-0.1789	1.21E-3	-3.28E-4	2.18E-4
	CC3	1.8474	-1.2532	-0.2280	-7.85E-4	-4.00E-4	-1.70E-4
	CC4	1.7902	-1.2309	-0.2280	-7.63E-4	-3.89E-4	-7.16E-5
	CC5	-1.7894	1.2657	-0.2331	1.08E-3	3.75E-4	4.36E-5
	CC6	-1.8466	1.2881	-0.2331	1.10E-3	3.86E-4	1.42E-4
	CC7	-1.5712	-1.3229	-0.2822	-8.92E-4	3.14E-4	-2.46E-4
	CC8	-1.6284	-1.3006	-0.2822	-8.69E-4	3.26E-4	-1.47E-4
	CC9	0.2205	4.3146	-0.1406	3.43E-3	-2.75E-5	3.56E-4
	CC10	0.0785	4.3701	-0.1406	3.49E-3	6.52E-7	6.02E-4
	CC11	-0.8050	4.2937	-0.1568	3.40E-3	1.87E-4	3.34E-4
	CC12	-0.9471	4.3492	-0.1569	3.45E-3	2.15E-4	5.79E-4
	CC13	0.9479	-4.3143	-0.3043	-3.14E-3	-2.29E-4	-6.07E-4
	CC14	0.8059	-4.2588	-0.3043	-3.08E-3	-2.01E-4	-3.62E-4
	CC15	-0.0777	-4.3352	-0.3205	-3.17E-3	-1.48E-5	-6.30E-4
	CC16	-0.2197	-4.2797	-0.3205	-3.11E-3	1.33E-5	-3.84E-4
146	CC1	1.7109	1.3344	-0.2043	8.00E-4	-3.69E-4	1.23E-4
	CC2	1.7174	1.3567	-0.2039	8.18E-4	-3.71E-4	2.22E-4
	CC3	1.7427	-1.2543	-0.2364	-8.87E-4	-3.91E-4	-1.66E-4
	CC4	1.7492	-1.2319	-0.2360	-8.68E-4	-3.93E-4	-6.72E-5
	CC5	-1.7540	1.2647	-0.1414	7.50E-4	3.84E-4	4.79E-5
	CC6	-1.7475	1.2870	-0.1411	7.68E-4	3.81E-4	1.47E-4

	CC7	-1.7222	-1.3240	-0.1735	-9.37E-4	3.61E-4	-2.41E-4
	CC8	-1.7157	-1.3017	-0.1732	-9.19E-4	3.59E-4	-1.42E-4
	CC9	0.4562	4.3135	-0.1451	2.74E-3	-7.76E-5	3.61E-4
	CC10	0.4725	4.3690	-0.1442	2.78E-3	-8.44E-5	6.06E-4
	CC11	-0.5833	4.2926	-0.1263	2.72E-3	1.48E-4	3.38E-4
	CC12	-0.5670	4.3481	-0.1254	2.77E-3	1.41E-4	5.84E-4
	CC13	0.5622	-4.3154	-0.2521	-2.89E-3	-1.51E-4	-6.03E-4
	CC14	0.5785	-4.2599	-0.2512	-2.84E-3	-1.58E-4	-3.58E-4
	CC15	-0.4773	-4.3363	-0.2332	-2.90E-3	7.46E-5	-6.26E-4
	CC16	-0.4610	-4.2808	-0.2323	-2.86E-3	6.78E-5	-3.80E-4
147	CC1	1.7476	1.3343	-0.2905	9.47E-4	-3.52E-4	1.21E-4
	CC2	1.7826	1.3567	-0.2908	9.66E-4	-3.57E-4	2.20E-4
	CC3	1.6960	-1.2543	-0.1961	-8.80E-4	-3.91E-4	-1.68E-4
	CC4	1.7310	-1.2320	-0.1965	-8.60E-4	-3.97E-4	-6.94E-5
	CC5	-1.7380	1.2646	-0.2027	8.97E-4	3.79E-4	4.58E-5
	CC6	-1.7030	1.2869	-0.2030	9.17E-4	3.74E-4	1.45E-4
	CC7	-1.7896	-1.3241	-0.1083	-9.29E-4	3.40E-4	-2.43E-4
	CC8	-1.7545	-1.3017	-0.1087	-9.09E-4	3.34E-4	-1.45E-4
	CC9	0.5619	4.3135	-0.3695	3.05E-3	-4.51E-5	3.59E-4
	CC10	0.6488	4.3690	-0.3704	3.09E-3	-5.96E-5	6.04E-4
	CC11	-0.4838	4.2925	-0.3432	3.03E-3	1.74E-4	3.36E-4
	CC12	-0.3969	4.3480	-0.3440	3.08E-3	1.60E-4	5.82E-4
	CC13	0.3899	-4.3154	-0.0551	-3.04E-3	-1.77E-4	-6.05E-4
	CC14	0.4768	-4.2599	-0.0560	-2.99E-3	-1.92E-4	-3.60E-4
	CC15	-0.6558	-4.3363	-0.0288	-3.06E-3	4.19E-5	-6.28E-4
	CC16	-0.5688	-4.2809	-0.0296	-3.01E-3	2.74E-5	-3.82E-4
148	CC1	1.6294	1.2941	-0.2557	1.38E-3	-2.67E-4	1.19E-4
	CC2	1.5722	1.2806	-0.2564	1.39E-3	-2.55E-4	2.18E-4
	CC3	1.8476	-1.1898	-0.3046	-5.76E-4	-3.39E-4	-1.70E-4
	CC4	1.7905	-1.2033	-0.3052	-5.69E-4	-3.27E-4	-7.13E-5
	CC5	-1.7891	1.2504	-0.1676	9.13E-4	2.78E-4	4.38E-5
	CC6	-1.8463	1.2368	-0.1682	9.20E-4	2.90E-4	1.43E-4
	CC7	-1.5709	-1.2335	-0.2164	-1.04E-3	2.05E-4	-2.45E-4
	CC8	-1.6281	-1.2470	-0.2171	-1.04E-3	2.17E-4	-1.46E-4
	CC9	0.2208	4.1866	-0.1674	3.49E-3	-9.56E-7	3.57E-4
	CC10	0.0788	4.1531	-0.1690	3.51E-3	2.87E-5	6.02E-4
	CC11	-0.8048	4.1735	-0.1409	3.35E-3	1.62E-4	3.34E-4
	CC12	-0.9468	4.1399	-0.1425	3.37E-3	1.92E-4	5.80E-4
	CC13	0.9481	-4.0929	-0.3303	-3.03E-3	-2.42E-4	-6.07E-4
	CC14	0.8061	-4.1264	-0.3319	-3.01E-3	-2.12E-4	-3.62E-4
	CC15	-0.0774	-4.1060	-0.3038	-3.17E-3	-7.84E-5	-6.30E-4
	CC16	-0.2195	-4.1395	-0.3054	-3.15E-3	-4.88E-5	-3.84E-4
149	CC1	1.7112	1.2929	-0.2209	6.71E-4	-3.80E-4	1.25E-4
	CC2	1.7180	1.2794	-0.2207	6.71E-4	-3.82E-4	2.23E-4
	CC3	1.7423	-1.1909	-0.2550	-8.57E-4	-3.96E-4	-1.64E-4
	CC4	1.7491	-1.2044	-0.2549	-8.57E-4	-3.98E-4	-6.57E-5
	CC5	-1.7538	1.2492	-0.1374	7.51E-4	3.19E-4	4.95E-5
	CC6	-1.7470	1.2357	-0.1373	7.51E-4	3.17E-4	1.48E-4
	CC7	-1.7227	-1.2346	-0.1716	-7.77E-4	3.03E-4	-2.40E-4
	CC8	-1.7159	-1.2482	-0.1714	-7.78E-4	3.02E-4	-1.41E-4
	CC9	0.4571	4.1855	-0.1520	2.48E-3	-1.16E-4	3.62E-4
	CC10	0.4740	4.1519	-0.1516	2.48E-3	-1.20E-4	6.08E-4
	CC11	-0.5824	4.1724	-0.1270	2.51E-3	9.39E-5	3.40E-4
	CC12	-0.5655	4.1388	-0.1265	2.51E-3	8.99E-5	5.85E-4
	CC13	0.5608	-4.0940	-0.2658	-2.61E-3	-1.69E-4	-6.01E-4
	CC14	0.5777	-4.1276	-0.2653	-2.61E-3	-1.72E-4	-3.56E-4
	CC15	-0.4787	-4.1071	-0.2407	-2.59E-3	4.13E-5	-6.24E-4
	CC16	-0.4618	-4.1407	-0.2403	-2.59E-3	3.73E-5	-3.79E-4
150	CC1	1.7478	1.2941	-0.1764	7.95E-4	-3.03E-4	1.23E-4
	CC2	1.7828	1.2815	-0.1751	7.94E-4	-3.08E-4	2.22E-4
	CC3	1.6962	-1.1925	-0.1161	-8.52E-4	-3.83E-4	-1.66E-4
	CC4	1.7312	-1.2051	-0.1148	-8.53E-4	-3.87E-4	-6.70E-5
	CC5	-1.7378	1.2497	-0.3042	9.10E-4	2.94E-4	4.81E-5
	CC6	-1.7028	1.2371	-0.3029	9.10E-4	2.90E-4	1.47E-4
	CC7	-1.7894	-1.2369	-0.2438	-7.37E-4	2.15E-4	-2.41E-4
	CC8	-1.7543	-1.2495	-0.2426	-7.37E-4	2.10E-4	-1.42E-4
	CC9	0.5621	4.1889	-0.2924	2.76E-3	1.49E-6	3.61E-4
	CC10	0.6490	4.1577	-0.2893	2.76E-3	-9.30E-6	6.06E-4
	CC11	-0.4836	4.1756	-0.3307	2.79E-3	1.81E-4	3.38E-4
	CC12	-0.3967	4.1444	-0.3276	2.79E-3	1.70E-4	5.84E-4
	CC13	0.3901	-4.0998	-0.0913	-2.73E-3	-2.63E-4	-6.03E-4
	CC14	0.4770	-4.1310	-0.0883	-2.73E-3	-2.74E-4	-3.57E-4

	CC15	-0.6556	-4.1131	-0.1297	-2.70E-3	-8.37E-5	-6.25E-4
	CC16	-0.5686	-4.1443	-0.1266	-2.70E-3	-9.45E-5	-3.80E-4
151	CC1	1.6295	1.2504	-0.2708	2.84E-3	-8.92E-4	1.37E-4
	CC2	1.5723	1.2010	-0.2723	2.86E-3	-8.83E-4	2.36E-4
	CC3	1.8477	-1.1287	-0.3277	6.14E-4	-1.01E-3	-1.52E-4
	CC4	1.7905	-1.1781	-0.3292	6.39E-4	-1.01E-3	-5.31E-5
	CC5	-1.7890	1.2324	-0.1849	-2.05E-4	8.64E-4	6.21E-5
	CC6	-1.8462	1.1830	-0.1864	-1.80E-4	8.73E-4	1.61E-4
	CC7	-1.5708	-1.1466	-0.2418	-2.43E-3	7.41E-4	-2.27E-4
	CC8	-1.6280	-1.1960	-0.2433	-2.40E-3	7.50E-4	-1.28E-4
	CC9	0.2209	4.0562	-0.1732	4.34E-3	-1.40E-4	3.75E-4
	CC10	0.0788	3.9336	-0.1769	4.41E-3	-1.19E-4	6.20E-4
	CC11	-0.8047	4.0508	-0.1474	3.43E-3	3.87E-4	3.52E-4
	CC12	-0.9467	3.9282	-0.1511	3.49E-3	4.08E-4	5.98E-4
	CC13	0.9482	-3.8739	-0.3630	-3.06E-3	-5.50E-4	-5.89E-4
	CC14	0.8062	-3.9965	-0.3666	-3.00E-3	-5.29E-4	-3.43E-4
	CC15	-0.0773	-3.8793	-0.3372	-3.97E-3	-2.32E-5	-6.11E-4
	CC16	-0.2194	-4.0019	-0.3409	-3.91E-3	-2.04E-6	-3.66E-4
152	CC1	1.7107	1.2493	-0.2649	4.65E-4	-4.37E-4	1.30E-4
	CC2	1.7173	1.1999	-0.2648	4.55E-4	-4.44E-4	2.28E-4
	CC3	1.7425	-1.1297	-0.3040	-4.64E-4	-4.68E-4	-1.60E-4
	CC4	1.7491	-1.1791	-0.3039	-4.74E-4	-4.76E-4	-6.07E-5
	CC5	-1.7542	1.2313	-0.1428	4.30E-4	3.96E-4	5.44E-5
	CC6	-1.7476	1.1820	-0.1427	4.20E-4	3.89E-4	1.53E-4
	CC7	-1.7224	-1.1477	-0.1819	-4.99E-4	3.65E-4	-2.35E-4
	CC8	-1.7158	-1.1971	-0.1818	-5.09E-4	3.57E-4	-1.36E-4
	CC9	0.4561	4.0552	-0.1766	1.54E-3	-1.03E-4	3.67E-4
	CC10	0.4723	3.9325	-0.1763	1.52E-3	-1.21E-4	6.13E-4
	CC11	-0.5834	4.0498	-0.1399	1.53E-3	1.47E-4	3.45E-4
	CC12	-0.5672	3.9272	-0.1397	1.51E-3	1.29E-4	5.90E-4
	CC13	0.5621	-3.8749	-0.3069	-1.55E-3	-2.08E-4	-5.96E-4
	CC14	0.5783	-3.9976	-0.3067	-1.58E-3	-2.27E-4	-3.51E-4
	CC15	-0.4774	-3.8803	-0.2703	-1.56E-3	4.16E-5	-6.19E-4
	CC16	-0.4612	-4.0030	-0.2701	-1.59E-3	2.31E-5	-3.74E-4
153	CC1	1.7477	1.2488	-0.1227	3.09E-4	-4.36E-4	1.31E-4
	CC2	1.7827	1.1994	-0.1192	2.92E-4	-4.47E-4	2.30E-4
	CC3	1.6961	-1.1302	-0.1138	-4.61E-4	-4.63E-4	-1.58E-4
	CC4	1.7311	-1.1796	-0.1104	-4.78E-4	-4.74E-4	-5.94E-5
	CC5	-1.7379	1.2308	-0.3697	6.08E-4	4.10E-4	5.58E-5
	CC6	-1.7029	1.1815	-0.3662	5.91E-4	3.99E-4	1.55E-4
	CC7	-1.7895	-1.1482	-0.3609	-1.61E-4	3.83E-4	-2.33E-4
	CC8	-1.7544	-1.1976	-0.3574	-1.79E-4	3.72E-4	-1.35E-4
	CC9	0.5620	4.0547	-0.2220	1.33E-3	-1.00E-4	3.69E-4
	CC10	0.6489	3.9321	-0.2133	1.28E-3	-1.29E-4	6.14E-4
	CC11	-0.4837	4.0493	-0.2961	1.41E-3	1.54E-4	3.46E-4
	CC12	-0.3968	3.9267	-0.2874	1.37E-3	1.25E-4	5.92E-4
	CC13	0.3900	-3.8754	-0.1926	-1.24E-3	-1.89E-4	-5.95E-4
	CC14	0.4769	-3.9981	-0.1840	-1.28E-3	-2.18E-4	-3.50E-4
	CC15	-0.6557	-3.8808	-0.2667	-1.15E-3	6.45E-5	-6.18E-4
	CC16	-0.5687	-4.0035	-0.2581	-1.19E-3	3.59E-5	-3.72E-4
154	CC1	1.7911	1.2540	-0.1260	4.58E-4	-8.24E-4	1.37E-4
	CC2	1.8599	1.2088	-0.1137	4.43E-4	-8.58E-4	2.36E-4
	CC3	1.6405	-1.1372	0.0662	-5.09E-4	-7.73E-4	-1.52E-4
	CC4	1.7093	-1.1824	0.0784	-5.24E-4	-8.07E-4	-5.35E-5
	CC5	-1.7191	1.2331	-0.6278	6.17E-4	7.96E-4	6.16E-5
	CC6	-1.6503	1.1879	-0.6156	6.02E-4	7.62E-4	1.60E-4
	CC7	-1.8697	-1.1581	-0.4357	-3.50E-4	8.47E-4	-2.28E-4
	CC8	-1.8009	-1.2033	-0.4234	-3.65E-4	8.13E-4	-1.29E-4
	CC9	0.6871	4.0700	-0.5349	1.65E-3	-2.92E-4	3.74E-4
	CC10	0.8581	3.9577	-0.5045	1.62E-3	-3.76E-4	6.20E-4
	CC11	-0.3659	4.0637	-0.6854	1.70E-3	1.94E-4	3.52E-4
	CC12	-0.1949	3.9514	-0.6551	1.66E-3	1.10E-4	5.97E-4
	CC13	0.1851	-3.9007	0.1057	-1.57E-3	-1.21E-4	-5.89E-4
	CC14	0.3561	-4.0130	0.1361	-1.61E-3	-2.05E-4	-3.44E-4
	CC15	-0.8679	-3.9070	-0.0449	-1.52E-3	3.65E-4	-6.12E-4
	CC16	-0.6969	-4.0193	-0.0145	-1.56E-3	2.81E-4	-3.66E-4
155	CC1	1.6302	1.1916	-0.2697	5.06E-4	-4.37E-4	1.46E-4
	CC2	1.5730	1.1054	-0.2726	4.77E-4	-4.30E-4	2.45E-4
	CC3	1.8484	-1.0797	-0.3560	-5.36E-4	-5.02E-4	-1.43E-4
	CC4	1.7912	-1.1659	-0.3588	-5.66E-4	-4.96E-4	-4.42E-5
	CC5	-1.7884	1.2073	-0.1980	8.08E-4	4.35E-4	7.10E-5
	CC6	-1.8456	1.1210	-0.2008	7.79E-4	4.42E-4	1.70E-4

	CC7	-1.5702	-1.0640	-0.2842	-2.34E-4	3.69E-4	-2.18E-4
	CC8	-1.6273	-1.1503	-0.2871	-2.64E-4	3.76E-4	-1.19E-4
	CC9	0.2215	3.9109	-0.1419	1.85E-3	-5.99E-5	3.84E-4
	CC10	0.0795	3.6967	-0.1489	1.78E-3	-4.26E-5	6.29E-4
	CC11	-0.8040	3.9156	-0.1204	1.94E-3	2.02E-4	3.61E-4
	CC12	-0.9460	3.7014	-0.1274	1.87E-3	2.19E-4	6.07E-4
	CC13	0.9489	-3.6601	-0.4294	-1.62E-3	-2.79E-4	-5.80E-4
	CC14	0.8069	-3.8743	-0.4364	-1.70E-3	-2.62E-4	-3.34E-4
	CC15	-0.0767	-3.6554	-0.4078	-1.53E-3	-1.77E-5	-6.02E-4
	CC16	-0.2187	-3.8696	-0.4149	-1.61E-3	-4.08E-7	-3.57E-4
156	CC1	1.7112	1.1916	-0.2684	1.11E-4	-4.97E-4	1.38E-4
	CC2	1.7177	1.1053	-0.2697	9.62E-5	-5.06E-4	2.37E-4
	CC3	1.7430	-1.0797	-0.3228	-3.54E-4	-5.28E-4	-1.51E-4
	CC4	1.7495	-1.1660	-0.3241	-3.69E-4	-5.36E-4	-5.21E-5
	CC5	-1.7537	1.2072	-0.1789	2.84E-4	4.87E-4	6.30E-5
	CC6	-1.7472	1.1210	-0.1802	2.69E-4	4.78E-4	1.62E-4
	CC7	-1.7219	-1.0641	-0.2333	-1.82E-4	4.56E-4	-2.26E-4
	CC8	-1.7154	-1.1503	-0.2346	-1.97E-4	4.48E-4	-1.27E-4
	CC9	0.4565	3.9109	-0.1727	7.26E-4	-1.11E-4	3.76E-4
	CC10	0.4727	3.6967	-0.1760	6.88E-4	-1.33E-4	6.21E-4
	CC11	-0.5830	3.9155	-0.1458	7.78E-4	1.84E-4	3.53E-4
	CC12	-0.5667	3.7014	-0.1491	7.40E-4	1.62E-4	5.99E-4
	CC13	0.5625	-3.6601	-0.3539	-8.25E-4	-2.12E-4	-5.88E-4
	CC14	0.5788	-3.8743	-0.3572	-8.63E-4	-2.34E-4	-3.42E-4
	CC15	-0.4770	-3.6554	-0.3270	-7.73E-4	8.32E-5	-6.10E-4
	CC16	-0.4607	-3.8696	-0.3303	-8.11E-4	6.13E-5	-3.65E-4
157	CC1	1.7478	1.1913	-0.1830	2.31E-4	-5.06E-4	1.39E-4
	CC2	1.7828	1.1051	-0.1808	2.12E-4	-5.21E-4	2.38E-4
	CC3	1.6962	-1.0799	-0.1656	-3.11E-4	-5.24E-4	-1.50E-4
	CC4	1.7312	-1.1662	-0.1634	-3.30E-4	-5.39E-4	-5.11E-5
	CC5	-1.7378	1.2070	-0.3339	3.71E-4	5.48E-4	6.40E-5
	CC6	-1.7028	1.1207	-0.3317	3.51E-4	5.33E-4	1.63E-4
	CC7	-1.7894	-1.0643	-0.3166	-1.71E-4	5.29E-4	-2.25E-4
	CC8	-1.7544	-1.1505	-0.3144	-1.91E-4	5.15E-4	-1.26E-4
	CC9	0.5621	3.9106	-0.2576	9.27E-4	-1.05E-4	3.77E-4
	CC10	0.6490	3.6965	-0.2522	8.79E-4	-1.41E-4	6.22E-4
	CC11	-0.4836	3.9153	-0.3029	9.69E-4	2.12E-4	3.54E-4
	CC12	-0.3967	3.7011	-0.2975	9.21E-4	1.75E-4	6.00E-4
	CC13	0.3901	-3.6603	-0.1999	-8.80E-4	-1.66E-4	-5.87E-4
	CC14	0.4770	-3.8745	-0.1944	-9.28E-4	-2.03E-4	-3.41E-4
	CC15	-0.6556	-3.6557	-0.2452	-8.38E-4	1.50E-4	-6.09E-4
	CC16	-0.5686	-3.8698	-0.2397	-8.86E-4	1.13E-4	-3.64E-4
158	CC1	1.7911	1.1913	-0.2660	3.91E-4	-5.71E-4	1.41E-4
	CC2	1.8599	1.1050	-0.2578	3.67E-4	-5.91E-4	2.40E-4
	CC3	1.6405	-1.0800	-0.0988	-4.01E-4	-5.86E-4	-1.48E-4
	CC4	1.7093	-1.1663	-0.0907	-4.26E-4	-6.07E-4	-4.95E-5
	CC5	-1.7191	1.2069	-0.4293	4.59E-4	6.44E-4	6.57E-5
	CC6	-1.6502	1.1207	-0.4212	4.34E-4	6.24E-4	1.64E-4
	CC7	-1.8697	-1.0644	-0.2622	-3.34E-4	6.29E-4	-2.23E-4
	CC8	-1.8008	-1.1506	-0.2540	-3.58E-4	6.08E-4	-1.25E-4
	CC9	0.6872	3.9106	-0.5242	1.36E-3	-1.14E-4	3.79E-4
	CC10	0.8582	3.6964	-0.5040	1.30E-3	-1.63E-4	6.24E-4
	CC11	-0.3659	3.9152	-0.5732	1.38E-3	2.51E-4	3.56E-4
	CC12	-0.1949	3.7011	-0.5530	1.32E-3	2.01E-4	6.01E-4
	CC13	0.1852	-3.6604	0.0330	-1.28E-3	-1.64E-4	-5.85E-4
	CC14	0.3562	-3.8746	0.0532	-1.34E-3	-2.14E-4	-3.40E-4
	CC15	-0.8679	-3.6557	-0.0160	-1.26E-3	2.01E-4	-6.08E-4
	CC16	-0.6969	-3.8699	0.0042	-1.32E-3	1.51E-4	-3.62E-4
159	CC1	1.6301	1.1396	-0.3481	-9.15E-5	-4.74E-4	1.38E-4
	CC2	1.5729	1.0179	-0.3509	-1.60E-4	-4.67E-4	2.37E-4
	CC3	1.8483	-1.0283	-0.4333	-1.25E-3	-5.44E-4	-1.51E-4
	CC4	1.7911	-1.1499	-0.4361	-1.31E-3	-5.37E-4	-5.20E-5
	CC5	-1.7885	1.1818	-0.1389	1.66E-3	4.76E-4	6.32E-5
	CC6	-1.8457	1.0601	-0.1417	1.59E-3	4.84E-4	1.62E-4
	CC7	-1.5703	-0.9861	-0.2240	5.02E-4	4.06E-4	-2.26E-4
	CC8	-1.6275	-1.1078	-0.2269	4.34E-4	4.13E-4	-1.27E-4
	CC9	0.2214	3.7737	-0.1735	1.92E-3	-6.42E-5	3.76E-4
	CC10	0.0794	3.4717	-0.1805	1.75E-3	-4.66E-5	6.21E-4
	CC11	-0.8042	3.7864	-0.1107	2.44E-3	2.21E-4	3.53E-4
	CC12	-0.9462	3.4844	-0.1177	2.27E-3	2.39E-4	5.99E-4
	CC13	0.9488	-3.4525	-0.4573	-1.93E-3	-2.99E-4	-5.88E-4
	CC14	0.8067	-3.7546	-0.4643	-2.10E-3	-2.82E-4	-3.42E-4

	CC15	-0.0768	-3.4399	-0.3945	-1.41E-3	-1.43E-5	-6.10E-4
	CC16	-0.2188	-3.7419	-0.4015	-1.58E-3	3.33E-6	-3.65E-4
160	CC1	1.7116	1.1385	-0.2994	2.47E-4	-5.83E-4	1.34E-4
	CC2	1.7182	1.0164	-0.3028	2.10E-4	-5.93E-4	2.33E-4
	CC3	1.7434	-1.0280	-0.3538	-5.64E-4	-6.09E-4	-1.55E-4
	CC4	1.7500	-1.1501	-0.3572	-6.01E-4	-6.18E-4	-5.59E-5
	CC5	-1.7533	1.1810	-0.1535	5.66E-4	5.82E-4	5.92E-5
	CC6	-1.7467	1.0589	-0.1569	5.30E-4	5.72E-4	1.58E-4
	CC7	-1.7215	-0.9855	-0.2078	-2.45E-4	5.57E-4	-2.30E-4
	CC8	-1.7149	-1.1076	-0.2112	-2.82E-4	5.47E-4	-1.31E-4
	CC9	0.4570	3.7715	-0.1824	1.33E-3	-1.39E-4	3.72E-4
	CC10	0.4732	3.4683	-0.1909	1.24E-3	-1.63E-4	6.17E-4
	CC11	-0.5825	3.7843	-0.1386	1.43E-3	2.11E-4	3.50E-4
	CC12	-0.5663	3.4811	-0.1471	1.34E-3	1.87E-4	5.95E-4
	CC13	0.5630	-3.4501	-0.3635	-1.37E-3	-2.23E-4	-5.92E-4
	CC14	0.5792	-3.7534	-0.3720	-1.46E-3	-2.47E-4	-3.46E-4
	CC15	-0.4765	-3.4374	-0.3198	-1.28E-3	1.26E-4	-6.14E-4
	CC16	-0.4603	-3.7406	-0.3282	-1.37E-3	1.03E-4	-3.69E-4
161	CC1	1.7478	1.1437	-0.3002	3.25E-4	-7.29E-4	1.37E-4
	CC2	1.7828	1.0263	-0.3015	2.88E-4	-7.49E-4	2.35E-4
	CC3	1.6962	-1.0363	-0.3095	-5.01E-4	-7.40E-4	-1.53E-4
	CC4	1.7312	-1.1538	-0.3108	-5.38E-4	-7.61E-4	-5.38E-5
	CC5	-1.7378	1.1828	-0.1728	5.55E-4	7.50E-4	6.14E-5
	CC6	-1.7028	1.0653	-0.1741	5.18E-4	7.30E-4	1.60E-4
	CC7	-1.7894	-0.9973	-0.1821	-2.71E-4	7.38E-4	-2.28E-4
	CC8	-1.7544	-1.1147	-0.1834	-3.08E-4	7.18E-4	-1.29E-4
	CC9	0.5620	3.7879	-0.2438	1.40E-3	-1.82E-4	3.74E-4
	CC10	0.6490	3.4961	-0.2470	1.30E-3	-2.33E-4	6.20E-4
	CC11	-0.4836	3.7996	-0.2056	1.46E-3	2.61E-4	3.52E-4
	CC12	-0.3967	3.5078	-0.2088	1.37E-3	2.11E-4	5.97E-4
	CC13	0.3901	-3.4788	-0.2748	-1.36E-3	-2.21E-4	-5.89E-4
	CC14	0.4770	-3.7706	-0.2780	-1.45E-3	-2.72E-4	-3.44E-4
	CC15	-0.6556	-3.4671	-0.2366	-1.29E-3	2.22E-4	-6.12E-4
	CC16	-0.5687	-3.7589	-0.2398	-1.38E-3	1.72E-4	-3.67E-4
162	CC1	1.7912	1.1382	-0.4094	3.24E-4	-6.07E-4	1.44E-4
	CC2	1.8600	1.0165	-0.4014	2.87E-4	-6.24E-4	2.42E-4
	CC3	1.6406	-1.0296	-0.2396	-4.29E-4	-5.78E-4	-1.46E-4
	CC4	1.7094	-1.1513	-0.2316	-4.66E-4	-5.96E-4	-4.68E-5
	CC5	-1.7190	1.1804	-0.2665	4.85E-4	6.08E-4	6.84E-5
	CC6	-1.6502	1.0587	-0.2585	4.48E-4	5.90E-4	1.67E-4
	CC7	-1.8696	-0.9874	-0.0967	-2.69E-4	6.36E-4	-2.21E-4
	CC8	-1.8008	-1.1090	-0.0888	-3.06E-4	6.18E-4	-1.22E-4
	CC9	0.6872	3.7722	-0.5633	1.29E-3	-2.01E-4	3.81E-4
	CC10	0.8582	3.4701	-0.5436	1.20E-3	-2.45E-4	6.27E-4
	CC11	-0.3658	3.7849	-0.5205	1.34E-3	1.64E-4	3.59E-4
	CC12	-0.1948	3.4827	-0.5007	1.24E-3	1.19E-4	6.04E-4
	CC13	0.1852	-3.4536	0.0026	-1.22E-3	-1.07E-4	-5.83E-4
	CC14	0.3562	-3.7558	0.0223	-1.32E-3	-1.52E-4	-3.37E-4
	CC15	-0.8678	-3.4409	0.0455	-1.18E-3	2.57E-4	-6.05E-4
	CC16	-0.6968	-3.7431	0.0652	-1.27E-3	2.13E-4	-3.60E-4
163	CC1	1.7479	1.0986	-0.4394	2.89E-4	-5.80E-4	1.34E-4
	CC2	1.7829	0.9500	-0.4427	2.50E-4	-5.86E-4	2.33E-4
	CC3	1.6963	-0.9908	-0.4332	-3.87E-4	-5.00E-4	-1.55E-4
	CC4	1.7313	-1.1393	-0.4365	-4.25E-4	-5.06E-4	-5.59E-5
	CC5	-1.7377	1.1611	-0.0622	4.44E-4	5.36E-4	5.92E-5
	CC6	-1.7027	1.0126	-0.0655	4.06E-4	5.30E-4	1.58E-4
	CC7	-1.7893	-0.9282	-0.0560	-2.31E-4	6.16E-4	-2.30E-4
	CC8	-1.7543	-1.0767	-0.0593	-2.70E-4	6.10E-4	-1.31E-4
	CC9	0.5622	3.6682	-0.3122	1.16E-3	-2.78E-4	3.72E-4
	CC10	0.6491	3.2993	-0.3204	1.06E-3	-2.94E-4	6.18E-4
	CC11	-0.4835	3.6869	-0.1990	1.21E-3	5.66E-5	3.50E-4
	CC12	-0.3966	3.3181	-0.2073	1.11E-3	4.07E-5	5.95E-4
	CC13	0.3902	-3.2963	-0.2915	-1.09E-3	-1.08E-5	-5.92E-4
	CC14	0.4771	-3.6651	-0.2997	-1.19E-3	-2.67E-5	-3.46E-4
	CC15	-0.6555	-3.2775	-0.1783	-1.04E-3	3.24E-4	-6.14E-4
	CC16	-0.5686	-3.6463	-0.1866	-1.14E-3	3.08E-4	-3.69E-4
164	CC1	1.7912	1.0986	-0.5313	3.01E-4	-6.65E-4	1.35E-4
	CC2	1.8600	0.9501	-0.5246	2.60E-4	-6.79E-4	2.34E-4
	CC3	1.6406	-0.9908	-0.3516	-4.10E-4	-6.18E-4	-1.54E-4
	CC4	1.7094	-1.1393	-0.3449	-4.51E-4	-6.33E-4	-5.54E-5
	CC5	-1.7190	1.1611	-0.1528	4.27E-4	6.68E-4	5.97E-5
	CC6	-1.6501	1.0126	-0.1461	3.86E-4	6.53E-4	1.59E-4

	CC7	-1.8696	-0.9282	0.0269	-2.85E-4	7.15E-4	-2.29E-4
	CC8	-1.8007	-1.0767	0.0336	-3.26E-4	7.00E-4	-1.31E-4
	CC9	0.6872	3.6682	-0.6134	1.21E-3	-2.42E-4	3.73E-4
	CC10	0.8582	3.2994	-0.5968	1.10E-3	-2.78E-4	6.18E-4
	CC11	-0.3658	3.6869	-0.4998	1.24E-3	1.58E-4	3.50E-4
	CC12	-0.1948	3.3181	-0.4832	1.14E-3	1.22E-4	5.95E-4
	CC13	0.1852	-3.2963	-0.0145	-1.17E-3	-8.65E-5	-5.91E-4
	CC14	0.3562	-3.6651	0.0021	-1.27E-3	-1.22E-4	-3.46E-4
	CC15	-0.8678	-3.2775	0.0991	-1.13E-3	3.13E-4	-6.14E-4
	CC16	-0.6968	-3.6463	0.1157	-1.23E-3	2.78E-4	-3.68E-4
165	CC1	1.6315	1.0781	-0.5413	-8.85E-4	-4.17E-4	1.41E-4
	CC2	1.5743	0.9136	-0.5459	-9.88E-4	-4.09E-4	2.40E-4
	CC3	1.8497	-0.9644	-0.6804	-2.01E-3	-4.91E-4	-1.48E-4
	CC4	1.7925	-1.1290	-0.6851	-2.12E-3	-4.84E-4	-4.91E-5
	CC5	-1.7871	1.1528	0.0910	2.30E-3	5.58E-4	6.60E-5
	CC6	-1.8442	0.9883	0.0863	2.19E-3	5.66E-4	1.65E-4
	CC7	-1.5688	-0.8897	-0.0482	1.17E-3	4.84E-4	-2.23E-4
	CC8	-1.6260	-1.0542	-0.0528	1.07E-3	4.91E-4	-1.24E-4
	CC9	0.2229	3.6093	-0.1542	1.62E-3	6.46E-6	3.79E-4
	CC10	0.0808	3.2007	-0.1658	1.37E-3	2.50E-5	6.24E-4
	CC11	-0.8027	3.6317	0.0355	2.58E-3	2.99E-4	3.56E-4
	CC12	-0.9447	3.2231	0.0238	2.32E-3	3.17E-4	6.02E-4
	CC13	0.9502	-3.1993	-0.6179	-2.14E-3	-2.43E-4	-5.85E-4
	CC14	0.8082	-3.6078	-0.6296	-2.40E-3	-2.25E-4	-3.39E-4
	CC15	-0.0754	-3.1768	-0.4283	-1.19E-3	4.94E-5	-6.07E-4
	CC16	-0.2174	-3.5854	-0.4399	-1.44E-3	6.79E-5	-3.62E-4
166	CC1	1.7128	1.0778	-0.4817	1.87E-4	-5.99E-4	1.32E-4
	CC2	1.7197	0.9133	-0.4888	1.65E-4	-6.11E-4	2.31E-4
	CC3	1.7435	-0.9647	-0.5457	-2.56E-4	-6.34E-4	-1.57E-4
	CC4	1.7504	-1.1292	-0.5528	-2.78E-4	-6.45E-4	-5.82E-5
	CC5	-1.7524	1.1526	0.0371	1.51E-4	6.93E-4	5.70E-5
	CC6	-1.7455	0.9880	0.0300	1.30E-4	6.82E-4	1.56E-4
	CC7	-1.7216	-0.8900	-0.0269	-2.92E-4	6.58E-4	-2.32E-4
	CC8	-1.7147	-1.0545	-0.0341	-3.13E-4	6.47E-4	-1.33E-4
	CC9	0.4589	3.6090	-0.2202	7.07E-4	-9.82E-5	3.70E-4
	CC10	0.4761	3.2004	-0.2378	6.54E-4	-1.26E-4	6.15E-4
	CC11	-0.5806	3.6314	-0.0645	6.97E-4	2.89E-4	3.47E-4
	CC12	-0.5635	3.2229	-0.0822	6.43E-4	2.62E-4	5.93E-4
	CC13	0.5615	-3.1995	-0.4335	-7.70E-4	-2.14E-4	-5.94E-4
	CC14	0.5786	-3.6081	-0.4512	-8.23E-4	-2.42E-4	-3.49E-4
	CC15	-0.4780	-3.1771	-0.2779	-7.80E-4	1.73E-4	-6.16E-4
	CC16	-0.4609	-3.5857	-0.2956	-8.34E-4	1.46E-4	-3.71E-4
167	CC1	1.7479	1.0776	-0.5373	3.08E-4	-7.28E-4	1.27E-4
	CC2	1.7830	0.9130	-0.5418	2.77E-4	-7.44E-4	2.26E-4
	CC3	1.6964	-0.9650	-0.5166	-2.45E-4	-6.93E-4	-1.62E-4
	CC4	1.7314	-1.1295	-0.5211	-2.76E-4	-7.09E-4	-6.33E-5
	CC5	-1.7376	1.1523	0.0285	2.56E-4	7.24E-4	5.18E-5
	CC6	-1.7026	0.9878	0.0240	2.25E-4	7.07E-4	1.51E-4
	CC7	-1.7892	-0.8903	0.0492	-2.97E-4	7.59E-4	-2.37E-4
	CC8	-1.7542	-1.0548	0.0447	-3.27E-4	7.42E-4	-1.39E-4
	CC9	0.5622	3.6087	-0.3600	9.57E-4	-2.49E-4	3.65E-4
	CC10	0.6492	3.2002	-0.3713	8.81E-4	-2.89E-4	6.10E-4
	CC11	-0.4834	3.6311	-0.1903	9.41E-4	1.87E-4	3.42E-4
	CC12	-0.3965	3.2226	-0.2016	8.66E-4	1.46E-4	5.88E-4
	CC13	0.3903	-3.1998	-0.2911	-8.85E-4	-1.32E-4	-5.99E-4
	CC14	0.4772	-3.6084	-0.3023	-9.61E-4	-1.72E-4	-3.54E-4
	CC15	-0.6554	-3.1774	-0.1213	-9.01E-4	3.04E-4	-6.22E-4
	CC16	-0.5685	-3.5860	-0.1326	-9.77E-4	2.63E-4	-3.76E-4
168	CC1	1.7912	1.0774	-0.6427	3.21E-4	-8.10E-4	1.30E-4
	CC2	1.8600	0.9129	-0.6393	2.75E-4	-8.40E-4	2.29E-4
	CC3	1.6406	-0.9652	-0.4564	-4.35E-4	-7.66E-4	-1.59E-4
	CC4	1.7094	-1.1297	-0.4530	-4.80E-4	-7.96E-4	-6.05E-5
	CC5	-1.7190	1.1521	-0.0381	4.60E-4	8.13E-4	5.46E-5
	CC6	-1.6501	0.9876	-0.0347	4.14E-4	7.83E-4	1.53E-4
	CC7	-1.8696	-0.8904	0.1482	-2.96E-4	8.57E-4	-2.34E-4
	CC8	-1.8007	-1.0550	0.1516	-3.41E-4	8.27E-4	-1.36E-4
	CC9	0.6872	3.6086	-0.6509	1.28E-3	-2.72E-4	3.68E-4
	CC10	0.8582	3.2000	-0.6425	1.17E-3	-3.46E-4	6.13E-4
	CC11	-0.3658	3.6310	-0.4695	1.33E-3	2.15E-4	3.45E-4
	CC12	-0.1948	3.2224	-0.4611	1.21E-3	1.41E-4	5.90E-4
	CC13	0.1852	-3.2000	-0.0300	-1.23E-3	-1.24E-4	-5.96E-4
	CC14	0.3562	-3.6085	-0.0216	-1.35E-3	-1.98E-4	-3.51E-4

	CC15	-0.8678	-3.1776	0.1514	-1.19E-3	3.63E-4	-6.19E-4
	CC16	-0.6968	-3.5861	0.1598	-1.31E-3	2.89E-4	-3.73E-4
169	CC1	1.6486	1.3103	-0.2712	3.07E-3	-9.54E-4	2.44E-4
	CC2	1.5913	1.2615	-0.2726	3.10E-3	-9.48E-4	3.48E-4
	CC3	1.8693	-1.1132	-0.3281	8.18E-4	-1.08E-3	-3.53E-5
	CC4	1.8120	-1.1619	-0.3296	8.49E-4	-1.07E-3	6.89E-5
	CC5	-1.8073	1.2254	-0.1848	-3.75E-4	8.99E-4	-5.69E-5
	CC6	-1.8647	1.1766	-0.1863	-3.44E-4	9.05E-4	4.73E-5
	CC7	-1.5867	-1.1981	-0.2417	-2.62E-3	7.76E-4	-3.36E-4
	CC8	-1.6440	-1.2469	-0.2432	-2.59E-3	7.83E-4	-2.32E-4
	CC9	0.2241	4.1441	-0.1734	4.46E-3	-1.67E-4	3.87E-4
	CC10	0.0817	4.0230	-0.1771	4.54E-3	-1.51E-4	6.46E-4
	CC11	-0.8127	4.1187	-0.1475	3.43E-3	3.89E-4	2.97E-4
	CC12	-0.9551	3.9975	-0.1512	3.50E-3	4.05E-4	5.55E-4
	CC13	0.9597	-3.9341	-0.3631	-3.03E-3	-5.76E-4	-5.43E-4
	CC14	0.8173	-4.0552	-0.3668	-2.95E-3	-5.60E-4	-2.85E-4
	CC15	-0.0771	-3.9596	-0.3372	-4.06E-3	-2.02E-5	-6.34E-4
	CC16	-0.2195	-4.0807	-0.3409	-3.99E-3	-4.57E-6	-3.75E-4
170	CC1	1.8025	1.3001	-0.2708	-6.74E-5	-2.91E-4	2.11E-4
	CC2	1.8123	1.2513	-0.2705	-6.28E-5	-3.02E-4	3.16E-4
	CC3	1.8432	-1.1234	-0.3085	9.53E-5	-3.29E-4	-6.76E-5
	CC4	1.8531	-1.1722	-0.3083	9.99E-5	-3.40E-4	3.66E-5
	CC5	-1.8468	1.2151	-0.1431	-2.57E-4	1.50E-4	-8.93E-5
	CC6	-1.8370	1.1664	-0.1429	-2.53E-4	1.39E-4	1.50E-5
	CC7	-1.8061	-1.2083	-0.1809	-9.46E-5	1.13E-4	-3.68E-4
	CC8	-1.7962	-1.2571	-0.1807	-9.00E-5	1.02E-4	-2.64E-4
	CC9	0.4703	4.1339	-0.1822	-3.27E-4	-8.44E-5	3.54E-4
	CC10	0.4949	4.0128	-0.1817	-3.16E-4	-1.12E-4	6.13E-4
	CC11	-0.6245	4.1084	-0.1439	-3.84E-4	4.80E-5	2.64E-4
	CC12	-0.5999	3.9873	-0.1434	-3.73E-4	2.07E-5	5.23E-4
	CC13	0.6061	-3.9443	-0.3080	2.15E-4	-2.10E-4	-5.76E-4
	CC14	0.6307	-4.0655	-0.3075	2.27E-4	-2.37E-4	-3.17E-4
	CC15	-0.4886	-3.9698	-0.2698	1.58E-4	-7.74E-5	-6.66E-4
	CC16	-0.4641	-4.0909	-0.2692	1.70E-4	-1.05E-4	-4.07E-4
171	CC1	1.8667	1.3056	-0.1236	8.69E-5	-2.85E-4	2.25E-4
	CC2	1.9066	1.2568	-0.1197	7.28E-5	-2.95E-4	3.29E-4
	CC3	1.8268	-1.1179	-0.1051	-2.62E-4	-3.14E-4	-5.41E-5
	CC4	1.8667	-1.1666	-0.1011	-2.76E-4	-3.25E-4	5.02E-5
	CC5	-1.8690	1.2207	-0.3850	4.46E-4	2.27E-4	-7.57E-5
	CC6	-1.8291	1.1719	-0.3810	4.32E-4	2.17E-4	2.85E-5
	CC7	-1.9088	-1.2028	-0.3664	9.69E-5	1.98E-4	-3.55E-4
	CC8	-1.8689	-1.2516	-0.3624	8.29E-5	1.87E-4	-2.51E-4
	CC9	0.5761	4.1394	-0.2397	6.30E-4	-6.25E-5	3.68E-4
	CC10	0.6752	4.0183	-0.2299	5.95E-4	-8.93E-5	6.27E-4
	CC11	-0.5446	4.1140	-0.3181	7.38E-4	9.11E-5	2.78E-4
	CC12	-0.4455	3.9928	-0.3083	7.03E-4	6.42E-5	5.37E-4
	CC13	0.4433	-3.9388	-0.1778	-5.33E-4	-1.62E-4	-5.62E-4
	CC14	0.5424	-4.0599	-0.1680	-5.68E-4	-1.89E-4	-3.03E-4
	CC15	-0.6774	-3.9643	-0.2562	-4.26E-4	-8.37E-6	-6.52E-4
	CC16	-0.5783	-4.0854	-0.2464	-4.60E-4	-3.52E-5	-3.94E-4
172	CC1	1.9462	1.3248	-0.1284	2.91E-5	-1.78E-4	2.48E-4
	CC2	2.0218	1.2804	-0.1165	2.21E-5	-1.86E-4	3.52E-4
	CC3	1.8108	-1.1104	0.0569	-1.01E-4	-2.62E-4	-3.16E-5
	CC4	1.8864	-1.1548	0.0688	-1.08E-4	-2.70E-4	7.27E-5
	CC5	-1.8922	1.2272	-0.6210	2.00E-4	2.54E-4	-5.32E-5
	CC6	-1.8166	1.1828	-0.6091	1.92E-4	2.46E-4	5.10E-5
	CC7	-2.0276	-1.2080	-0.4357	6.96E-5	1.70E-4	-3.32E-4
	CC8	-1.9520	-1.2524	-0.4238	6.26E-5	1.62E-4	-2.28E-4
	CC9	0.7046	4.1647	-0.5258	2.46E-4	7.72E-5	3.91E-4
	CC10	0.8924	4.0544	-0.4963	2.28E-4	5.71E-5	6.49E-4
	CC11	-0.4469	4.1354	-0.6736	2.97E-4	2.07E-4	3.00E-4
	CC12	-0.2592	4.0251	-0.6440	2.79E-4	1.87E-4	5.59E-4
	CC13	0.2533	-3.9528	0.0918	-1.87E-4	-2.03E-4	-5.40E-4
	CC14	0.4411	-4.0630	0.1214	-2.05E-4	-2.23E-4	-2.81E-4
	CC15	-0.8982	-3.9820	-0.0560	-1.36E-4	-7.30E-5	-6.30E-4
	CC16	-0.7105	-4.0923	-0.0264	-1.54E-4	-9.32E-5	-3.71E-4
173	CC1	1.6494	1.2164	-0.2706	4.28E-4	-2.82E-4	2.52E-4
	CC2	1.5920	1.1288	-0.2734	4.04E-4	-2.83E-4	3.56E-4
	CC3	1.8700	-1.1030	-0.3567	-4.32E-4	-3.18E-4	-2.74E-5
	CC4	1.8127	-1.1907	-0.3595	-4.56E-4	-3.18E-4	7.69E-5
	CC5	-1.8066	1.2454	-0.1984	7.52E-4	2.53E-4	-4.90E-5
	CC6	-1.8639	1.1577	-0.2013	7.28E-4	2.53E-4	5.53E-5

	CC7	-1.5859	-1.0741	-0.2846	-1.08E-4	2.18E-4	-3.28E-4
	CC8	-1.6432	-1.1618	-0.2874	-1.32E-4	2.17E-4	-2.24E-4
	CC9	0.2249	3.9976	-0.1428	1.56E-3	-5.38E-5	3.95E-4
	CC10	0.0825	3.7799	-0.1498	1.50E-3	-5.42E-5	6.54E-4
	CC11	-0.8119	4.0063	-0.1211	1.66E-3	1.07E-4	3.05E-4
	CC12	-0.9543	3.7886	-0.1281	1.60E-3	1.06E-4	5.63E-4
	CC13	0.9604	-3.7339	-0.4298	-1.30E-3	-1.71E-4	-5.36E-4
	CC14	0.8181	-3.9516	-0.4368	-1.36E-3	-1.72E-4	-2.77E-4
	CC15	-0.0763	-3.7252	-0.4082	-1.21E-3	-1.07E-5	-6.26E-4
	CC16	-0.2187	-3.9430	-0.4152	-1.27E-3	-1.11E-5	-3.67E-4
174	CC1	1.8015	1.2092	-0.2749	-1.14E-4	-2.10E-4	2.37E-4
	CC2	1.8114	1.1216	-0.2760	-1.17E-4	-2.19E-4	3.41E-4
	CC3	1.8422	-1.1102	-0.3249	-1.58E-4	-2.38E-4	-4.22E-5
	CC4	1.8521	-1.1979	-0.3260	-1.62E-4	-2.46E-4	6.21E-5
	CC5	-1.8478	1.2382	-0.1850	1.83E-5	2.01E-4	-6.38E-5
	CC6	-1.8379	1.1505	-0.1862	1.50E-5	1.93E-4	4.04E-5
	CC7	-1.8071	-1.0813	-0.2351	-2.62E-5	1.73E-4	-3.43E-4
	CC8	-1.7972	-1.1690	-0.2362	-2.95E-5	1.65E-4	-2.39E-4
	CC9	0.4694	3.9904	-0.1842	-1.34E-5	-2.79E-5	3.80E-4
	CC10	0.4939	3.7727	-0.1871	-2.14E-5	-4.87E-5	6.39E-4
	CC11	-0.6254	3.9991	-0.1573	2.63E-5	9.54E-5	2.90E-4
	CC12	-0.6009	3.7814	-0.1601	1.83E-5	7.47E-5	5.49E-4
	CC13	0.6052	-3.7411	-0.3509	-1.62E-4	-1.20E-4	-5.50E-4
	CC14	0.6297	-3.9588	-0.3538	-1.70E-4	-1.41E-4	-2.91E-4
	CC15	-0.4896	-3.7324	-0.3240	-1.22E-4	3.25E-6	-6.41E-4
	CC16	-0.4651	-3.9502	-0.3268	-1.30E-4	-1.75E-5	-3.82E-4
175	CC1	1.8662	1.2085	-0.1911	1.12E-4	-2.37E-4	2.48E-4
	CC2	1.9061	1.1209	-0.1888	1.00E-4	-2.46E-4	3.52E-4
	CC3	1.8263	-1.1109	-0.1708	-1.79E-4	-2.77E-4	-3.14E-5
	CC4	1.8662	-1.1986	-0.1686	-1.91E-4	-2.86E-4	7.28E-5
	CC5	-1.8695	1.2375	-0.3363	2.49E-4	3.17E-4	-5.30E-5
	CC6	-1.8296	1.1498	-0.3340	2.36E-4	3.08E-4	5.12E-5
	CC7	-1.9094	-1.0820	-0.3160	-4.24E-5	2.77E-4	-3.32E-4
	CC8	-1.8694	-1.1697	-0.3138	-5.46E-5	2.68E-4	-2.28E-4
	CC9	0.5755	3.9897	-0.2672	5.09E-4	9.75E-6	3.91E-4
	CC10	0.6747	3.7720	-0.2616	4.78E-4	-1.29E-5	6.50E-4
	CC11	-0.5452	3.9984	-0.3107	5.50E-4	1.76E-4	3.01E-4
	CC12	-0.4460	3.7807	-0.3051	5.19E-4	1.53E-4	5.59E-4
	CC13	0.4427	-3.7418	-0.1997	-4.61E-4	-1.23E-4	-5.40E-4
	CC14	0.5419	-3.9595	-0.1941	-4.92E-4	-1.45E-4	-2.81E-4
	CC15	-0.6780	-3.7331	-0.2433	-4.21E-4	4.34E-5	-6.30E-4
	CC16	-0.5788	-3.9509	-0.2377	-4.51E-4	2.08E-5	-3.71E-4
176	CC1	1.9458	1.2119	-0.2626	1.44E-4	-3.03E-4	2.58E-4
	CC2	2.0214	1.1242	-0.2549	1.34E-4	-3.11E-4	3.62E-4
	CC3	1.8104	-1.1076	-0.1076	-8.58E-5	-3.50E-4	-2.11E-5
	CC4	1.8861	-1.1953	-0.0999	-9.59E-5	-3.58E-4	8.31E-5
	CC5	-1.8926	1.2408	-0.4283	1.10E-4	4.20E-4	-4.27E-5
	CC6	-1.8169	1.1531	-0.4206	1.00E-4	4.12E-4	6.15E-5
	CC7	-2.0279	-1.0787	-0.2734	-1.19E-4	3.73E-4	-3.22E-4
	CC8	-1.9523	-1.1663	-0.2657	-1.29E-4	3.65E-4	-2.18E-4
	CC9	0.7043	3.9931	-0.5070	4.07E-4	1.08E-5	4.01E-4
	CC10	0.8920	3.7753	-0.4879	3.82E-4	-9.39E-6	6.60E-4
	CC11	-0.4472	4.0017	-0.5568	3.97E-4	2.28E-4	3.11E-4
	CC12	-0.2595	3.7840	-0.5376	3.72E-4	2.07E-4	5.70E-4
	CC13	0.2530	-3.7385	0.0094	-3.58E-4	-1.45E-4	-5.29E-4
	CC14	0.4407	-3.9562	0.0285	-3.83E-4	-1.65E-4	-2.70E-4
	CC15	-0.8985	-3.7298	-0.0403	-3.68E-4	7.15E-5	-6.19E-4
	CC16	-0.7108	-3.9475	-0.0212	-3.93E-4	5.13E-5	-3.61E-4
177	CC1	1.6491	1.1301	-0.3489	-3.26E-4	-3.50E-4	2.42E-4
	CC2	1.5918	1.0051	-0.3517	-3.92E-4	-3.50E-4	3.47E-4
	CC3	1.8698	-1.0895	-0.4341	-1.31E-3	-3.94E-4	-3.66E-5
	CC4	1.8124	-1.2145	-0.4369	-1.37E-3	-3.93E-4	6.76E-5
	CC5	-1.8068	1.2652	-0.1394	1.79E-3	3.22E-4	-5.83E-5
	CC6	-1.8642	1.1402	-0.1422	1.72E-3	3.22E-4	4.60E-5
	CC7	-1.5862	-0.9544	-0.2246	8.10E-4	2.79E-4	-3.37E-4
	CC8	-1.6435	-1.0794	-0.2274	7.44E-4	2.79E-4	-2.33E-4
	CC9	0.2246	3.8597	-0.1741	1.61E-3	-6.50E-5	3.86E-4
	CC10	0.0822	3.5493	-0.1811	1.44E-3	-6.46E-5	6.44E-4
	CC11	-0.8122	3.9002	-0.1112	2.24E-3	1.37E-4	2.95E-4
	CC12	-0.9546	3.5898	-0.1182	2.08E-3	1.37E-4	5.54E-4
	CC13	0.9602	-3.5391	-0.4581	-1.66E-3	-2.09E-4	-5.45E-4
	CC14	0.8178	-3.8495	-0.4651	-1.82E-3	-2.08E-4	-2.86E-4

	CC15	-0.0766	-3.4986	-0.3952	-1.03E-3	-7.13E-6	-6.35E-4
	CC16	-0.2190	-3.8090	-0.4022	-1.19E-3	-6.75E-6	-3.76E-4
178	CC1	1.8005	1.1201	-0.3048	-2.43E-4	-3.55E-4	2.37E-4
	CC2	1.8104	0.9946	-0.3081	-2.45E-4	-3.66E-4	3.41E-4
	CC3	1.8412	-1.0982	-0.3582	-2.03E-4	-3.78E-4	-4.25E-5
	CC4	1.8511	-1.2237	-0.3615	-2.05E-4	-3.88E-4	6.17E-5
	CC5	-1.8488	1.2566	-0.1570	7.34E-5	3.39E-4	-6.41E-5
	CC6	-1.8389	1.1311	-0.1603	7.17E-5	3.29E-4	4.01E-5
	CC7	-1.8081	-0.9617	-0.2104	1.13E-4	3.16E-4	-3.43E-4
	CC8	-1.7982	-1.0872	-0.2137	1.12E-4	3.06E-4	-2.39E-4
	CC9	0.4684	3.8490	-0.1883	-1.78E-4	-7.82E-5	3.80E-4
	CC10	0.4929	3.5373	-0.1965	-1.82E-4	-1.04E-4	6.38E-4
	CC11	-0.6264	3.8899	-0.1439	-8.28E-5	1.30E-4	2.89E-4
	CC12	-0.6019	3.5782	-0.1522	-8.71E-5	1.04E-4	5.48E-4
	CC13	0.6042	-3.5454	-0.3663	-4.43E-5	-1.54E-4	-5.51E-4
	CC14	0.6287	-3.8570	-0.3746	-4.86E-5	-1.79E-4	-2.92E-4
	CC15	-0.4906	-3.5044	-0.3219	5.07E-5	5.48E-5	-6.41E-4
	CC16	-0.4661	-3.8161	-0.3302	4.64E-5	2.92E-5	-3.82E-4
179	CC1	1.8658	1.1270	-0.3054	1.38E-5	-2.28E-4	2.42E-4
	CC2	1.9057	1.0064	-0.3065	3.80E-6	-2.40E-4	3.46E-4
	CC3	1.8260	-1.1044	-0.3102	-1.30E-4	-2.74E-4	-3.76E-5
	CC4	1.8659	-1.2250	-0.3113	-1.40E-4	-2.87E-4	6.67E-5
	CC5	-1.8698	1.2494	-0.1765	1.94E-4	2.80E-4	-5.92E-5
	CC6	-1.8299	1.1288	-0.1775	1.84E-4	2.68E-4	4.50E-5
	CC7	-1.9097	-0.9819	-0.1813	5.03E-5	2.34E-4	-3.38E-4
	CC8	-1.8698	-1.1025	-0.1824	4.02E-5	2.21E-4	-2.34E-4
	CC9	0.5752	3.8626	-0.2539	2.52E-4	1.38E-5	3.85E-4
	CC10	0.6743	3.5630	-0.2565	2.27E-4	-1.70E-5	6.43E-4
	CC11	-0.5455	3.8993	-0.2152	3.06E-4	1.66E-4	2.94E-4
	CC12	-0.4464	3.5997	-0.2179	2.81E-4	1.35E-4	5.53E-4
	CC13	0.4424	-3.5753	-0.2699	-2.27E-4	-1.42E-4	-5.46E-4
	CC14	0.5415	-3.8748	-0.2726	-2.52E-4	-1.72E-4	-2.87E-4
	CC15	-0.6783	-3.5385	-0.2312	-1.73E-4	1.09E-5	-6.36E-4
	CC16	-0.5792	-3.8381	-0.2339	-1.98E-4	-2.00E-5	-3.77E-4
180	CC1	1.9457	1.1194	-0.4052	1.32E-4	-3.56E-4	2.57E-4
	CC2	2.0213	0.9944	-0.3981	1.13E-4	-3.60E-4	3.62E-4
	CC3	1.8103	-1.1001	-0.2505	-2.16E-4	-3.38E-4	-2.18E-5
	CC4	1.8859	-1.2251	-0.2434	-2.35E-4	-3.42E-4	8.25E-5
	CC5	-1.8927	1.2546	-0.2622	2.01E-4	3.80E-4	-4.34E-5
	CC6	-1.8171	1.1296	-0.2551	1.82E-4	3.76E-4	6.08E-5
	CC7	-2.0281	-0.9649	-0.1075	-1.47E-4	3.99E-4	-3.22E-4
	CC8	-1.9524	-1.0899	-0.1004	-1.66E-4	3.94E-4	-2.18E-4
	CC9	0.7042	3.8489	-0.5410	5.76E-4	-1.16E-4	4.00E-4
	CC10	0.8919	3.5384	-0.5232	5.29E-4	-1.27E-4	6.59E-4
	CC11	-0.4474	3.8895	-0.4981	5.97E-4	1.05E-4	3.10E-4
	CC12	-0.2596	3.5789	-0.4803	5.50E-4	9.43E-5	5.69E-4
	CC13	0.2529	-3.5494	-0.0253	-5.84E-4	-5.56E-5	-5.30E-4
	CC14	0.4406	-3.8600	-0.0075	-6.31E-4	-6.60E-5	-2.71E-4
	CC15	-0.8986	-3.5089	0.0176	-5.63E-4	1.65E-4	-6.20E-4
	CC16	-0.7109	-3.8194	0.0354	-6.10E-4	1.55E-4	-3.61E-4
181	CC1	1.8660	1.0468	-0.4543	1.34E-4	-5.86E-4	2.53E-4
	CC2	1.9060	0.8934	-0.4572	1.15E-4	-5.93E-4	3.58E-4
	CC3	1.8262	-1.0970	-0.4373	-1.74E-4	-5.18E-4	-2.58E-5
	CC4	1.8661	-1.2504	-0.4401	-1.93E-4	-5.25E-4	7.85E-5
	CC5	-1.8696	1.2637	-0.0648	2.68E-4	5.40E-4	-4.74E-5
	CC6	-1.8297	1.1103	-0.0676	2.50E-4	5.33E-4	5.68E-5
	CC7	-1.9095	-0.8802	-0.0477	-4.02E-5	6.08E-4	-3.27E-4
	CC8	-1.8696	-1.0335	-0.0505	-5.87E-5	6.01E-4	-2.22E-4
	CC9	0.5754	3.7375	-0.3358	5.54E-4	-2.66E-4	3.96E-4
	CC10	0.6745	3.3567	-0.3428	5.08E-4	-2.83E-4	6.55E-4
	CC11	-0.5453	3.8026	-0.2190	5.94E-4	7.19E-5	3.06E-4
	CC12	-0.4462	3.4218	-0.2259	5.48E-4	5.52E-5	5.65E-4
	CC13	0.4426	-3.4085	-0.2789	-4.73E-4	-4.01E-5	-5.34E-4
	CC14	0.5417	-3.7893	-0.2859	-5.19E-4	-5.68E-5	-2.75E-4
	CC15	-0.6781	-3.3434	-0.1620	-4.33E-4	2.98E-4	-6.24E-4
	CC16	-0.5790	-3.7243	-0.1690	-4.79E-4	2.81E-4	-3.65E-4
182	CC1	1.9457	1.0466	-0.5330	9.36E-5	-6.53E-4	2.58E-4
	CC2	2.0213	0.8933	-0.5274	7.42E-5	-6.67E-4	3.62E-4
	CC3	1.8103	-1.0972	-0.3664	-2.42E-4	-6.06E-4	-2.16E-5
	CC4	1.8859	-1.2506	-0.3607	-2.61E-4	-6.19E-4	8.27E-5
	CC5	-1.8927	1.2635	-0.1430	1.65E-4	6.49E-4	-4.32E-5
	CC6	-1.8171	1.1101	-0.1374	1.45E-4	6.36E-4	6.10E-5

	CC7	-2.0281	-0.8803	0.0236	-1.71E-4	6.96E-4	-3.22E-4
	CC8	-1.9525	-1.0337	0.0292	-1.90E-4	6.83E-4	-2.18E-4
	CC9	0.7041	3.7374	-0.5951	5.24E-4	-2.42E-4	4.01E-4
	CC10	0.8919	3.3565	-0.5811	4.76E-4	-2.76E-4	6.59E-4
	CC11	-0.4474	3.8024	-0.4781	5.46E-4	1.48E-4	3.10E-4
	CC12	-0.2596	3.4216	-0.4641	4.98E-4	1.15E-4	5.69E-4
	CC13	0.2528	-3.4087	-0.0396	-5.94E-4	-8.53E-5	-5.30E-4
	CC14	0.4406	-3.7895	-0.0257	-6.42E-4	-1.19E-4	-2.71E-4
	CC15	-0.8987	-3.3436	0.0773	-5.73E-4	3.05E-4	-6.20E-4
	CC16	-0.7109	-3.7245	0.0913	-6.21E-4	2.72E-4	-3.61E-4
183	CC1	1.6470	1.0188	-0.5418	-1.23E-3	-2.67E-4	2.52E-4
	CC2	1.5896	0.8486	-0.5465	-1.33E-3	-2.67E-4	3.56E-4
	CC3	1.8676	-1.0799	-0.6806	-2.22E-3	-3.17E-4	-2.74E-5
	CC4	1.8103	-1.2501	-0.6853	-2.32E-3	-3.17E-4	7.69E-5
	CC5	-1.8090	1.2844	0.0904	2.56E-3	4.23E-4	-4.90E-5
	CC6	-1.8663	1.1141	0.0857	2.46E-3	4.23E-4	5.52E-5
	CC7	-1.5883	-0.8143	-0.0484	1.57E-3	3.73E-4	-3.28E-4
	CC8	-1.6457	-0.9845	-0.0531	1.47E-3	3.73E-4	-2.24E-4
	CC9	0.2224	3.6864	-0.1551	1.33E-3	3.26E-5	3.95E-4
	CC10	0.0801	3.2637	-0.1668	1.08E-3	3.24E-5	6.54E-4
	CC11	-0.8143	3.7661	0.0345	2.47E-3	2.40E-4	3.05E-4
	CC12	-0.9567	3.3433	0.0228	2.22E-3	2.39E-4	5.63E-4
	CC13	0.9580	-3.3091	-0.6177	-1.98E-3	-1.33E-4	-5.36E-4
	CC14	0.8156	-3.7319	-0.6294	-2.23E-3	-1.33E-4	-2.77E-4
	CC15	-0.0788	-3.2294	-0.4281	-8.39E-4	7.40E-5	-6.26E-4
	CC16	-0.2211	-3.6522	-0.4398	-1.09E-3	7.38E-5	-3.67E-4
184	CC1	1.8002	1.0081	-0.4880	6.85E-6	-2.85E-4	2.52E-4
	CC2	1.8104	0.8379	-0.4948	9.18E-6	-2.98E-4	3.56E-4
	CC3	1.8399	-1.0905	-0.5480	-8.35E-5	-3.17E-4	-2.69E-5
	CC4	1.8502	-1.2608	-0.5548	-8.11E-5	-3.29E-4	7.73E-5
	CC5	-1.8502	1.2737	0.0332	-1.11E-4	4.34E-4	-4.85E-5
	CC6	-1.8399	1.1035	0.0264	-1.09E-4	4.22E-4	5.57E-5
	CC7	-1.8104	-0.8250	-0.0268	-2.02E-4	4.02E-4	-3.28E-4
	CC8	-1.8002	-0.9952	-0.0336	-1.99E-4	3.90E-4	-2.23E-4
	CC9	0.4686	3.6758	-0.2306	6.91E-5	1.18E-5	3.95E-4
	CC10	0.4941	3.2530	-0.2475	7.49E-5	-1.84E-5	6.54E-4
	CC11	-0.6265	3.7555	-0.0743	3.36E-5	2.28E-4	3.05E-4
	CC12	-0.6011	3.3327	-0.0912	3.94E-5	1.97E-4	5.64E-4
	CC13	0.6011	-3.3198	-0.4305	-2.32E-4	-9.27E-5	-5.35E-4
	CC14	0.6265	-3.7425	-0.4474	-2.26E-4	-1.23E-4	-2.76E-4
	CC15	-0.4941	-3.2401	-0.2741	-2.67E-4	1.23E-4	-6.25E-4
	CC16	-0.4686	-3.6629	-0.2910	-2.62E-4	9.29E-5	-3.66E-4
185	CC1	1.8664	1.0050	-0.5364	1.36E-4	-3.78E-4	2.46E-4
	CC2	1.9063	0.8348	-0.5406	1.20E-4	-3.89E-4	3.50E-4
	CC3	1.8266	-1.0936	-0.5130	-1.90E-4	-3.90E-4	-3.34E-5
	CC4	1.8665	-1.2639	-0.5173	-2.06E-4	-4.02E-4	7.09E-5
	CC5	-1.8693	1.2706	0.0197	2.04E-4	4.47E-4	-5.50E-5
	CC6	-1.8294	1.1003	0.0155	1.88E-4	4.35E-4	4.92E-5
	CC7	-1.9091	-0.8281	0.0431	-1.23E-4	4.34E-4	-3.34E-4
	CC8	-1.8692	-0.9983	0.0388	-1.39E-4	4.23E-4	-2.30E-4
	CC9	0.5758	3.6727	-0.3658	5.53E-4	-6.61E-5	3.89E-4
	CC10	0.6749	3.2499	-0.3763	5.13E-4	-9.40E-5	6.48E-4
	CC11	-0.5449	3.7523	-0.1990	5.73E-4	1.81E-4	2.99E-4
	CC12	-0.4458	3.3296	-0.2095	5.33E-4	1.53E-4	5.57E-4
	CC13	0.4430	-3.3229	-0.2881	-5.36E-4	-1.08E-4	-5.42E-4
	CC14	0.5421	-3.7456	-0.2986	-5.76E-4	-1.36E-4	-2.83E-4
	CC15	-0.6777	-3.2432	-0.1212	-5.15E-4	1.39E-4	-6.32E-4
	CC16	-0.5786	-3.6660	-0.1317	-5.56E-4	1.11E-4	-3.73E-4
186	CC1	1.9456	1.0048	-0.6310	8.32E-5	-4.95E-4	2.51E-4
	CC2	2.0212	0.8345	-0.6281	6.81E-5	-5.11E-4	3.55E-4
	CC3	1.8102	-1.0939	-0.4590	-1.97E-4	-5.02E-4	-2.85E-5
	CC4	1.8859	-1.2641	-0.4562	-2.12E-4	-5.17E-4	7.57E-5
	CC5	-1.8928	1.2704	-0.0393	1.47E-4	5.65E-4	-5.02E-5
	CC6	-1.8172	1.1001	-0.0365	1.31E-4	5.49E-4	5.41E-5
	CC7	-2.0281	-0.8283	0.1326	-1.33E-4	5.58E-4	-3.29E-4
	CC8	-1.9525	-0.9985	0.1355	-1.48E-4	5.42E-4	-2.25E-4
	CC9	0.7041	3.6724	-0.6266	4.43E-4	-1.04E-4	3.94E-4
	CC10	0.8918	3.2497	-0.6195	4.05E-4	-1.43E-4	6.52E-4
	CC11	-0.4475	3.7521	-0.4491	4.62E-4	2.14E-4	3.03E-4
	CC12	-0.2597	3.3293	-0.4420	4.24E-4	1.74E-4	5.62E-4
	CC13	0.2528	-3.3231	-0.0535	-4.90E-4	-1.27E-4	-5.37E-4
	CC14	0.4405	-3.7459	-0.0464	-5.27E-4	-1.66E-4	-2.78E-4

	CC15	-0.8987	-3.2434	0.1240	-4.71E-4	1.91E-4	-6.27E-4
	CC16	-0.7110	-3.6662	0.1311	-5.08E-4	1.52E-4	-3.68E-4

4.3.2 Verifica.

Tale verifica, controlla che gli spostamenti strutturali non producano danni tali da compromettere l'agibilità della struttura. Gli spostamenti considerati sono relativi alle combinazioni di carico descritte nel paragrafo "Condizioni di carico valutate" della presente relazione.

Si riportano i dati della verifica:

Vx max : valore massimo della traslazione X globale dell'impalcato considerato;
 Vy max : valore massimo della traslazione Y globale dell'impalcato considerato;
 Vx min : valore minimo della traslazione X globale dell'impalcato considerato;
 Vy min : valore minimo della traslazione Y globale dell'impalcato considerato;

Tabella 90.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
0	0.1978	0.2665	0.1191	0.2613
1	0.7254	0.7595	1.3063	1.9305
2	1.3493	1.4170	2.6715	4.1213
3	1.7524	1.8600	3.6078	5.7442
4	1.8468	2.0218	3.7319	4.1647

Per edifici con 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;

Si riportano, quindi, i risultati della verifica:

Impalcati : impalcati relativi al piano reale considerato;
 drx : traslazione relativa X globale del piano considerato;
 dry : traslazione relativa Y globale del piano considerato;
 h : altezza del piano considerato;
 dlim : spostamento limite da normativa;
 Esito : esito della verifica;

Tabella 90.III

Piano Reale	Impalcati	drx [cm]	dry [cm]	h [cm]	dlim [cm]	Esito
1	0 - 1	0.5276	1.6692	330.00	1.65	Non Verificato
2	1 - 2	0.6574	2.1908	335.00	1.67	Non Verificato
3	2 - 3	0.4430	1.6229	335.00	1.67	Verificato
4	3 - 4	0.1617	1.5796	304.26	1.52	Non Verificato

L'indicatore di rischio è dato dalla PGA (SLD) della struttura diviso per la PGA di riferimento.

$PGA_{SLD} = 0.1286$

$PGA_{Rif,SLD} = 0.1505$

Indicatore di rischio = 0.8547

La verifica all'SLD risulta non soddisfatta.

4.4 Verifica Stati Limite SLO - PGA SLO = 0.1317 g.

4.4.1 Cinematismi Nodali SLO.

Tabella 91.I

FaTA e-version - Vers 34.1.7

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
1	CC1	0.1507	0.0442	-0.0186	1.17E-4	-4.71E-4	-1.64E-4
	CC2	0.1332	0.0740	-0.0012	2.08E-4	-4.71E-4	-8.21E-5
	CC3	0.1710	-0.0534	-0.1376	-3.45E-4	-3.13E-4	-3.46E-4
	CC4	0.1535	-0.0236	-0.1203	-2.54E-4	-3.13E-4	-2.64E-4
	CC5	-0.1503	0.0268	-0.3719	-6.09E-4	6.60E-4	2.65E-4
	CC6	-0.1678	0.0566	-0.3545	-5.18E-4	6.59E-4	3.47E-4
	CC7	-0.1299	-0.0708	-0.4909	-1.07E-3	8.18E-4	8.27E-5
	CC8	-0.1474	-0.0410	-0.4735	-9.80E-4	8.17E-4	1.65E-4
	CC9	0.0346	0.1299	-0.0162	3.35E-4	-2.59E-4	1.37E-4
	CC10	-0.0088	0.2039	0.0269	5.61E-4	-2.60E-4	3.41E-4
	CC11	-0.0557	0.1247	-0.1222	1.17E-4	8.04E-5	2.66E-4
	CC12	-0.0991	0.1987	-0.0790	3.43E-4	7.88E-5	4.70E-4
	CC13	0.1024	-0.1955	-0.4131	-1.21E-3	2.67E-4	-4.69E-4
	CC14	0.0589	-0.1214	-0.3699	-9.80E-4	2.66E-4	-2.66E-4
	CC15	0.0121	-0.2007	-0.5190	-1.42E-3	6.07E-4	-3.41E-4
	CC16	-0.0314	-0.1267	-0.4759	-1.20E-3	6.05E-4	-1.37E-4
2	CC1	0.1345	0.0455	-0.0349	1.55E-4	-3.89E-4	1.67E-4
	CC2	0.1371	0.0752	-0.0277	2.76E-4	-3.98E-4	2.10E-4
	CC3	0.1351	-0.0520	-0.0454	-3.67E-4	-4.01E-4	7.37E-5
	CC4	0.1378	-0.0223	-0.0382	-2.46E-4	-4.10E-4	1.17E-4
	CC5	-0.1349	0.0235	-0.3471	4.99E-4	7.10E-4	-1.17E-4
	CC6	-0.1323	0.0532	-0.3398	6.20E-4	7.00E-4	-7.36E-5
	CC7	-0.1343	-0.0741	-0.3576	-2.30E-5	6.98E-4	-2.10E-4
	CC8	-0.1316	-0.0443	-0.3504	9.77E-5	6.88E-4	-1.67E-4
	CC9	0.0374	0.1296	-0.1372	7.95E-4	1.65E-5	1.44E-4
	CC10	0.0440	0.2034	-0.1192	1.09E-3	-7.34E-6	2.51E-4
	CC11	-0.0434	0.1230	-0.2308	8.98E-4	3.46E-4	5.87E-5
	CC12	-0.0368	0.1968	-0.2129	1.20E-3	3.22E-4	1.66E-4
	CC13	0.0396	-0.1956	-0.1724	-9.45E-4	-2.29E-5	-1.66E-4
	CC14	0.0463	-0.1218	-0.1544	-6.45E-4	-4.67E-5	-5.86E-5
	CC15	-0.0412	-0.2022	-0.2660	-8.42E-4	3.07E-4	-2.51E-4
	CC16	-0.0346	-0.1284	-0.2481	-5.42E-4	2.83E-4	-1.44E-4
3	CC1	0.1701	0.0459	-0.0996	3.02E-4	-3.10E-4	1.49E-4
	CC2	0.1840	0.0756	-0.1453	5.50E-4	-2.62E-4	2.14E-4
	CC3	0.1535	-0.0518	0.1156	-7.00E-4	-6.05E-4	3.58E-6
	CC4	0.1674	-0.0221	0.0699	-4.52E-4	-5.57E-4	6.90E-5
	CC5	-0.1659	0.0228	-0.4880	5.51E-4	8.39E-4	-7.17E-5
	CC6	-0.1520	0.0526	-0.5337	7.99E-4	8.87E-4	-6.30E-6
	CC7	-0.1825	-0.0749	-0.2728	-4.51E-4	5.44E-4	-2.17E-4
	CC8	-0.1686	-0.0451	-0.3185	-2.03E-4	5.92E-4	-1.52E-4
	CC9	0.0616	0.1297	-0.4528	1.37E-3	4.00E-4	1.93E-4
	CC10	0.0961	0.2037	-0.5663	1.99E-3	5.20E-4	3.55E-4
	CC11	-0.0392	0.1228	-0.5693	1.45E-3	7.45E-4	1.27E-4
	CC12	-0.0047	0.1967	-0.6828	2.07E-3	8.64E-4	2.89E-4
	CC13	0.0063	-0.1960	0.2647	-1.97E-3	-5.83E-4	-2.92E-4
	CC14	0.0407	-0.1221	0.1512	-1.35E-3	-4.63E-4	-1.29E-4
	CC15	-0.0945	-0.2029	0.1482	-1.89E-3	-2.38E-4	-3.58E-4
	CC16	-0.0601	-0.1290	0.0347	-1.28E-3	-1.19E-4	-1.96E-4
4	CC1	0.1527	0.0253	-0.1453	-1.29E-4	-2.95E-4	-1.09E-4
	CC2	0.1354	0.0372	-0.1357	-6.02E-5	-2.90E-4	-8.14E-5
	CC3	0.1719	-0.0242	-0.2038	-4.72E-4	-2.56E-4	-1.42E-4
	CC4	0.1546	-0.0124	-0.1942	-4.02E-4	-2.51E-4	-1.15E-4
	CC5	-0.1522	0.0155	-0.2568	-4.37E-4	2.11E-4	1.13E-4
	CC6	-0.1696	0.0274	-0.2472	-3.68E-4	2.16E-4	1.40E-4
	CC7	-0.1330	-0.0341	-0.3153	-7.79E-4	2.50E-4	7.97E-5
	CC8	-0.1504	-0.0222	-0.3057	-7.10E-4	2.55E-4	1.07E-4
	CC9	0.0365	0.0708	-0.1233	1.11E-4	-1.68E-4	-1.20E-5
	CC10	-0.0066	0.1003	-0.0993	2.83E-4	-1.55E-4	5.54E-5
	CC11	-0.0550	0.0678	-0.1567	1.88E-5	-1.60E-5	5.45E-5
	CC12	-0.0981	0.0974	-0.1327	1.90E-4	-3.32E-6	1.22E-4
	CC13	0.1004	-0.0943	-0.3182	-1.03E-3	-3.70E-5	-1.24E-4
	CC14	0.0573	-0.0647	-0.2943	-8.58E-4	-2.43E-5	-5.62E-5
	CC15	0.0089	-0.0972	-0.3517	-1.12E-3	1.15E-4	-5.71E-5
	CC16	-0.0341	-0.0677	-0.3277	-9.50E-4	1.27E-4	1.03E-5
5	CC1	0.1365	0.0249	-0.1230	1.75E-4	-2.41E-4	9.60E-5
	CC2	0.1393	0.0368	-0.1191	2.37E-4	-2.45E-4	1.19E-4
	CC3	0.1371	-0.0248	-0.1349	-1.10E-4	-2.49E-4	6.34E-5
	CC4	0.1399	-0.0128	-0.1309	-4.76E-5	-2.54E-4	8.68E-5
	CC5	-0.1377	0.0142	-0.2146	3.08E-4	2.31E-4	-8.79E-5
	CC6	-0.1349	0.0261	-0.2106	3.70E-4	2.27E-4	-6.46E-5
	CC7	-0.1372	-0.0355	-0.2264	2.34E-5	2.23E-4	-1.21E-4

	CC8	-0.1343	-0.0236	-0.2224	8.58E-5	2.19E-4	-9.72E-5
	CC9	0.0377	0.0703	-0.1442	5.07E-4	-6.33E-5	5.24E-5
	CC10	0.0447	0.0999	-0.1344	6.62E-4	-7.37E-5	1.10E-4
	CC11	-0.0446	0.0670	-0.1717	5.47E-4	7.84E-5	-2.81E-6
	CC12	-0.0375	0.0967	-0.1618	7.02E-4	6.80E-5	5.53E-5
	CC13	0.0397	-0.0954	-0.1836	-4.42E-4	-9.05E-5	-5.65E-5
	CC14	0.0467	-0.0657	-0.1738	-2.87E-4	-1.01E-4	1.63E-6
	CC15	-0.0426	-0.0986	-0.2111	-4.02E-4	5.12E-5	-1.12E-4
	CC16	-0.0355	-0.0689	-0.2012	-2.47E-4	4.09E-5	-5.36E-5
6	CC1	0.1706	0.0249	-0.1739	2.47E-4	-2.39E-4	7.15E-5
	CC2	0.1839	0.0369	-0.1969	3.89E-4	-2.25E-4	9.85E-5
	CC3	0.1560	-0.0249	-0.0624	-3.77E-4	-3.19E-4	3.39E-5
	CC4	0.1694	-0.0129	-0.0854	-2.35E-4	-3.05E-4	6.08E-5
	CC5	-0.1686	0.0139	-0.3000	3.61E-4	2.72E-4	-6.32E-5
	CC6	-0.1553	0.0259	-0.3231	5.03E-4	2.85E-4	-3.63E-5
	CC7	-0.1832	-0.0359	-0.1886	-2.63E-4	1.92E-4	-1.01E-4
	CC8	-0.1698	-0.0239	-0.2116	-1.21E-4	2.05E-4	-7.39E-5
	CC9	0.0589	0.0703	-0.3310	9.10E-4	2.31E-5	4.83E-5
	CC10	0.0921	0.1000	-0.3882	1.26E-3	5.70E-5	1.15E-4
	CC11	-0.0428	0.0670	-0.3689	9.44E-4	1.76E-4	7.87E-6
	CC12	-0.0097	0.0967	-0.4260	1.30E-3	2.10E-4	7.48E-5
	CC13	0.0104	-0.0957	0.0406	-1.17E-3	-2.43E-4	-7.72E-5
	CC14	0.0436	-0.0660	-0.0166	-8.18E-4	-2.10E-4	-1.03E-5
	CC15	-0.0914	-0.0990	0.0027	-1.14E-3	-9.04E-5	-1.18E-4
	CC16	-0.0582	-0.0693	-0.0544	-7.84E-4	-5.65E-5	-5.07E-5
7	CC1	0.1552	0.0264	-0.1798	-2.09E-4	-1.54E-4	-1.32E-4
	CC2	0.1379	0.0362	-0.1702	-1.49E-4	-1.39E-4	-1.13E-4
	CC3	0.1733	-0.0247	-0.2363	-5.32E-4	-1.91E-4	-1.22E-4
	CC4	0.1560	-0.0150	-0.2267	-4.72E-4	-1.76E-4	-1.03E-4
	CC5	-0.1544	0.0183	-0.2268	-3.69E-4	1.88E-4	1.02E-4
	CC6	-0.1716	0.0280	-0.2172	-3.10E-4	2.03E-4	1.21E-4
	CC7	-0.1363	-0.0329	-0.2834	-6.93E-4	1.51E-4	1.12E-4
	CC8	-0.1536	-0.0231	-0.2738	-6.33E-4	1.66E-4	1.31E-4
	CC9	0.0385	0.0761	-0.1373	6.79E-5	-2.10E-6	-7.49E-5
	CC10	-0.0043	0.1002	-0.1136	2.16E-4	3.52E-5	-2.86E-5
	CC11	-0.0543	0.0736	-0.1515	1.97E-5	1.00E-4	-4.73E-6
	CC12	-0.0971	0.0978	-0.1277	1.68E-4	1.38E-4	4.16E-5
	CC13	0.0988	-0.0945	-0.3259	-1.01E-3	-1.25E-4	-4.27E-5
	CC14	0.0559	-0.0703	-0.3021	-8.61E-4	-8.79E-5	3.59E-6
	CC15	0.0059	-0.0969	-0.3400	-1.06E-3	-2.26E-5	2.75E-5
	CC16	-0.0369	-0.0728	-0.3162	-9.10E-4	1.47E-5	7.38E-5
8	CC1	0.1385	0.0257	-0.1836	2.71E-4	-1.55E-4	8.06E-5
	CC2	0.1414	0.0354	-0.1802	3.24E-4	-1.56E-4	9.61E-5
	CC3	0.1392	-0.0256	-0.1995	-6.79E-6	-1.78E-4	8.47E-5
	CC4	0.1422	-0.0158	-0.1961	4.57E-5	-1.78E-4	1.00E-4
	CC5	-0.1406	0.0173	-0.1506	2.16E-4	1.80E-4	-1.01E-4
	CC6	-0.1377	0.0270	-0.1472	2.69E-4	1.79E-4	-8.58E-5
	CC7	-0.1399	-0.0339	-0.1666	-6.18E-5	1.58E-4	-9.72E-5
	CC8	-0.1370	-0.0242	-0.1631	-9.38E-6	1.57E-4	-8.17E-5
	CC9	0.0378	0.0753	-0.1560	5.37E-4	-1.16E-5	6.69E-7
	CC10	0.0451	0.0995	-0.1475	6.68E-4	-1.27E-5	3.92E-5
	CC11	-0.0460	0.0728	-0.1461	5.21E-4	8.90E-5	-5.39E-5
	CC12	-0.0386	0.0970	-0.1376	6.51E-4	8.78E-5	-1.54E-5
	CC13	0.0402	-0.0955	-0.2091	-3.89E-4	-8.61E-5	1.44E-5
	CC14	0.0475	-0.0713	-0.2006	-2.59E-4	-8.73E-5	5.28E-5
	CC15	-0.0436	-0.0980	-0.1992	-4.06E-4	1.44E-5	-4.02E-5
	CC16	-0.0363	-0.0738	-0.1907	-2.76E-4	1.33E-5	-1.73E-6
9	CC1	0.1716	0.0256	-0.2599	3.31E-4	-1.88E-4	5.26E-5
	CC2	0.1845	0.0354	-0.2792	4.49E-4	-1.96E-4	7.08E-5
	CC3	0.1590	-0.0258	-0.1543	-2.80E-4	-1.44E-4	5.69E-5
	CC4	0.1718	-0.0160	-0.1736	-1.63E-4	-1.52E-4	7.52E-5
	CC5	-0.1717	0.0172	-0.2136	2.89E-4	1.67E-4	-7.71E-5
	CC6	-0.1589	0.0269	-0.2329	4.07E-4	1.59E-4	-5.88E-5
	CC7	-0.1843	-0.0342	-0.1079	-3.22E-4	2.12E-4	-7.28E-5
	CC8	-0.1715	-0.0245	-0.1272	-2.05E-4	2.04E-4	-5.45E-5
	CC9	0.0566	0.0753	-0.3527	9.43E-4	-1.10E-4	-1.14E-5
	CC10	0.0886	0.0996	-0.4006	1.23E-3	-1.30E-4	3.39E-5
	CC11	-0.0464	0.0728	-0.3387	9.31E-4	-3.37E-6	-5.03E-5
	CC12	-0.0144	0.0970	-0.3867	1.22E-3	-2.34E-5	-4.97E-6
	CC13	0.0145	-0.0959	-0.0004	-1.10E-3	3.87E-5	3.03E-6
	CC14	0.0465	-0.0717	-0.0484	-8.04E-4	1.87E-5	4.84E-5
	CC15	-0.0885	-0.0984	0.0135	-1.11E-3	1.45E-4	-3.59E-5

	CC16	-0.0565	-0.0742	-0.0345	-8.17E-4	1.25E-4	9.48E-6
10	CC1	0.1570	0.0359	-0.1835	-2.11E-4	-1.38E-4	-1.16E-4
	CC2	0.1398	0.0463	-0.1724	-1.57E-4	-1.30E-4	-9.28E-5
	CC3	0.1745	-0.0351	-0.2536	-5.64E-4	-1.45E-4	-1.43E-4
	CC4	0.1572	-0.0246	-0.2425	-5.09E-4	-1.37E-4	-1.20E-4
	CC5	-0.1563	0.0281	-0.2114	-3.16E-4	1.43E-4	1.20E-4
	CC6	-0.1735	0.0385	-0.2004	-2.61E-4	1.51E-4	1.43E-4
	CC7	-0.1388	-0.0429	-0.2815	-6.68E-4	1.36E-4	9.30E-5
	CC8	-0.1561	-0.0324	-0.2705	-6.13E-4	1.45E-4	1.16E-4
	CC9	0.0398	0.1081	-0.1196	1.23E-4	-3.85E-5	-1.91E-5
	CC10	-0.0030	0.1341	-0.0922	2.59E-4	-1.80E-5	3.80E-5
	CC11	-0.0542	0.1058	-0.1280	9.15E-5	4.60E-5	5.15E-5
	CC12	-0.0970	0.1318	-0.1006	2.28E-4	6.65E-5	1.09E-4
	CC13	0.0980	-0.1283	-0.3533	-1.05E-3	-6.02E-5	-1.08E-4
	CC14	0.0551	-0.1023	-0.3259	-9.16E-4	-3.97E-5	-5.14E-5
	CC15	0.0040	-0.1307	-0.3617	-1.08E-3	2.43E-5	-3.78E-5
	CC16	-0.0388	-0.1047	-0.3343	-9.47E-4	4.48E-5	1.93E-5
11	CC1	0.1402	0.0350	-0.1752	2.97E-4	-1.34E-4	9.25E-5
	CC2	0.1432	0.0455	-0.1711	3.54E-4	-1.37E-4	1.10E-4
	CC3	0.1408	-0.0363	-0.2004	-5.99E-5	-1.37E-4	7.03E-5
	CC4	0.1438	-0.0258	-0.1963	-2.67E-6	-1.40E-4	8.82E-5
	CC5	-0.1427	0.0272	-0.1578	2.49E-4	1.47E-4	-8.98E-5
	CC6	-0.1397	0.0377	-0.1537	3.07E-4	1.44E-4	-7.19E-5
	CC7	-0.1421	-0.0441	-0.1830	-1.07E-4	1.44E-4	-1.12E-4
	CC8	-0.1391	-0.0336	-0.1789	-4.99E-5	1.41E-4	-9.41E-5
	CC9	0.0383	0.1076	-0.1427	6.54E-4	-3.04E-5	4.13E-5
	CC10	0.0457	0.1337	-0.1325	7.96E-4	-3.78E-5	8.58E-5
	CC11	-0.0466	0.1053	-0.1375	6.40E-4	5.41E-5	-1.33E-5
	CC12	-0.0392	0.1314	-0.1273	7.82E-4	4.67E-5	3.11E-5
	CC13	0.0403	-0.1300	-0.2268	-5.35E-4	-3.98E-5	-3.26E-5
	CC14	0.0477	-0.1039	-0.2166	-3.93E-4	-4.72E-5	1.18E-5
	CC15	-0.0446	-0.1324	-0.2216	-5.49E-4	4.47E-5	-8.73E-5
	CC16	-0.0372	-0.1062	-0.2114	-4.07E-4	3.74E-5	-4.29E-5
12	CC1	0.1726	0.0348	-0.2613	3.83E-4	-1.26E-4	6.59E-5
	CC2	0.1852	0.0453	-0.2818	5.02E-4	-1.26E-4	8.71E-5
	CC3	0.1609	-0.0365	-0.1313	-3.51E-4	-1.37E-4	3.94E-5
	CC4	0.1734	-0.0260	-0.1518	-2.33E-4	-1.37E-4	6.06E-5
	CC5	-0.1738	0.0270	-0.2331	3.21E-4	1.42E-4	-6.31E-5
	CC6	-0.1613	0.0375	-0.2536	4.40E-4	1.43E-4	-4.19E-5
	CC7	-0.1856	-0.0443	-0.1031	-4.13E-4	1.31E-4	-8.96E-5
	CC8	-0.1731	-0.0338	-0.1235	-2.95E-4	1.31E-4	-6.84E-5
	CC9	0.0558	0.1076	-0.3879	1.13E-3	-1.94E-5	3.60E-5
	CC10	0.0869	0.1337	-0.4388	1.43E-3	-1.83E-5	8.86E-5
	CC11	-0.0481	0.1052	-0.3794	1.11E-3	6.11E-5	-2.68E-6
	CC12	-0.0170	0.1313	-0.4303	1.41E-3	6.22E-5	4.99E-5
	CC13	0.0166	-0.1303	0.0455	-1.32E-3	-5.67E-5	-5.24E-5
	CC14	0.0477	-0.1042	-0.0054	-1.02E-3	-5.56E-5	1.53E-7
	CC15	-0.0874	-0.1327	0.0539	-1.34E-3	2.37E-5	-9.11E-5
	CC16	-0.0563	-0.1065	0.0031	-1.04E-3	2.48E-5	-3.85E-5
13	CC1	0.1582	0.0278	-0.1948	-2.55E-4	-1.47E-4	-1.07E-4
	CC2	0.1410	0.0330	-0.1879	-2.19E-4	-1.46E-4	-7.98E-5
	CC3	0.1751	-0.0248	-0.2463	-5.52E-4	-1.03E-4	-1.59E-4
	CC4	0.1579	-0.0195	-0.2394	-5.17E-4	-1.03E-4	-1.32E-4
	CC5	-0.1575	0.0229	-0.2122	-3.22E-4	1.19E-4	1.33E-4
	CC6	-0.1748	0.0281	-0.2053	-2.86E-4	1.19E-4	1.60E-4
	CC7	-0.1407	-0.0297	-0.2637	-6.20E-4	1.62E-4	8.08E-5
	CC8	-0.1579	-0.0245	-0.2568	-5.84E-4	1.63E-4	1.08E-4
	CC9	0.0408	0.0836	-0.1459	4.28E-5	-1.05E-4	1.87E-5
	CC10	-0.0020	0.0965	-0.1288	1.31E-4	-1.04E-4	8.54E-5
	CC11	-0.0539	0.0821	-0.1512	2.26E-5	-2.53E-5	9.07E-5
	CC12	-0.0967	0.0950	-0.1340	1.11E-4	-2.44E-5	1.57E-4
	CC13	0.0971	-0.0917	-0.3176	-9.50E-4	4.03E-5	-1.56E-4
	CC14	0.0543	-0.0787	-0.3004	-8.61E-4	4.12E-5	-8.97E-5
	CC15	0.0023	-0.0932	-0.3229	-9.70E-4	1.20E-4	-8.44E-5
	CC16	-0.0405	-0.0802	-0.3057	-8.82E-4	1.21E-4	-1.77E-5
14	CC1	0.1412	0.0269	-0.1738	2.65E-4	-1.23E-4	9.93E-5
	CC2	0.1442	0.0321	-0.1718	2.98E-4	-1.28E-4	1.19E-4
	CC3	0.1417	-0.0257	-0.1903	9.79E-6	-1.08E-4	6.32E-5
	CC4	0.1447	-0.0205	-0.1883	4.28E-5	-1.14E-4	8.29E-5
	CC5	-0.1440	0.0221	-0.1564	2.19E-4	1.45E-4	-8.45E-5
	CC6	-0.1411	0.0273	-0.1544	2.52E-4	1.39E-4	-6.49E-5
	CC7	-0.1435	-0.0306	-0.1729	-3.61E-5	1.59E-4	-1.21E-4

	CC8	-0.1406	-0.0253	-0.1709	-3.08E-6	1.54E-4	-1.01E-4
	CC9	0.0386	0.0827	-0.1499	5.23E-4	-4.17E-5	6.25E-5
	CC10	0.0460	0.0957	-0.1449	6.05E-4	-5.49E-5	1.11E-4
	CC11	-0.0470	0.0813	-0.1447	5.09E-4	3.84E-5	7.36E-6
	CC12	-0.0396	0.0942	-0.1397	5.91E-4	2.52E-5	5.61E-5
	CC13	0.0402	-0.0927	-0.2050	-3.29E-4	5.72E-6	-5.78E-5
	CC14	0.0476	-0.0797	-0.2000	-2.47E-4	-7.46E-6	-9.03E-6
	CC15	-0.0453	-0.0941	-0.1998	-3.42E-4	8.59E-5	-1.13E-4
	CC16	-0.0380	-0.0812	-0.1948	-2.61E-4	7.27E-5	-6.42E-5
15	CC1	0.1731	0.0268	-0.2492	3.41E-4	-7.72E-5	7.47E-5
	CC2	0.1853	0.0320	-0.2616	4.13E-4	-6.49E-5	9.85E-5
	CC3	0.1618	-0.0260	-0.1545	-2.23E-4	-1.65E-4	2.79E-5
	CC4	0.1741	-0.0208	-0.1669	-1.52E-4	-1.52E-4	5.17E-5
	CC5	-0.1750	0.0220	-0.2189	2.83E-4	1.59E-4	-5.43E-5
	CC6	-0.1628	0.0272	-0.2314	3.54E-4	1.72E-4	-3.05E-5
	CC7	-0.1863	-0.0308	-0.1242	-2.82E-4	7.17E-5	-1.01E-4
	CC8	-0.1741	-0.0256	-0.1366	-2.10E-4	8.40E-5	-7.73E-5
	CC9	0.0553	0.0828	-0.3399	9.25E-4	9.85E-5	6.64E-5
	CC10	0.0856	0.0958	-0.3708	1.10E-3	1.29E-4	1.26E-4
	CC11	-0.0492	0.0813	-0.3309	9.08E-4	1.69E-4	2.77E-5
	CC12	-0.0188	0.0943	-0.3617	1.09E-3	2.00E-4	8.68E-5
	CC13	0.0178	-0.0931	-0.0242	-9.55E-4	-1.93E-4	-8.94E-5
	CC14	0.0482	-0.0801	-0.0550	-7.77E-4	-1.63E-4	-3.03E-5
	CC15	-0.0866	-0.0946	-0.0151	-9.72E-4	-1.22E-4	-1.28E-4
	CC16	-0.0563	-0.0816	-0.0459	-7.94E-4	-9.18E-5	-6.90E-5
16	CC1	0.1590	0.0270	-0.2055	-2.78E-4	-1.33E-4	-1.23E-4
	CC2	0.1418	0.0295	-0.2026	-2.60E-4	-1.29E-4	-1.01E-4
	CC3	0.1749	-0.0227	-0.2426	-5.47E-4	-1.19E-4	-1.45E-4
	CC4	0.1577	-0.0202	-0.2397	-5.29E-4	-1.15E-4	-1.22E-4
	CC5	-0.1582	0.0234	-0.2105	-3.15E-4	1.19E-4	1.23E-4
	CC6	-0.1754	0.0259	-0.2076	-2.97E-4	1.23E-4	1.46E-4
	CC7	-0.1422	-0.0263	-0.2476	-5.84E-4	1.33E-4	1.01E-4
	CC8	-0.1594	-0.0238	-0.2447	-5.65E-4	1.37E-4	1.24E-4
	CC9	0.0421	0.0819	-0.1661	9.00E-6	-6.40E-5	-2.86E-5
	CC10	-0.0006	0.0881	-0.1588	5.44E-5	-5.32E-5	2.74E-5
	CC11	-0.0530	0.0808	-0.1676	-1.95E-6	1.16E-5	4.52E-5
	CC12	-0.0958	0.0870	-0.1603	4.35E-5	2.23E-5	1.01E-4
	CC13	0.0953	-0.0838	-0.2899	-8.87E-4	-1.83E-5	-1.00E-4
	CC14	0.0526	-0.0776	-0.2826	-8.42E-4	-7.49E-6	-4.43E-5
	CC15	0.0002	-0.0848	-0.2914	-8.98E-4	5.73E-5	-2.64E-5
	CC16	-0.0426	-0.0787	-0.2841	-8.53E-4	6.81E-5	2.95E-5
17	CC1	0.1420	0.0262	-0.1723	2.47E-4	-1.19E-4	9.14E-5
	CC2	0.1450	0.0286	-0.1713	2.62E-4	-1.22E-4	1.08E-4
	CC3	0.1414	-0.0236	-0.1874	4.42E-5	-1.25E-4	7.36E-5
	CC4	0.1444	-0.0212	-0.1863	5.95E-5	-1.27E-4	9.03E-5
	CC5	-0.1445	0.0226	-0.1537	2.11E-4	1.36E-4	-9.21E-5
	CC6	-0.1415	0.0250	-0.1527	2.26E-4	1.33E-4	-7.53E-5
	CC7	-0.1451	-0.0272	-0.1687	8.43E-6	1.30E-4	-1.10E-4
	CC8	-0.1421	-0.0248	-0.1677	2.37E-5	1.28E-4	-9.32E-5
	CC9	0.0403	0.0811	-0.1491	4.60E-4	-2.20E-5	3.56E-5
	CC10	0.0476	0.0873	-0.1465	4.97E-4	-2.82E-5	7.72E-5
	CC11	-0.0457	0.0801	-0.1435	4.49E-4	5.44E-5	-1.94E-5
	CC12	-0.0383	0.0863	-0.1409	4.87E-4	4.83E-5	2.21E-5
	CC13	0.0383	-0.0849	-0.1992	-2.16E-4	-3.98E-5	-2.39E-5
	CC14	0.0456	-0.0787	-0.1966	-1.78E-4	-4.60E-5	1.77E-5
	CC15	-0.0477	-0.0859	-0.1936	-2.27E-4	3.67E-5	-7.89E-5
	CC16	-0.0403	-0.0797	-0.1910	-1.89E-4	3.05E-5	-3.74E-5
18	CC1	0.1725	0.0261	-0.2403	3.14E-4	-9.23E-5	6.36E-5
	CC2	0.1843	0.0286	-0.2458	3.49E-4	-8.77E-5	8.35E-5
	CC3	0.1623	-0.0239	-0.1686	-1.50E-4	-1.29E-4	4.18E-5
	CC4	0.1741	-0.0214	-0.1742	-1.16E-4	-1.24E-4	6.18E-5
	CC5	-0.1756	0.0225	-0.2128	2.71E-4	1.23E-4	-6.41E-5
	CC6	-0.1638	0.0250	-0.2183	3.06E-4	1.28E-4	-4.42E-5
	CC7	-0.1859	-0.0275	-0.1411	-1.93E-4	8.67E-5	-8.59E-5
	CC8	-0.1741	-0.0250	-0.1467	-1.58E-4	9.13E-5	-6.60E-5
	CC9	0.0539	0.0813	-0.3101	8.15E-4	2.25E-5	2.95E-5
	CC10	0.0832	0.0874	-0.3239	9.01E-4	3.40E-5	7.90E-5
	CC11	-0.0506	0.0802	-0.3019	8.02E-4	8.72E-5	-8.83E-6
	CC12	-0.0213	0.0864	-0.3157	8.88E-4	9.87E-5	4.07E-5
	CC13	0.0197	-0.0853	-0.0713	-7.32E-4	-9.97E-5	-4.31E-5
	CC14	0.0490	-0.0791	-0.0851	-6.47E-4	-8.82E-5	6.45E-6
	CC15	-0.0847	-0.0864	-0.0630	-7.45E-4	-3.50E-5	-8.14E-5

	CC16	-0.0554	-0.0802	-0.0768	-6.59E-4	-2.35E-5	-3.19E-5
19	CC1	0.1591	0.0280	-0.2241	-2.74E-4	-1.35E-4	-1.23E-4
	CC2	0.1419	0.0283	-0.2236	-2.71E-4	-1.28E-4	-1.01E-4
	CC3	0.1741	-0.0219	-0.2561	-5.26E-4	-1.41E-4	-1.39E-4
	CC4	0.1569	-0.0216	-0.2557	-5.23E-4	-1.34E-4	-1.17E-4
	CC5	-0.1583	0.0248	-0.1976	-3.30E-4	1.17E-4	1.18E-4
	CC6	-0.1755	0.0252	-0.1972	-3.27E-4	1.24E-4	1.40E-4
	CC7	-0.1433	-0.0251	-0.2297	-5.82E-4	1.11E-4	1.02E-4
	CC8	-0.1605	-0.0247	-0.2293	-5.79E-4	1.18E-4	1.24E-4
	CC9	0.0432	0.0848	-0.1777	-2.56E-6	-4.47E-5	-3.68E-5
	CC10	0.0006	0.0856	-0.1767	5.08E-6	-2.71E-5	1.92E-5
	CC11	-0.0520	0.0838	-0.1698	-1.94E-5	3.09E-5	3.55E-5
	CC12	-0.0946	0.0847	-0.1687	-1.18E-5	4.85E-5	9.14E-5
	CC13	0.0932	-0.0815	-0.2846	-8.41E-4	-6.47E-5	-9.03E-5
	CC14	0.0506	-0.0806	-0.2835	-8.34E-4	-4.70E-5	-3.44E-5
	CC15	-0.0020	-0.0824	-0.2766	-8.58E-4	1.09E-5	-1.81E-5
	CC16	-0.0447	-0.0815	-0.2756	-8.51E-4	2.86E-5	3.79E-5
20	CC1	0.1418	0.0272	-0.1780	2.58E-4	-1.33E-4	8.79E-5
	CC2	0.1447	0.0275	-0.1774	2.61E-4	-1.35E-4	1.04E-4
	CC3	0.1411	-0.0228	-0.1949	8.00E-5	-1.41E-4	7.53E-5
	CC4	0.1440	-0.0225	-0.1943	8.32E-5	-1.43E-4	9.15E-5
	CC5	-0.1449	0.0238	-0.1477	2.00E-4	1.30E-4	-9.34E-5
	CC6	-0.1420	0.0242	-0.1471	2.03E-4	1.28E-4	-7.72E-5
	CC7	-0.1456	-0.0262	-0.1647	2.22E-5	1.23E-4	-1.06E-4
	CC8	-0.1427	-0.0258	-0.1641	2.54E-5	1.21E-4	-8.98E-5
	CC9	0.0402	0.0841	-0.1482	4.42E-4	-3.02E-5	2.71E-5
	CC10	0.0474	0.0850	-0.1467	4.50E-4	-3.58E-5	6.75E-5
	CC11	-0.0458	0.0831	-0.1391	4.25E-4	4.89E-5	-2.73E-5
	CC12	-0.0386	0.0840	-0.1376	4.33E-4	4.33E-5	1.31E-5
	CC13	0.0377	-0.0826	-0.2045	-1.50E-4	-5.57E-5	-1.50E-5
	CC14	0.0449	-0.0817	-0.2030	-1.42E-4	-6.13E-5	2.54E-5
	CC15	-0.0483	-0.0836	-0.1954	-1.67E-4	2.33E-5	-6.94E-5
	CC16	-0.0411	-0.0827	-0.1939	-1.59E-4	1.77E-5	-2.90E-5
21	CC1	0.1712	0.0271	-0.2505	3.26E-4	-1.14E-4	5.60E-5
	CC2	0.1825	0.0275	-0.2515	3.34E-4	-1.12E-4	7.48E-5
	CC3	0.1619	-0.0231	-0.1912	-9.00E-5	-1.45E-4	4.24E-5
	CC4	0.1732	-0.0227	-0.1921	-8.20E-5	-1.44E-4	6.12E-5
	CC5	-0.1753	0.0237	-0.2022	2.59E-4	1.10E-4	-6.35E-5
	CC6	-0.1640	0.0241	-0.2031	2.67E-4	1.11E-4	-4.46E-5
	CC7	-0.1846	-0.0265	-0.1429	-1.57E-4	7.81E-5	-7.71E-5
	CC8	-0.1733	-0.0261	-0.1438	-1.49E-4	7.94E-5	-5.82E-5
	CC9	0.0524	0.0843	-0.3022	7.83E-4	5.00E-7	1.60E-5
	CC10	0.0806	0.0851	-0.3045	8.03E-4	3.73E-6	6.29E-5
	CC11	-0.0515	0.0832	-0.2877	7.63E-4	6.75E-5	-1.98E-5
	CC12	-0.0234	0.0841	-0.2900	7.82E-4	7.07E-5	2.71E-5
	CC13	0.0213	-0.0831	-0.1044	-6.05E-4	-1.05E-4	-2.93E-5
	CC14	0.0494	-0.0822	-0.1066	-5.85E-4	-1.02E-4	1.76E-5
	CC15	-0.0827	-0.0841	-0.0899	-6.25E-4	-3.80E-5	-6.52E-5
	CC16	-0.0545	-0.0833	-0.0921	-6.05E-4	-3.47E-5	-1.83E-5
22	CC1	0.1586	0.0291	-0.2392	-3.55E-4	-1.53E-4	-1.30E-4
	CC2	0.1414	0.0271	-0.2402	-3.65E-4	-1.46E-4	-1.07E-4
	CC3	0.1726	-0.0220	-0.2710	-6.04E-4	-1.69E-4	-1.36E-4
	CC4	0.1555	-0.0241	-0.2720	-6.14E-4	-1.61E-4	-1.13E-4
	CC5	-0.1579	0.0266	-0.1954	-2.67E-4	1.07E-4	1.23E-4
	CC6	-0.1750	0.0246	-0.1964	-2.77E-4	1.15E-4	1.46E-4
	CC7	-0.1439	-0.0245	-0.2272	-5.15E-4	9.10E-5	1.17E-4
	CC8	-0.1610	-0.0266	-0.2282	-5.25E-4	9.88E-5	1.39E-4
	CC9	0.0442	0.0895	-0.1860	-2.74E-5	-4.95E-5	-5.10E-5
	CC10	0.0016	0.0843	-0.1886	-5.21E-5	-3.04E-5	5.33E-6
	CC11	-0.0508	0.0888	-0.1728	-8.49E-7	2.85E-5	2.48E-5
	CC12	-0.0933	0.0836	-0.1755	-2.56E-5	4.77E-5	8.11E-5
	CC13	0.0909	-0.0811	-0.2919	-8.55E-4	-1.02E-4	-7.17E-5
	CC14	0.0483	-0.0862	-0.2945	-8.80E-4	-8.30E-5	-1.54E-5
	CC15	-0.0040	-0.0818	-0.2788	-8.28E-4	-2.41E-5	4.10E-6
	CC16	-0.0466	-0.0870	-0.2814	-8.53E-4	-4.96E-6	6.04E-5
23	CC1	0.1410	0.0283	-0.1905	2.70E-4	-1.54E-4	7.92E-5
	CC2	0.1439	0.0262	-0.1903	2.64E-4	-1.56E-4	9.52E-5
	CC3	0.1402	-0.0232	-0.2096	1.36E-4	-1.68E-4	7.47E-5
	CC4	0.1430	-0.0253	-0.2094	1.30E-4	-1.71E-4	9.07E-5
	CC5	-0.1448	0.0258	-0.1481	1.81E-4	1.08E-4	-8.73E-5
	CC6	-0.1420	0.0237	-0.1479	1.75E-4	1.05E-4	-7.13E-5
	CC7	-0.1457	-0.0257	-0.1672	4.63E-5	9.30E-5	-9.18E-5

	CC8	-0.1429	-0.0278	-0.1671	4.04E-5	9.05E-5	-7.58E-5
	CC9	0.0399	0.0891	-0.1534	4.00E-4	-4.34E-5	1.43E-5
	CC10	0.0469	0.0839	-0.1530	3.85E-4	-4.97E-5	5.40E-5
	CC11	-0.0459	0.0884	-0.1407	3.73E-4	3.49E-5	-3.57E-5
	CC12	-0.0388	0.0831	-0.1403	3.59E-4	2.87E-5	4.10E-6
	CC13	0.0370	-0.0826	-0.2173	-4.81E-5	-9.18E-5	-7.65E-7
	CC14	0.0441	-0.0879	-0.2168	-6.28E-5	-9.81E-5	3.90E-5
	CC15	-0.0487	-0.0834	-0.2046	-7.49E-5	-1.35E-5	-5.07E-5
	CC16	-0.0417	-0.0886	-0.2041	-8.96E-5	-1.97E-5	-1.09E-5
24	CC1	0.1691	0.0292	-0.2645	2.09E-4	-7.29E-5	5.84E-5
	CC2	0.1800	0.0273	-0.2620	1.96E-4	-7.24E-5	7.80E-5
	CC3	0.1605	-0.0229	-0.2267	-1.29E-4	-1.53E-4	5.07E-5
	CC4	0.1714	-0.0248	-0.2242	-1.42E-4	-1.52E-4	7.02E-5
	CC5	-0.1738	0.0249	-0.1904	3.36E-4	9.56E-5	-6.62E-5
	CC6	-0.1630	0.0230	-0.1880	3.23E-4	9.61E-5	-4.67E-5
	CC7	-0.1825	-0.0272	-0.1527	-1.59E-6	1.56E-5	-7.40E-5
	CC8	-0.1716	-0.0291	-0.1502	-1.51E-5	1.60E-5	-5.45E-5
	CC9	0.0511	0.0898	-0.2845	6.58E-4	7.91E-5	9.43E-6
	CC10	0.0781	0.0852	-0.2783	6.25E-4	8.03E-5	5.79E-5
	CC11	-0.0518	0.0886	-0.2623	6.96E-4	1.30E-4	-2.80E-5
	CC12	-0.0248	0.0839	-0.2561	6.63E-4	1.31E-4	2.05E-5
	CC13	0.0224	-0.0838	-0.1586	-4.69E-4	-1.88E-4	-1.65E-5
	CC14	0.0493	-0.0884	-0.1524	-5.02E-4	-1.86E-4	3.19E-5
	CC15	-0.0805	-0.0851	-0.1363	-4.31E-4	-1.37E-4	-5.39E-5
	CC16	-0.0536	-0.0897	-0.1302	-4.64E-4	-1.36E-4	-5.48E-6
25	CC1	0.1575	0.0405	-0.2503	-3.44E-4	-1.71E-4	-1.28E-4
	CC2	0.1403	0.0355	-0.2533	-3.69E-4	-1.66E-4	-1.03E-4
	CC3	0.1706	-0.0234	-0.2870	-6.07E-4	-2.12E-4	-1.41E-4
	CC4	0.1534	-0.0283	-0.2900	-6.32E-4	-2.07E-4	-1.15E-4
	CC5	-0.1567	0.0249	-0.2112	-2.86E-4	1.29E-4	1.18E-4
	CC6	-0.1738	0.0200	-0.2142	-3.10E-4	1.34E-4	1.43E-4
	CC7	-0.1436	-0.0389	-0.2479	-5.49E-4	8.77E-5	1.05E-4
	CC8	-0.1607	-0.0438	-0.2509	-5.73E-4	9.26E-5	1.31E-4
	CC9	0.0449	0.1132	-0.1916	1.58E-6	-2.21E-5	-4.64E-5
	CC10	0.0024	0.1010	-0.1990	-5.99E-5	-9.91E-6	1.70E-5
	CC11	-0.0493	0.1085	-0.1799	1.91E-5	6.80E-5	2.74E-5
	CC12	-0.0919	0.0963	-0.1873	-4.24E-5	8.01E-5	9.08E-5
	CC13	0.0886	-0.0997	-0.3139	-8.75E-4	-1.59E-4	-8.81E-5
	CC14	0.0461	-0.1119	-0.3213	-9.37E-4	-1.47E-4	-2.47E-5
	CC15	-0.0056	-0.1043	-0.3022	-8.58E-4	-6.88E-5	-1.43E-5
	CC16	-0.0482	-0.1165	-0.3096	-9.19E-4	-5.66E-5	4.91E-5
26	CC1	0.1399	0.0410	-0.2138	1.21E-4	-1.59E-4	8.60E-5
	CC2	0.1425	0.0360	-0.2145	1.09E-4	-1.65E-4	1.04E-4
	CC3	0.1389	-0.0249	-0.2399	6.43E-5	-1.82E-4	7.98E-5
	CC4	0.1415	-0.0298	-0.2405	5.20E-5	-1.88E-4	9.75E-5
	CC5	-0.1440	0.0234	-0.1565	2.74E-4	9.11E-5	-9.97E-5
	CC6	-0.1413	0.0185	-0.1571	2.61E-4	8.58E-5	-8.20E-5
	CC7	-0.1450	-0.0424	-0.1825	2.17E-4	6.79E-5	-1.06E-4
	CC8	-0.1423	-0.0474	-0.1831	2.05E-4	6.27E-5	-8.82E-5
	CC9	0.0397	0.1154	-0.1629	2.49E-4	-4.08E-5	1.51E-5
	CC10	0.0463	0.1031	-0.1646	2.19E-4	-5.39E-5	5.91E-5
	CC11	-0.0455	0.1101	-0.1457	2.95E-4	3.43E-5	-4.06E-5
	CC12	-0.0388	0.0978	-0.1473	2.65E-4	2.12E-5	3.34E-6
	CC13	0.0364	-0.1042	-0.2496	6.10E-5	-1.18E-4	-5.62E-6
	CC14	0.0430	-0.1165	-0.2513	3.05E-5	-1.31E-4	3.83E-5
	CC15	-0.0488	-0.1095	-0.2324	1.07E-4	-4.27E-5	-6.13E-5
	CC16	-0.0421	-0.1218	-0.2341	7.63E-5	-5.58E-5	-1.74E-5
27	CC1	0.1656	0.0420	-0.1628	2.74E-5	-1.28E-4	-3.26E-5
	CC2	0.1759	0.0370	-0.1577	-1.33E-5	-1.36E-4	-1.61E-5
	CC3	0.1582	-0.0256	-0.1652	-2.05E-4	-1.61E-4	-2.16E-5
	CC4	0.1685	-0.0306	-0.1601	-2.46E-4	-1.69E-4	-5.11E-6
	CC5	-0.1708	0.0229	-0.2867	3.88E-4	1.30E-4	1.43E-5
	CC6	-0.1605	0.0179	-0.2816	3.47E-4	1.21E-4	3.08E-5
	CC7	-0.1783	-0.0448	-0.2891	1.55E-4	9.66E-5	2.52E-5
	CC8	-0.1680	-0.0498	-0.2839	1.14E-4	8.81E-5	4.18E-5
	CC9	0.0489	0.1179	-0.2073	4.55E-4	6.87E-6	-4.13E-5
	CC10	0.0745	0.1056	-0.1945	3.54E-4	-1.41E-5	-2.18E-7
	CC11	-0.0520	0.1122	-0.2445	5.63E-4	8.41E-5	-2.72E-5
	CC12	-0.0264	0.0998	-0.2316	4.62E-4	6.31E-5	1.39E-5
	CC13	0.0241	-0.1076	-0.2152	-3.20E-4	-1.03E-4	-4.69E-6
	CC14	0.0496	-0.1199	-0.2023	-4.22E-4	-1.24E-4	3.64E-5
	CC15	-0.0769	-0.1133	-0.2523	-2.12E-4	-2.56E-5	9.38E-6

	CC16	-0.0513	-0.1257	-0.2395	-3.13E-4	-4.66E-5	5.05E-5
28	CC1	0.1550	0.0404	-0.1901	3.64E-4	-6.87E-4	7.95E-5
	CC2	0.1727	0.0364	-0.1608	2.75E-4	-7.86E-4	1.15E-4
	CC3	0.1434	-0.0298	-0.0593	-3.21E-4	-6.81E-4	4.82E-6
	CC4	0.1611	-0.0338	-0.0300	-4.10E-4	-7.79E-4	4.00E-5
	CC5	-0.1513	0.0263	-0.5357	8.81E-4	9.87E-4	-3.10E-5
	CC6	-0.1336	0.0223	-0.5064	7.92E-4	8.88E-4	4.12E-6
	CC7	-0.1629	-0.0439	-0.4049	1.97E-4	9.93E-4	-1.06E-4
	CC8	-0.1452	-0.0479	-0.3756	1.07E-4	8.95E-4	-7.06E-5
	CC9	0.0483	0.1203	-0.4854	1.41E-3	-3.59E-5	1.02E-4
	CC10	0.0921	0.1104	-0.4126	1.19E-3	-2.81E-4	1.89E-4
	CC11	-0.0436	0.1160	-0.5890	1.57E-3	4.66E-4	6.88E-5
	CC12	0.0002	0.1062	-0.5163	1.34E-3	2.21E-4	1.56E-4
	CC13	0.0096	-0.1136	-0.0494	-8.72E-4	-1.39E-5	-1.47E-4
	CC14	0.0534	-0.1235	0.0234	-1.09E-3	-2.59E-4	-5.98E-5
	CC15	-0.0823	-0.1179	-0.1531	-7.17E-4	4.88E-4	-1.80E-4
	CC16	-0.0385	-0.1278	-0.0803	-9.39E-4	2.43E-4	-9.30E-5
29	CC1	0.1559	0.0437	-0.2627	-3.58E-4	-2.33E-4	-1.15E-4
	CC2	0.1388	0.0335	-0.2686	-4.00E-4	-2.25E-4	-8.87E-5
	CC3	0.1683	-0.0246	-0.3143	-6.58E-4	-2.59E-4	-1.34E-4
	CC4	0.1511	-0.0349	-0.3202	-7.01E-4	-2.51E-4	-1.07E-4
	CC5	-0.1549	0.0383	-0.2170	-2.63E-4	1.82E-4	1.04E-4
	CC6	-0.1720	0.0280	-0.2229	-3.05E-4	1.90E-4	1.30E-4
	CC7	-0.1425	-0.0301	-0.2686	-5.64E-4	1.55E-4	8.54E-5
	CC8	-0.1597	-0.0403	-0.2745	-6.06E-4	1.64E-4	1.12E-4
	CC9	0.0454	0.1292	-0.1820	5.80E-5	-6.37E-5	-3.66E-5
	CC10	0.0029	0.1037	-0.1967	-4.73E-5	-4.23E-5	2.90E-5
	CC11	-0.0478	0.1276	-0.1683	8.65E-5	6.07E-5	2.91E-5
	CC12	-0.0903	0.1021	-0.1830	-1.88E-5	8.21E-5	9.47E-5
	CC13	0.0866	-0.0987	-0.3542	-9.45E-4	-1.51E-4	-9.81E-5
	CC14	0.0441	-0.1242	-0.3689	-1.05E-3	-1.30E-4	-3.24E-5
	CC15	-0.0067	-0.1003	-0.3405	-9.16E-4	-2.70E-5	-3.24E-5
	CC16	-0.0492	-0.1258	-0.3552	-1.02E-3	-5.62E-6	3.33E-5
30	CC1	0.1379	0.0431	-0.2247	1.48E-4	-2.10E-4	9.47E-5
	CC2	0.1404	0.0327	-0.2282	1.27E-4	-2.20E-4	1.12E-4
	CC3	0.1371	-0.0263	-0.2599	4.10E-5	-2.24E-4	7.89E-5
	CC4	0.1396	-0.0367	-0.2633	1.96E-5	-2.34E-4	9.64E-5
	CC5	-0.1420	0.0375	-0.1776	3.14E-4	1.70E-4	-1.04E-4
	CC6	-0.1395	0.0271	-0.1810	2.93E-4	1.59E-4	-8.62E-5
	CC7	-0.1429	-0.0319	-0.2127	2.07E-4	1.55E-4	-1.20E-4
	CC8	-0.1404	-0.0423	-0.2162	1.85E-4	1.45E-4	-1.02E-4
	CC9	0.0391	0.1298	-0.1647	3.48E-4	-5.24E-5	3.07E-5
	CC10	0.0453	0.1040	-0.1732	2.94E-4	-7.79E-5	7.43E-5
	CC11	-0.0449	0.1281	-0.1505	3.97E-4	6.13E-5	-2.89E-5
	CC12	-0.0387	0.1023	-0.1591	3.44E-4	3.58E-5	1.47E-5
	CC13	0.0362	-0.1015	-0.2818	-1.03E-5	-1.00E-4	-2.21E-5
	CC14	0.0425	-0.1273	-0.2904	-6.35E-5	-1.26E-4	2.15E-5
	CC15	-0.0477	-0.1032	-0.2677	3.93E-5	1.32E-5	-8.17E-5
	CC16	-0.0415	-0.1290	-0.2763	-1.38E-5	-1.23E-5	-3.80E-5
31	CC1	0.1637	0.0430	-0.1913	8.97E-5	-1.99E-4	3.68E-6
	CC2	0.1736	0.0325	-0.1876	5.09E-5	-2.15E-4	2.24E-5
	CC3	0.1567	-0.0268	-0.1875	-1.64E-4	-2.07E-4	-7.47E-6
	CC4	0.1666	-0.0372	-0.1838	-2.03E-4	-2.24E-4	1.13E-5
	CC5	-0.1690	0.0374	-0.2840	1.64E-4	1.30E-4	-1.07E-5
	CC6	-0.1592	0.0270	-0.2804	1.26E-4	1.14E-4	8.01E-6
	CC7	-0.1760	-0.0323	-0.2802	-8.93E-5	1.21E-4	-2.19E-5
	CC8	-0.1661	-0.0427	-0.2765	-1.28E-4	1.05E-4	-3.15E-6
	CC9	0.0481	0.1301	-0.2309	4.41E-4	-6.16E-5	-2.26E-6
	CC10	0.0726	0.1042	-0.2219	3.44E-4	-1.02E-4	4.43E-5
	CC11	-0.0517	0.1285	-0.2588	4.63E-4	3.70E-5	-6.59E-6
	CC12	-0.0272	0.1026	-0.2497	3.67E-4	-3.75E-6	4.00E-5
	CC13	0.0248	-0.1023	-0.2181	-4.05E-4	-9.00E-5	-3.95E-5
	CC14	0.0493	-0.1282	-0.2091	-5.01E-4	-1.31E-4	7.13E-6
	CC15	-0.0751	-0.1040	-0.2460	-3.83E-4	8.65E-6	-4.38E-5
	CC16	-0.0505	-0.1299	-0.2369	-4.79E-4	-3.21E-5	2.80E-6
32	CC1	0.1536	0.0425	-0.3546	4.52E-4	-2.04E-4	2.23E-5
	CC2	0.1717	0.0320	-0.3366	3.81E-4	-2.16E-4	4.44E-5
	CC3	0.1427	-0.0270	-0.2434	-4.04E-5	-2.13E-4	1.93E-5
	CC4	0.1608	-0.0375	-0.2255	-1.11E-4	-2.25E-4	4.14E-5
	CC5	-0.1532	0.0372	-0.2673	3.60E-4	2.75E-4	-3.49E-5
	CC6	-0.1351	0.0268	-0.2493	2.89E-4	2.63E-4	-1.28E-5
	CC7	-0.1641	-0.0323	-0.1562	-1.32E-4	2.66E-4	-3.79E-5

	CC8	-0.1460	-0.0427	-0.1382	-2.03E-4	2.54E-4	-1.59E-5
	CC9	0.0455	0.1295	-0.4670	1.05E-3	-1.72E-5	-1.05E-5
	CC10	0.0905	0.1036	-0.4223	8.71E-4	-4.56E-5	4.43E-5
	CC11	-0.0465	0.1279	-0.4408	1.02E-3	1.27E-4	-2.77E-5
	CC12	-0.0016	0.1020	-0.3962	8.43E-4	9.81E-5	2.71E-5
	CC13	0.0092	-0.1022	-0.0966	-5.94E-4	-4.80E-5	-2.06E-5
	CC14	0.0542	-0.1281	-0.0519	-7.69E-4	-7.64E-5	3.42E-5
	CC15	-0.0828	-0.1038	-0.0704	-6.22E-4	9.57E-5	-3.78E-5
	CC16	-0.0379	-0.1297	-0.0257	-7.97E-4	6.73E-5	1.70E-5
33	CC1	0.1541	0.0371	-0.3068	-4.93E-4	-2.34E-4	-1.01E-4
	CC2	0.1369	0.0232	-0.3126	-5.43E-4	-2.26E-4	-7.69E-5
	CC3	0.1657	-0.0236	-0.3588	-7.79E-4	-2.61E-4	-1.32E-4
	CC4	0.1485	-0.0375	-0.3646	-8.29E-4	-2.52E-4	-1.08E-4
	CC5	-0.1529	0.0421	-0.1802	-1.77E-4	3.04E-4	1.13E-4
	CC6	-0.1700	0.0282	-0.1860	-2.27E-4	3.13E-4	1.38E-4
	CC7	-0.1413	-0.0186	-0.2322	-4.63E-4	2.78E-4	8.21E-5
	CC8	-0.1584	-0.0325	-0.2380	-5.13E-4	2.86E-4	1.06E-4
	CC9	0.0458	0.1200	-0.1975	-1.21E-5	-2.09E-5	-7.93E-6
	CC10	0.0033	0.0854	-0.2119	-1.35E-4	6.19E-7	5.25E-5
	CC11	-0.0462	0.1214	-0.1595	8.28E-5	1.41E-4	5.64E-5
	CC12	-0.0888	0.0869	-0.1739	-4.02E-5	1.62E-4	1.17E-4
	CC13	0.0844	-0.0824	-0.3709	-9.66E-4	-1.10E-4	-1.12E-4
	CC14	0.0419	-0.1169	-0.3853	-1.09E-3	-8.86E-5	-5.13E-5
	CC15	-0.0076	-0.0809	-0.3329	-8.71E-4	5.14E-5	-4.74E-5
	CC16	-0.0502	-0.1154	-0.3473	-9.94E-4	7.29E-5	1.31E-5
34	CC1	0.1356	0.0367	-0.2458	2.85E-4	-2.73E-4	8.75E-5
	CC2	0.1379	0.0222	-0.2537	2.83E-4	-2.85E-4	1.06E-4
	CC3	0.1348	-0.0260	-0.2805	2.48E-4	-2.68E-4	7.41E-5
	CC4	0.1372	-0.0405	-0.2884	2.47E-4	-2.80E-4	9.27E-5
	CC5	-0.1398	0.0428	-0.1584	1.45E-4	3.09E-4	-9.58E-5
	CC6	-0.1374	0.0282	-0.1662	1.44E-4	2.97E-4	-7.72E-5
	CC7	-0.1405	-0.0200	-0.1931	1.09E-4	3.14E-4	-1.09E-4
	CC8	-0.1381	-0.0345	-0.2009	1.08E-4	3.02E-4	-9.06E-5
	CC9	0.0383	0.1228	-0.1689	2.79E-4	-6.59E-5	2.52E-5
	CC10	0.0442	0.0868	-0.1885	2.76E-4	-9.64E-5	7.13E-5
	CC11	-0.0443	0.1246	-0.1426	2.37E-4	1.09E-4	-2.97E-5
	CC12	-0.0384	0.0886	-0.1622	2.34E-4	7.82E-5	1.64E-5
	CC13	0.0359	-0.0863	-0.2845	1.59E-4	-4.94E-5	-1.95E-5
	CC14	0.0418	-0.1224	-0.3042	1.56E-4	-8.00E-5	2.66E-5
	CC15	-0.0467	-0.0845	-0.2583	1.17E-4	1.25E-4	-7.45E-5
	CC16	-0.0408	-0.1206	-0.2779	1.14E-4	9.46E-5	-2.83E-5
35	CC1	0.1628	0.0424	-0.2775	1.59E-4	-5.65E-4	1.15E-5
	CC2	0.1724	0.0287	-0.2808	9.94E-5	-6.07E-4	3.51E-5
	CC3	0.1561	-0.0234	-0.2859	-1.48E-4	-5.68E-4	-1.00E-5
	CC4	0.1657	-0.0370	-0.2892	-2.08E-4	-6.09E-4	1.36E-5
	CC5	-0.1681	0.0390	-0.2010	1.46E-4	6.42E-4	-9.64E-6
	CC6	-0.1585	0.0253	-0.2043	8.61E-5	6.00E-4	1.40E-5
	CC7	-0.1748	-0.0268	-0.2094	-1.62E-4	6.39E-4	-3.11E-5
	CC8	-0.1652	-0.0404	-0.2126	-2.21E-4	5.98E-4	-7.48E-6
	CC9	0.0477	0.1280	-0.2385	5.57E-4	-1.09E-4	1.16E-5
	CC10	0.0716	0.0942	-0.2467	4.09E-4	-2.12E-4	7.03E-5
	CC11	-0.0516	0.1270	-0.2156	5.53E-4	2.53E-4	5.26E-6
	CC12	-0.0277	0.0931	-0.2237	4.05E-4	1.50E-4	6.39E-5
	CC13	0.0253	-0.0912	-0.2665	-4.67E-4	-1.18E-4	-6.00E-5
	CC14	0.0492	-0.1250	-0.2746	-6.15E-4	-2.20E-4	-1.29E-6
	CC15	-0.0740	-0.0922	-0.2435	-4.71E-4	2.44E-4	-6.63E-5
	CC16	-0.0501	-0.1261	-0.2517	-6.19E-4	1.42E-4	-7.62E-6
36	CC1	0.1513	0.0439	-0.3457	3.29E-4	-3.11E-4	1.55E-5
	CC2	0.1696	0.0293	-0.3258	2.25E-4	-3.26E-4	4.25E-5
	CC3	0.1412	-0.0218	-0.2326	-1.76E-4	-2.87E-4	2.17E-5
	CC4	0.1595	-0.0364	-0.2126	-2.81E-4	-3.03E-4	4.87E-5
	CC5	-0.1537	0.0373	-0.2662	4.16E-4	3.33E-4	-4.37E-5
	CC6	-0.1354	0.0227	-0.2463	3.11E-4	3.17E-4	-1.67E-5
	CC7	-0.1639	-0.0284	-0.1531	-8.99E-5	3.56E-4	-3.75E-5
	CC8	-0.1455	-0.0430	-0.1332	-1.95E-4	3.41E-4	-1.05E-5
	CC9	0.0427	0.1292	-0.4647	1.03E-3	-1.02E-4	-3.25E-5
	CC10	0.0882	0.0928	-0.4152	7.67E-4	-1.39E-4	3.45E-5
	CC11	-0.0488	0.1272	-0.4408	1.05E-3	9.15E-5	-5.03E-5
	CC12	-0.0033	0.0909	-0.3914	7.93E-4	5.38E-5	1.68E-5
	CC13	0.0090	-0.0900	-0.0875	-6.58E-4	-2.38E-5	-1.18E-5
	CC14	0.0545	-0.1263	-0.0380	-9.18E-4	-6.15E-5	5.52E-5
	CC15	-0.0825	-0.0919	-0.0637	-6.32E-4	1.69E-4	-2.96E-5

	CC16	-0.0370	-0.1283	-0.0142	-8.92E-4	1.32E-4	3.75E-5
37	CC1	0.1589	0.0461	-0.3432	5.36E-5	-3.49E-4	-9.10E-5
	CC2	0.1684	0.0245	-0.3522	-2.90E-5	-3.59E-4	-5.54E-5
	CC3	0.1528	-0.0267	-0.3487	-3.06E-4	-2.95E-4	-4.11E-5
	CC4	0.1623	-0.0483	-0.3577	-3.89E-4	-3.05E-4	-5.41E-6
	CC5	-0.1651	0.0510	-0.1143	1.73E-4	2.53E-4	6.79E-6
	CC6	-0.1557	0.0293	-0.1233	9.02E-5	2.43E-4	4.24E-5
	CC7	-0.1712	-0.0218	-0.1198	-1.87E-4	3.08E-4	5.67E-5
	CC8	-0.1617	-0.0435	-0.1288	-2.69E-4	2.98E-4	9.24E-5
	CC9	0.0456	0.1488	-0.2499	5.76E-4	-1.95E-4	-1.41E-4
	CC10	0.0691	0.0950	-0.2723	3.71E-4	-2.19E-4	-5.30E-5
	CC11	-0.0516	0.1502	-0.1812	6.12E-4	-1.38E-5	-1.12E-4
	CC12	-0.0281	0.0965	-0.2036	4.07E-4	-3.82E-5	-2.36E-5
	CC13	0.0253	-0.0939	-0.2684	-6.23E-4	-1.32E-5	2.50E-5
	CC14	0.0488	-0.1476	-0.2908	-8.28E-4	-3.76E-5	1.14E-4
	CC15	-0.0719	-0.0924	-0.1997	-5.87E-4	1.68E-4	5.43E-5
	CC16	-0.0484	-0.1462	-0.2221	-7.92E-4	1.43E-4	1.43E-4
38	CC1	0.1490	0.0463	-0.4183	4.50E-4	-5.01E-4	4.57E-7
	CC2	0.1673	0.0247	-0.4015	3.54E-4	-5.28E-4	3.89E-5
	CC3	0.1395	-0.0265	-0.2982	-7.34E-6	-4.44E-4	3.54E-5
	CC4	0.1578	-0.0480	-0.2814	-1.04E-4	-4.70E-4	7.38E-5
	CC5	-0.1533	0.0505	-0.1932	3.40E-4	3.87E-4	-7.30E-5
	CC6	-0.1349	0.0289	-0.1764	2.43E-4	3.61E-4	-3.46E-5
	CC7	-0.1628	-0.0223	-0.0731	-1.18E-4	4.45E-4	-3.81E-5
	CC8	-0.1445	-0.0438	-0.0563	-2.14E-4	4.19E-4	3.17E-7
	CC9	0.0407	0.1486	-0.4922	1.02E-3	-2.38E-4	-9.45E-5
	CC10	0.0862	0.0950	-0.4503	7.77E-4	-3.03E-4	8.54E-7
	CC11	-0.0500	0.1499	-0.4247	9.83E-4	2.88E-5	-1.17E-4
	CC12	-0.0045	0.0963	-0.3828	7.44E-4	-3.64E-5	-2.12E-5
	CC13	0.0090	-0.0939	-0.0918	-5.08E-4	-4.65E-5	2.20E-5
	CC14	0.0545	-0.1474	-0.0499	-7.47E-4	-1.12E-4	1.17E-4
	CC15	-0.0817	-0.0926	-0.0243	-5.41E-4	2.20E-4	-7.97E-8
	CC16	-0.0362	-0.1462	0.0176	-7.80E-4	1.55E-4	9.53E-5
39	CC1	0.1521	0.0547	-0.4391	-6.99E-4	-6.96E-4	-3.02E-4
	CC2	0.1349	0.0268	-0.4486	-7.64E-4	-6.86E-4	-2.27E-4
	CC3	0.1628	-0.0245	-0.5270	-1.05E-3	-8.30E-4	-2.28E-4
	CC4	0.1456	-0.0525	-0.5366	-1.12E-3	-8.20E-4	-1.53E-4
	CC5	-0.1514	0.0591	-0.0512	7.94E-5	4.48E-4	1.49E-4
	CC6	-0.1686	0.0311	-0.0607	1.37E-5	4.58E-4	2.24E-4
	CC7	-0.1406	-0.0202	-0.1391	-2.73E-4	3.14E-4	2.24E-4
	CC8	-0.1579	-0.0482	-0.1487	-3.39E-4	3.24E-4	2.99E-4
	CC9	0.0462	0.1695	-0.1936	3.37E-5	-1.46E-4	-2.87E-4
	CC10	0.0034	0.1001	-0.2172	-1.30E-4	-1.22E-4	-1.00E-4
	CC11	-0.0449	0.1708	-0.0772	2.67E-4	1.97E-4	-1.51E-4
	CC12	-0.0876	0.1013	-0.1009	1.04E-4	2.21E-4	3.54E-5
	CC13	0.0819	-0.0948	-0.4869	-1.14E-3	-5.93E-4	-3.91E-5
	CC14	0.0391	-0.1643	-0.5105	-1.30E-3	-5.69E-4	1.48E-4
	CC15	-0.0092	-0.0935	-0.3705	-9.08E-4	-2.50E-4	9.64E-5
	CC16	-0.0519	-0.1630	-0.3941	-1.07E-3	-2.26E-4	2.83E-4
40	CC1	0.1332	0.0525	-0.3577	3.87E-4	-6.31E-4	1.04E-4
	CC2	0.1355	0.0243	-0.3739	3.76E-4	-6.56E-4	1.40E-4
	CC3	0.1322	-0.0279	-0.3994	2.71E-4	-6.71E-4	1.38E-4
	CC4	0.1345	-0.0561	-0.4156	2.61E-4	-6.96E-4	1.74E-4
	CC5	-0.1379	0.0600	-0.0570	5.45E-5	4.38E-4	-1.80E-4
	CC6	-0.1356	0.0318	-0.0731	4.40E-5	4.13E-4	-1.43E-4
	CC7	-0.1388	-0.0203	-0.0987	-6.12E-5	3.99E-4	-1.45E-4
	CC8	-0.1365	-0.0485	-0.1148	-7.17E-5	3.73E-4	-1.09E-4
	CC9	0.0378	0.1698	-0.1918	4.13E-4	-1.92E-4	-6.28E-5
	CC10	0.0435	0.0997	-0.2319	3.87E-4	-2.54E-4	2.73E-5
	CC11	-0.0435	0.1721	-0.1016	3.14E-4	1.29E-4	-1.48E-4
	CC12	-0.0378	0.1020	-0.1417	2.88E-4	6.63E-5	-5.76E-5
	CC13	0.0345	-0.0980	-0.3309	2.75E-5	-3.24E-4	5.23E-5
	CC14	0.0402	-0.1681	-0.3710	1.45E-6	-3.86E-4	1.42E-4
	CC15	-0.0468	-0.0957	-0.2406	-7.22E-5	-3.18E-6	-3.27E-5
	CC16	-0.0411	-0.1658	-0.2808	-9.82E-5	-6.57E-5	5.74E-5
41	CC1	0.1580	0.0523	-0.4166	1.52E-4	-6.22E-4	-7.35E-6
	CC2	0.1675	0.0238	-0.4276	9.82E-5	-6.45E-4	2.74E-5
	CC3	0.1523	-0.0286	-0.4093	-1.42E-4	-5.54E-4	3.87E-6
	CC4	0.1618	-0.0570	-0.4203	-1.96E-4	-5.77E-4	3.86E-5
	CC5	-0.1648	0.0603	-0.0644	9.19E-5	4.77E-4	-3.58E-5
	CC6	-0.1554	0.0319	-0.0754	3.81E-5	4.54E-4	-1.05E-6
	CC7	-0.1706	-0.0205	-0.0571	-2.02E-4	5.44E-4	-2.45E-5

	CC8	-0.1611	-0.0489	-0.0681	-2.56E-4	5.21E-4	1.02E-5
	CC9	0.0447	0.1705	-0.2936	5.14E-4	-2.99E-4	-5.61E-5
	CC10	0.0683	0.0999	-0.3210	3.80E-4	-3.56E-4	3.01E-5
	CC11	-0.0521	0.1729	-0.1880	4.96E-4	3.04E-5	-6.47E-5
	CC12	-0.0286	0.1023	-0.2153	3.62E-4	-2.65E-5	2.16E-5
	CC13	0.0255	-0.0990	-0.2694	-4.66E-4	-7.38E-5	-1.87E-5
	CC14	0.0491	-0.1695	-0.2967	-6.00E-4	-1.31E-4	6.75E-5
	CC15	-0.0714	-0.0965	-0.1637	-4.85E-4	2.56E-4	-2.72E-5
	CC16	-0.0478	-0.1671	-0.1911	-6.18E-4	1.99E-4	5.90E-5
42	CC1	0.1487	0.0515	-0.5128	5.24E-4	-7.44E-4	1.59E-6
	CC2	0.1672	0.0229	-0.5025	4.22E-4	-8.03E-4	5.10E-5
	CC3	0.1394	-0.0295	-0.3822	1.79E-5	-6.70E-4	3.64E-5
	CC4	0.1578	-0.0581	-0.3719	-8.40E-5	-7.29E-4	8.58E-5
	CC5	-0.1538	0.0609	-0.1207	2.91E-4	6.11E-4	-7.93E-5
	CC6	-0.1354	0.0324	-0.1104	1.89E-4	5.51E-4	-2.99E-5
	CC7	-0.1632	-0.0200	0.0099	-2.15E-4	6.84E-4	-4.45E-5
	CC8	-0.1448	-0.0486	0.0202	-3.17E-4	6.25E-4	4.93E-6
	CC9	0.0401	0.1705	-0.5355	1.11E-3	-3.12E-4	-1.04E-4
	CC10	0.0859	0.0995	-0.5100	8.54E-4	-4.59E-4	1.87E-5
	CC11	-0.0506	0.1733	-0.4179	1.04E-3	9.46E-5	-1.28E-4
	CC12	-0.0049	0.1023	-0.3924	7.85E-4	-5.28E-5	-5.57E-6
	CC13	0.0089	-0.0995	-0.1002	-5.78E-4	-6.59E-5	1.21E-5
	CC14	0.0546	-0.1705	-0.0747	-8.31E-4	-2.13E-4	1.35E-4
	CC15	-0.0819	-0.0966	0.0175	-6.48E-4	3.40E-4	-1.22E-5
	CC16	-0.0361	-0.1676	0.0430	-9.01E-4	1.93E-4	1.10E-4
43	CC1	0.4721	0.2961	-0.0162	8.14E-4	-1.09E-3	1.73E-6
	CC2	0.4241	0.4994	0.0014	1.28E-3	-9.81E-4	8.64E-5
	CC3	0.5154	-0.4414	-0.1401	-9.71E-4	-1.18E-3	-5.64E-5
	CC4	0.4674	-0.2382	-0.1225	-5.06E-4	-1.08E-3	2.82E-5
	CC5	-0.4856	0.2131	-0.3951	7.77E-4	9.38E-4	-2.26E-5
	CC6	-0.5336	0.4164	-0.3775	1.24E-3	1.04E-3	6.20E-5
	CC7	-0.4423	-0.5245	-0.5190	-1.01E-3	8.40E-4	-8.07E-5
	CC8	-0.4903	-0.3212	-0.5014	-5.42E-4	9.46E-4	3.89E-6
	CC9	0.1219	0.9768	-0.0173	2.54E-3	-3.43E-4	-1.71E-6
	CC10	0.0029	1.4816	0.0265	3.69E-3	-8.02E-5	2.08E-4
	CC11	-0.1654	0.9519	-0.1310	2.53E-3	2.65E-4	-9.00E-6
	CC12	-0.2844	1.4567	-0.0872	3.68E-3	5.27E-4	2.01E-4
	CC13	0.2662	-1.4818	-0.4304	-3.41E-3	-6.68E-4	-1.96E-4
	CC14	0.1472	-0.9769	-0.3866	-2.26E-3	-4.06E-4	1.46E-5
	CC15	-0.0211	-1.5067	-0.5441	-3.42E-3	-6.07E-5	-2.03E-4
	CC16	-0.1401	-1.0018	-0.5003	-2.27E-3	2.02E-4	7.33E-6
44	CC1	0.4705	0.2981	-0.0334	3.66E-4	-1.10E-3	1.83E-7
	CC2	0.4772	0.5014	-0.0243	6.59E-4	-1.11E-3	8.48E-5
	CC3	0.4763	-0.4395	-0.0496	-7.99E-4	-1.12E-3	-5.80E-5
	CC4	0.4830	-0.2362	-0.0405	-5.06E-4	-1.13E-3	2.67E-5
	CC5	-0.5028	0.2151	-0.3806	3.24E-4	1.00E-3	-2.41E-5
	CC6	-0.4962	0.4183	-0.3716	6.18E-4	9.88E-4	6.05E-5
	CC7	-0.4970	-0.5225	-0.3968	-8.41E-4	9.84E-4	-8.23E-5
	CC8	-0.4904	-0.3192	-0.3877	-5.47E-4	9.73E-4	2.34E-6
	CC9	0.1181	0.9788	-0.1428	1.49E-3	-3.41E-4	-3.26E-6
	CC10	0.1346	1.4836	-0.1202	2.22E-3	-3.69E-4	2.07E-4
	CC11	-0.1739	0.9538	-0.2469	1.48E-3	2.90E-4	-1.06E-5
	CC12	-0.1574	1.4587	-0.2244	2.21E-3	2.62E-4	2.00E-4
	CC13	0.1375	-1.4798	-0.1967	-2.39E-3	-3.93E-4	-1.97E-4
	CC14	0.1540	-0.9750	-0.1742	-1.66E-3	-4.21E-4	1.31E-5
	CC15	-0.1545	-1.5047	-0.3009	-2.40E-3	2.38E-4	-2.04E-4
	CC16	-0.1380	-0.9999	-0.2784	-1.67E-3	2.10E-4	5.78E-6
45	CC1	0.4716	0.2984	-0.1011	5.66E-4	-1.02E-3	9.05E-7
	CC2	0.5026	0.5017	-0.1491	9.84E-4	-1.07E-3	8.55E-5
	CC3	0.4606	-0.4392	0.1262	-1.04E-3	-1.02E-3	-5.72E-5
	CC4	0.4917	-0.2359	0.0782	-6.20E-4	-1.07E-3	2.74E-5
	CC5	-0.5088	0.2154	-0.5104	6.32E-4	9.80E-4	-2.34E-5
	CC6	-0.4778	0.4186	-0.5584	1.05E-3	9.24E-4	6.12E-5
	CC7	-0.5197	-0.5222	-0.2831	-9.73E-4	9.81E-4	-8.16E-5
	CC8	-0.4887	-0.3189	-0.3311	-5.55E-4	9.25E-4	3.06E-6
	CC9	0.1182	0.9791	-0.4740	2.15E-3	-2.78E-4	-2.54E-6
	CC10	0.1953	1.4839	-0.5932	3.19E-3	-4.18E-4	2.08E-4
	CC11	-0.1759	0.9541	-0.5968	2.17E-3	3.21E-4	-9.83E-6
	CC12	-0.0988	1.4590	-0.7160	3.21E-3	1.81E-4	2.00E-4
	CC13	0.0817	-1.4795	0.2838	-3.20E-3	-2.74E-4	-1.96E-4
	CC14	0.1588	-0.9747	0.1646	-2.16E-3	-4.14E-4	1.38E-5
	CC15	-0.2124	-1.5044	0.1610	-3.18E-3	3.25E-4	-2.04E-4

	CC16	-0.1353	-0.9996	0.0418	-2.14E-3	1.85E-4	6.50E-6
46	CC1	0.4735	0.2953	-0.1537	1.17E-3	-7.85E-4	1.37E-7
	CC2	0.4255	0.4618	-0.1442	1.76E-3	-7.09E-4	8.48E-5
	CC3	0.5168	-0.4171	-0.2146	-1.41E-3	-8.32E-4	-5.80E-5
	CC4	0.4688	-0.2505	-0.2051	-8.18E-4	-7.56E-4	2.66E-5
	CC5	-0.4842	0.2228	-0.2843	1.10E-3	8.41E-4	-2.42E-5
	CC6	-0.5322	0.3893	-0.2749	1.69E-3	9.17E-4	6.04E-5
	CC7	-0.4409	-0.4896	-0.3452	-1.47E-3	7.94E-4	-8.23E-5
	CC8	-0.4889	-0.3230	-0.3358	-8.85E-4	8.70E-4	2.29E-6
	CC9	0.1233	0.9775	-0.1354	3.71E-3	-2.17E-4	-3.31E-6
	CC10	0.0043	1.3911	-0.1119	5.17E-3	-2.92E-5	2.07E-4
	CC11	-0.1640	0.9557	-0.1746	3.69E-3	2.71E-4	-1.06E-5
	CC12	-0.2830	1.3693	-0.1511	5.15E-3	4.59E-4	2.00E-4
	CC13	0.2676	-1.3971	-0.3383	-4.87E-3	-3.74E-4	-1.97E-4
	CC14	0.1486	-0.9835	-0.3148	-3.41E-3	-1.86E-4	1.30E-5
	CC15	-0.0197	-1.4188	-0.3775	-4.89E-3	1.14E-4	-2.04E-4
	CC16	-0.1387	-1.0052	-0.3540	-3.43E-3	3.02E-4	5.73E-6
47	CC1	0.4718	0.2985	-0.1338	8.70E-4	-7.72E-4	-3.93E-7
	CC2	0.4784	0.4651	-0.1291	1.41E-3	-7.81E-4	8.42E-5
	CC3	0.4776	-0.4139	-0.1480	-1.49E-3	-7.87E-4	-5.85E-5
	CC4	0.4842	-0.2473	-0.1433	-9.54E-4	-7.97E-4	2.61E-5
	CC5	-0.5016	0.2260	-0.2463	7.41E-4	8.88E-4	-2.47E-5
	CC6	-0.4950	0.3926	-0.2416	1.28E-3	8.78E-4	5.99E-5
	CC7	-0.4958	-0.4864	-0.2605	-1.62E-3	8.73E-4	-8.29E-5
	CC8	-0.4891	-0.3198	-0.2558	-1.08E-3	8.63E-4	1.76E-6
	CC9	0.1194	0.9807	-0.1602	3.18E-3	-1.66E-4	-3.84E-6
	CC10	0.1359	1.3943	-0.1485	4.51E-3	-1.90E-4	2.06E-4
	CC11	-0.1727	0.9590	-0.1939	3.14E-3	3.32E-4	-1.11E-5
	CC12	-0.1561	1.3726	-0.1822	4.47E-3	3.08E-4	1.99E-4
	CC13	0.1388	-1.3939	-0.2073	-4.69E-3	-2.16E-4	-1.98E-4
	CC14	0.1553	-0.9803	-0.1957	-3.36E-3	-2.41E-4	1.25E-5
	CC15	-0.1533	-1.4156	-0.2411	-4.73E-3	2.81E-4	-2.05E-4
	CC16	-0.1367	-1.0020	-0.2294	-3.39E-3	2.57E-4	5.20E-6
48	CC1	0.4727	0.2990	-0.1801	9.46E-4	-7.33E-4	5.71E-8
	CC2	0.5037	0.4656	-0.2041	1.49E-3	-7.64E-4	8.47E-5
	CC3	0.4617	-0.4133	-0.0619	-1.46E-3	-7.81E-4	-5.81E-5
	CC4	0.4928	-0.2468	-0.0858	-9.10E-4	-8.12E-4	2.65E-5
	CC5	-0.5077	0.2265	-0.3247	8.20E-4	8.80E-4	-2.43E-5
	CC6	-0.4766	0.3931	-0.3486	1.37E-3	8.49E-4	6.04E-5
	CC7	-0.5187	-0.4858	-0.2064	-1.58E-3	8.33E-4	-8.24E-5
	CC8	-0.4876	-0.3193	-0.2304	-1.04E-3	8.01E-4	2.21E-6
	CC9	0.1193	0.9812	-0.3509	3.30E-3	-8.88E-5	-3.39E-6
	CC10	0.1965	1.3948	-0.4104	4.66E-3	-1.67E-4	2.07E-4
	CC11	-0.1748	0.9595	-0.3943	3.26E-3	3.95E-4	-1.07E-5
	CC12	-0.0976	1.3731	-0.4538	4.62E-3	3.17E-4	1.99E-4
	CC13	0.0827	-1.3933	0.0433	-4.71E-3	-2.48E-4	-1.97E-4
	CC14	0.1599	-0.9797	-0.0162	-3.35E-3	-3.27E-4	1.30E-5
	CC15	-0.2114	-1.4151	-0.0001	-4.75E-3	2.36E-4	-2.05E-4
	CC16	-0.1343	-1.0015	-0.0596	-3.39E-3	1.57E-4	5.66E-6
49	CC1	0.4742	0.2960	-0.1902	1.19E-3	-7.36E-4	-3.90E-6
	CC2	0.4263	0.4319	-0.1808	1.68E-3	-6.57E-4	8.07E-5
	CC3	0.5175	-0.3953	-0.2482	-1.29E-3	-8.19E-4	-6.21E-5
	CC4	0.4696	-0.2594	-0.2388	-8.09E-4	-7.40E-4	2.26E-5
	CC5	-0.4835	0.2324	-0.2490	1.09E-3	7.49E-4	-2.82E-5
	CC6	-0.5314	0.3682	-0.2396	1.57E-3	8.28E-4	5.64E-5
	CC7	-0.4402	-0.4590	-0.3071	-1.40E-3	6.66E-4	-8.64E-5
	CC8	-0.4881	-0.3231	-0.2977	-9.11E-4	7.45E-4	-1.75E-6
	CC9	0.1241	0.9795	-0.1500	3.70E-3	-1.79E-4	-7.35E-6
	CC10	0.0050	1.3169	-0.1267	4.90E-3	1.79E-5	2.03E-4
	CC11	-0.1633	0.9604	-0.1677	3.67E-3	2.67E-4	-1.46E-5
	CC12	-0.2823	1.2978	-0.1443	4.87E-3	4.63E-4	1.96E-4
	CC13	0.2684	-1.3248	-0.3436	-4.59E-3	-4.55E-4	-2.01E-4
	CC14	0.1494	-0.9875	-0.3202	-3.39E-3	-2.58E-4	8.99E-6
	CC15	-0.0189	-1.3439	-0.3612	-4.62E-3	-9.26E-6	-2.08E-4
	CC16	-0.1379	-1.0066	-0.3379	-3.42E-3	1.87E-4	1.69E-6
50	CC1	0.4725	0.2992	-0.1638	8.64E-4	-7.45E-4	-8.32E-7
	CC2	0.4791	0.4351	-0.1597	1.31E-3	-7.51E-4	8.38E-5
	CC3	0.4783	-0.3921	-0.1823	-1.40E-3	-7.69E-4	-5.90E-5
	CC4	0.4849	-0.2563	-0.1783	-9.61E-4	-7.75E-4	2.56E-5
	CC5	-0.5009	0.2355	-0.2085	7.51E-4	7.84E-4	-2.52E-5
	CC6	-0.4943	0.3714	-0.2045	1.19E-3	7.77E-4	5.95E-5
	CC7	-0.4951	-0.4558	-0.2271	-1.52E-3	7.60E-4	-8.33E-5

	CC8	-0.4884	-0.3199	-0.2231	-1.07E-3	7.53E-4	1.32E-6
	CC9	0.1201	0.9827	-0.1607	3.14E-3	-1.77E-4	-4.27E-6
	CC10	0.1366	1.3200	-0.1507	4.24E-3	-1.93E-4	2.06E-4
	CC11	-0.1720	0.9636	-0.1742	3.11E-3	2.82E-4	-1.16E-5
	CC12	-0.1554	1.3009	-0.1641	4.21E-3	2.65E-4	1.99E-4
	CC13	0.1395	-1.3216	-0.2227	-4.42E-3	-2.57E-4	-1.98E-4
	CC14	0.1560	-0.9843	-0.2127	-3.32E-3	-2.73E-4	1.21E-5
	CC15	-0.1526	-1.3408	-0.2361	-4.45E-3	2.02E-4	-2.05E-4
	CC16	-0.1360	-1.0034	-0.2261	-3.35E-3	1.85E-4	4.77E-6
51	CC1	0.4732	0.2998	-0.2783	9.46E-4	-7.19E-4	-3.47E-7
	CC2	0.5043	0.4356	-0.2982	1.40E-3	-7.63E-4	8.43E-5
	CC3	0.4623	-0.3916	-0.1673	-1.37E-3	-6.94E-4	-5.85E-5
	CC4	0.4933	-0.2557	-0.1872	-9.16E-4	-7.38E-4	2.61E-5
	CC5	-0.5071	0.2361	-0.2217	8.29E-4	7.52E-4	-2.47E-5
	CC6	-0.4761	0.3719	-0.2417	1.28E-3	7.08E-4	6.00E-5
	CC7	-0.5181	-0.4552	-0.1107	-1.49E-3	7.77E-4	-8.28E-5
	CC8	-0.4871	-0.3194	-0.1307	-1.03E-3	7.33E-4	1.81E-6
	CC9	0.1199	0.9832	-0.3732	3.27E-3	-2.00E-4	-3.79E-6
	CC10	0.1969	1.3206	-0.4227	4.39E-3	-3.09E-4	2.06E-4
	CC11	-0.1743	0.9641	-0.3563	3.23E-3	2.41E-4	-1.11E-5
	CC12	-0.0972	1.3015	-0.4058	4.36E-3	1.32E-4	1.99E-4
	CC13	0.0834	-1.3211	-0.0032	-4.44E-3	-1.18E-4	-1.98E-4
	CC14	0.1604	-0.9838	-0.0527	-3.32E-3	-2.28E-4	1.25E-5
	CC15	-0.2108	-1.3402	0.0138	-4.48E-3	3.23E-4	-2.05E-4
	CC16	-0.1337	-1.0029	-0.0357	-3.36E-3	2.14E-4	5.25E-6
52	CC1	0.4749	0.2984	-0.1940	8.49E-4	-7.22E-4	-1.80E-6
	CC2	0.4269	0.4035	-0.1826	1.11E-3	-6.46E-4	8.28E-5
	CC3	0.5182	-0.3719	-0.2693	-8.29E-4	-7.94E-4	-6.00E-5
	CC4	0.4702	-0.2668	-0.2579	-5.67E-4	-7.18E-4	2.47E-5
	CC5	-0.4828	0.2435	-0.2313	7.70E-4	7.35E-4	-2.61E-5
	CC6	-0.5308	0.3486	-0.2199	1.03E-3	8.11E-4	5.85E-5
	CC7	-0.4395	-0.4267	-0.3066	-9.08E-4	6.63E-4	-8.43E-5
	CC8	-0.4875	-0.3216	-0.2952	-6.46E-4	7.39E-4	3.53E-7
	CC9	0.1247	0.9832	-0.1276	2.58E-3	-1.84E-4	-5.24E-6
	CC10	0.0057	1.2442	-0.0993	3.24E-3	4.53E-6	2.05E-4
	CC11	-0.1626	0.9667	-0.1388	2.56E-3	2.53E-4	-1.25E-5
	CC12	-0.2816	1.2278	-0.1105	3.21E-3	4.42E-4	1.98E-4
	CC13	0.2690	-1.2510	-0.3786	-3.01E-3	-4.25E-4	-1.99E-4
	CC14	0.1500	-0.9899	-0.3503	-2.36E-3	-2.36E-4	1.11E-5
	CC15	-0.0183	-1.2675	-0.3898	-3.03E-3	1.23E-5	-2.06E-4
	CC16	-0.1373	-1.0064	-0.3615	-2.38E-3	2.01E-4	3.80E-6
53	CC1	0.4730	0.3002	-0.1984	3.88E-4	-7.29E-4	-1.52E-6
	CC2	0.4797	0.4053	-0.1931	5.49E-4	-7.36E-4	8.31E-5
	CC3	0.4788	-0.3701	-0.2309	-6.29E-4	-7.43E-4	-5.97E-5
	CC4	0.4855	-0.2649	-0.2256	-4.67E-4	-7.51E-4	2.50E-5
	CC5	-0.5004	0.2453	-0.1720	3.22E-4	7.72E-4	-2.58E-5
	CC6	-0.4937	0.3504	-0.1667	4.84E-4	7.64E-4	5.88E-5
	CC7	-0.4946	-0.4249	-0.2045	-6.94E-4	7.58E-4	-8.40E-5
	CC8	-0.4879	-0.3198	-0.1993	-5.33E-4	7.50E-4	6.34E-7
	CC9	0.1206	0.9850	-0.1551	1.43E-3	-1.81E-4	-4.96E-6
	CC10	0.1371	1.2460	-0.1419	1.83E-3	-2.00E-4	2.05E-4
	CC11	-0.1714	0.9685	-0.1471	1.41E-3	2.69E-4	-1.23E-5
	CC12	-0.1549	1.2296	-0.1340	1.81E-3	2.50E-4	1.98E-4
	CC13	0.1400	-1.2492	-0.2636	-1.96E-3	-2.29E-4	-1.99E-4
	CC14	0.1565	-0.9881	-0.2505	-1.56E-3	-2.48E-4	1.14E-5
	CC15	-0.1520	-1.2657	-0.2557	-1.98E-3	2.21E-4	-2.06E-4
	CC16	-0.1355	-1.0046	-0.2426	-1.58E-3	2.02E-4	4.08E-6
54	CC1	0.4737	0.3005	-0.2776	6.43E-4	-6.90E-4	-1.30E-6
	CC2	0.5047	0.4056	-0.2997	8.70E-4	-7.30E-4	8.33E-5
	CC3	0.4627	-0.3698	-0.1349	-7.95E-4	-6.87E-4	-5.94E-5
	CC4	0.4938	-0.2647	-0.1570	-5.68E-4	-7.27E-4	2.52E-5
	CC5	-0.5067	0.2456	-0.2492	5.72E-4	7.45E-4	-2.56E-5
	CC6	-0.4757	0.3507	-0.2713	8.00E-4	7.04E-4	5.90E-5
	CC7	-0.5176	-0.4247	-0.1066	-8.66E-4	7.47E-4	-8.38E-5
	CC8	-0.4866	-0.3195	-0.1287	-6.39E-4	7.07E-4	8.56E-7
	CC9	0.1203	0.9852	-0.4176	2.13E-3	-1.61E-4	-4.74E-6
	CC10	0.1974	1.2463	-0.4725	2.69E-3	-2.61E-4	2.05E-4
	CC11	-0.1738	0.9688	-0.4091	2.11E-3	2.69E-4	-1.20E-5
	CC12	-0.0967	1.2298	-0.4640	2.67E-3	1.69E-4	1.98E-4
	CC13	0.0838	-1.2489	0.0578	-2.67E-3	-1.51E-4	-1.99E-4
	CC14	0.1609	-0.9879	0.0029	-2.10E-3	-2.51E-4	1.16E-5
	CC15	-0.2103	-1.2654	0.0663	-2.69E-3	2.79E-4	-2.06E-4

	CC16	-0.1332	-1.0043	0.0114	-2.12E-3	1.79E-4	4.30E-6
55	CC1	0.4754	0.2980	-0.2090	1.23E-3	-7.28E-4	-4.98E-7
	CC2	0.4275	0.3724	-0.2023	1.50E-3	-6.54E-4	8.41E-5
	CC3	0.5187	-0.3512	-0.2618	-1.10E-3	-7.87E-4	-5.86E-5
	CC4	0.4708	-0.2768	-0.2551	-8.35E-4	-7.13E-4	2.60E-5
	CC5	-0.4823	0.2519	-0.2315	1.12E-3	7.23E-4	-2.48E-5
	CC6	-0.5302	0.3263	-0.2247	1.39E-3	7.98E-4	5.98E-5
	CC7	-0.4390	-0.3973	-0.2843	-1.21E-3	6.65E-4	-8.30E-5
	CC8	-0.4869	-0.3229	-0.2776	-9.41E-4	7.39E-4	1.66E-6
	CC9	0.1253	0.9841	-0.1602	3.72E-3	-2.07E-4	-3.94E-6
	CC10	0.0062	1.1689	-0.1435	4.38E-3	-2.25E-5	2.06E-4
	CC11	-0.1620	0.9703	-0.1669	3.68E-3	2.29E-4	-1.12E-5
	CC12	-0.2811	1.1551	-0.1503	4.35E-3	4.13E-4	1.99E-4
	CC13	0.2696	-1.1799	-0.3363	-4.06E-3	-4.02E-4	-1.98E-4
	CC14	0.1506	-0.9951	-0.3196	-3.39E-3	-2.18E-4	1.24E-5
	CC15	-0.0177	-1.1937	-0.3430	-4.09E-3	3.32E-5	-2.05E-4
	CC16	-0.1367	-1.0089	-0.3264	-3.43E-3	2.18E-4	5.10E-6
56	CC1	0.4735	0.3012	-0.1941	8.86E-4	-7.31E-4	-1.64E-6
	CC2	0.4801	0.3756	-0.1917	1.13E-3	-7.40E-4	8.30E-5
	CC3	0.4793	-0.3480	-0.2134	-1.24E-3	-7.37E-4	-5.98E-5
	CC4	0.4860	-0.2736	-0.2110	-9.97E-4	-7.47E-4	2.48E-5
	CC5	-0.4999	0.2551	-0.1743	7.96E-4	7.69E-4	-2.60E-5
	CC6	-0.4932	0.3295	-0.1718	1.04E-3	7.60E-4	5.87E-5
	CC7	-0.4941	-0.3941	-0.1936	-1.33E-3	7.63E-4	-8.41E-5
	CC8	-0.4874	-0.3197	-0.1911	-1.09E-3	7.54E-4	5.15E-7
	CC9	0.1211	0.9873	-0.1665	3.15E-3	-1.92E-4	-5.08E-6
	CC10	0.1376	1.1720	-0.1605	3.76E-3	-2.15E-4	2.05E-4
	CC11	-0.1709	0.9734	-0.1605	3.13E-3	2.59E-4	-1.24E-5
	CC12	-0.1544	1.1582	-0.1545	3.73E-3	2.35E-4	1.98E-4
	CC13	0.1405	-1.1767	-0.2308	-3.93E-3	-2.13E-4	-1.99E-4
	CC14	0.1570	-0.9919	-0.2248	-3.33E-3	-2.36E-4	1.13E-5
	CC15	-0.1515	-1.1905	-0.2248	-3.96E-3	2.37E-4	-2.06E-4
	CC16	-0.1350	-1.0057	-0.2188	-3.36E-3	2.14E-4	3.96E-6
57	CC1	0.4741	0.3017	-0.2603	9.68E-4	-6.75E-4	-1.50E-6
	CC2	0.5051	0.3761	-0.2731	1.22E-3	-7.12E-4	8.31E-5
	CC3	0.4631	-0.3475	-0.1608	-1.20E-3	-7.00E-4	-5.96E-5
	CC4	0.4942	-0.2731	-0.1735	-9.55E-4	-7.37E-4	2.50E-5
	CC5	-0.5063	0.2556	-0.2347	8.75E-4	7.48E-4	-2.58E-5
	CC6	-0.4753	0.3300	-0.2474	1.12E-3	7.10E-4	5.88E-5
	CC7	-0.5173	-0.3936	-0.1351	-1.30E-3	7.22E-4	-8.40E-5
	CC8	-0.4862	-0.3191	-0.1479	-1.05E-3	6.85E-4	6.56E-7
	CC9	0.1207	0.9878	-0.3580	3.28E-3	-1.20E-4	-4.94E-6
	CC10	0.1978	1.1726	-0.3896	3.90E-3	-2.12E-4	2.05E-4
	CC11	-0.1734	0.9740	-0.3503	3.26E-3	3.07E-4	-1.22E-5
	CC12	-0.0963	1.1588	-0.3819	3.87E-3	2.15E-4	1.98E-4
	CC13	0.0842	-1.1762	-0.0262	-3.95E-3	-2.05E-4	-1.99E-4
	CC14	0.1613	-0.9914	-0.0579	-3.34E-3	-2.97E-4	1.14E-5
	CC15	-0.2099	-1.1900	-0.0185	-3.98E-3	2.22E-4	-2.06E-4
	CC16	-0.1329	-1.0052	-0.0502	-3.36E-3	1.30E-4	4.10E-6
58	CC1	0.4761	0.2993	-0.2178	1.28E-3	-7.25E-4	-3.84E-6
	CC2	0.4281	0.3421	-0.2152	1.44E-3	-6.49E-4	8.08E-5
	CC3	0.5194	-0.3282	-0.2557	-1.04E-3	-7.94E-4	-6.20E-5
	CC4	0.4714	-0.2854	-0.2531	-8.76E-4	-7.18E-4	2.26E-5
	CC5	-0.4816	0.2623	-0.2324	1.18E-3	7.29E-4	-2.82E-5
	CC6	-0.5296	0.3051	-0.2298	1.35E-3	8.05E-4	5.65E-5
	CC7	-0.4383	-0.3653	-0.2702	-1.14E-3	6.60E-4	-8.63E-5
	CC8	-0.4863	-0.3224	-0.2677	-9.71E-4	7.36E-4	-1.68E-6
	CC9	0.1259	0.9867	-0.1807	3.83E-3	-1.92E-4	-7.28E-6
	CC10	0.0069	1.0931	-0.1743	4.24E-3	-3.54E-6	2.03E-4
	CC11	-0.1614	0.9756	-0.1850	3.80E-3	2.44E-4	-1.46E-5
	CC12	-0.2804	1.0820	-0.1786	4.21E-3	4.33E-4	1.96E-4
	CC13	0.2702	-1.1051	-0.3068	-3.90E-3	-4.22E-4	-2.01E-4
	CC14	0.1512	-0.9987	-0.3004	-3.49E-3	-2.33E-4	9.06E-6
	CC15	-0.0171	-1.1162	-0.3112	-3.93E-3	1.42E-5	-2.08E-4
	CC16	-0.1361	-1.0098	-0.3048	-3.52E-3	2.03E-4	1.76E-6
59	CC1	0.4740	0.3025	-0.1960	9.40E-4	-7.32E-4	-2.51E-6
	CC2	0.4807	0.3454	-0.1947	1.09E-3	-7.40E-4	8.21E-5
	CC3	0.4799	-0.3250	-0.2133	-1.20E-3	-7.46E-4	-6.07E-5
	CC4	0.4865	-0.2822	-0.2120	-1.05E-3	-7.54E-4	2.40E-5
	CC5	-0.4993	0.2655	-0.1686	8.52E-4	7.72E-4	-2.68E-5
	CC6	-0.4927	0.3084	-0.1673	1.00E-3	7.64E-4	5.78E-5
	CC7	-0.4935	-0.3620	-0.1859	-1.29E-3	7.58E-4	-8.50E-5

	CC8	-0.4869	-0.3192	-0.1846	-1.14E-3	7.50E-4	-3.51E-7
	CC9	0.1216	0.9899	-0.1671	3.30E-3	-1.83E-4	-5.95E-6
	CC10	0.1382	1.0963	-0.1639	3.68E-3	-2.03E-4	2.04E-4
	CC11	-0.1704	0.9788	-0.1589	3.27E-3	2.68E-4	-1.32E-5
	CC12	-0.1538	1.0852	-0.1557	3.65E-3	2.48E-4	1.97E-4
	CC13	0.1410	-1.1019	-0.2249	-3.85E-3	-2.30E-4	-2.00E-4
	CC14	0.1576	-0.9955	-0.2217	-3.47E-3	-2.50E-4	1.04E-5
	CC15	-0.1510	-1.1130	-0.2166	-3.88E-3	2.21E-4	-2.07E-4
	CC16	-0.1344	-1.0066	-0.2134	-3.50E-3	2.01E-4	3.09E-6
60	CC1	0.4745	0.3031	-0.2570	1.01E-3	-6.83E-4	-2.56E-6
	CC2	0.5055	0.3460	-0.2626	1.17E-3	-7.24E-4	8.21E-5
	CC3	0.4635	-0.3244	-0.1819	-1.16E-3	-6.91E-4	-6.07E-5
	CC4	0.4945	-0.2816	-0.1875	-1.00E-3	-7.32E-4	2.39E-5
	CC5	-0.5059	0.2661	-0.2223	9.22E-4	7.41E-4	-2.69E-5
	CC6	-0.4749	0.3089	-0.2279	1.08E-3	7.01E-4	5.77E-5
	CC7	-0.5169	-0.3615	-0.1472	-1.25E-3	7.34E-4	-8.50E-5
	CC8	-0.4858	-0.3186	-0.1527	-1.10E-3	6.93E-4	-4.02E-7
	CC9	0.1211	0.9905	-0.3284	3.40E-3	-1.46E-4	-6.00E-6
	CC10	0.1981	1.0969	-0.3422	3.79E-3	-2.46E-4	2.04E-4
	CC11	-0.1730	0.9794	-0.3180	3.37E-3	2.82E-4	-1.33E-5
	CC12	-0.0960	1.0858	-0.3318	3.76E-3	1.81E-4	1.97E-4
	CC13	0.0846	-1.1013	-0.0780	-3.84E-3	-1.72E-4	-2.00E-4
	CC14	0.1616	-0.9949	-0.0918	-3.46E-3	-2.72E-4	1.03E-5
	CC15	-0.2095	-1.1124	-0.0675	-3.87E-3	2.56E-4	-2.07E-4
	CC16	-0.1325	-1.0060	-0.0814	-3.49E-3	1.56E-4	3.04E-6
61	CC1	0.4767	0.3015	-0.2098	1.30E-3	-7.20E-4	-5.29E-6
	CC2	0.4288	0.3128	-0.2098	1.35E-3	-6.43E-4	7.93E-5
	CC3	0.5200	-0.3044	-0.2423	-9.43E-4	-7.96E-4	-6.34E-5
	CC4	0.4721	-0.2931	-0.2423	-8.89E-4	-7.20E-4	2.12E-5
	CC5	-0.4810	0.2735	-0.2461	1.22E-3	7.24E-4	-2.96E-5
	CC6	-0.5289	0.2848	-0.2461	1.27E-3	8.01E-4	5.50E-5
	CC7	-0.4377	-0.3324	-0.2786	-1.02E-3	6.48E-4	-8.78E-5
	CC8	-0.4856	-0.3211	-0.2786	-9.70E-4	7.25E-4	-3.13E-6
	CC9	0.1266	0.9902	-0.1846	3.84E-3	-1.82E-4	-8.73E-6
	CC10	0.0075	1.0182	-0.1847	3.97E-3	8.08E-6	2.01E-4
	CC11	-0.1607	0.9818	-0.1955	3.82E-3	2.51E-4	-1.60E-5
	CC12	-0.2798	1.0098	-0.1956	3.95E-3	4.41E-4	1.94E-4
	CC13	0.2709	-1.0294	-0.2928	-3.62E-3	-4.37E-4	-2.03E-4
	CC14	0.1519	-1.0014	-0.2929	-3.49E-3	-2.46E-4	7.60E-6
	CC15	-0.0164	-1.0378	-0.3037	-3.65E-3	-3.54E-6	-2.10E-4
	CC16	-0.1354	-1.0098	-0.3038	-3.51E-3	1.87E-4	3.07E-7
62	CC1	0.4746	0.3048	-0.2025	9.54E-4	-7.29E-4	-3.96E-6
	CC2	0.4813	0.3161	-0.2018	1.00E-3	-7.37E-4	8.07E-5
	CC3	0.4805	-0.3011	-0.2218	-1.12E-3	-7.50E-4	-6.21E-5
	CC4	0.4871	-0.2898	-0.2211	-1.07E-3	-7.58E-4	2.25E-5
	CC5	-0.4987	0.2768	-0.1614	8.80E-4	7.67E-4	-2.83E-5
	CC6	-0.4921	0.2881	-0.1606	9.29E-4	7.59E-4	5.63E-5
	CC7	-0.4929	-0.3291	-0.1806	-1.19E-3	7.46E-4	-8.64E-5
	CC8	-0.4863	-0.3178	-0.1799	-1.14E-3	7.39E-4	-1.81E-6
	CC9	0.1222	0.9935	-0.1662	3.31E-3	-1.76E-4	-7.40E-6
	CC10	0.1388	1.0215	-0.1643	3.43E-3	-1.95E-4	2.03E-4
	CC11	-0.1698	0.9851	-0.1538	3.28E-3	2.73E-4	-1.47E-5
	CC12	-0.1533	1.0131	-0.1520	3.41E-3	2.54E-4	1.95E-4
	CC13	0.1416	-1.0261	-0.2304	-3.59E-3	-2.44E-4	-2.01E-4
	CC14	0.1582	-0.9981	-0.2286	-3.47E-3	-2.64E-4	8.93E-6
	CC15	-0.1504	-1.0345	-0.2181	-3.62E-3	2.04E-4	-2.09E-4
	CC16	-0.1339	-1.0065	-0.2162	-3.49E-3	1.85E-4	1.64E-6
63	CC1	0.4748	0.3054	-0.2685	1.03E-3	-6.75E-4	-4.37E-6
	CC2	0.5059	0.3167	-0.2692	1.08E-3	-7.17E-4	8.03E-5
	CC3	0.4639	-0.3005	-0.2065	-1.06E-3	-6.82E-4	-6.25E-5
	CC4	0.4949	-0.2892	-0.2072	-1.01E-3	-7.24E-4	2.21E-5
	CC5	-0.5055	0.2774	-0.2096	9.42E-4	7.29E-4	-2.87E-5
	CC6	-0.4745	0.2887	-0.2103	9.92E-4	6.87E-4	5.59E-5
	CC7	-0.5165	-0.3285	-0.1476	-1.15E-3	7.22E-4	-8.68E-5
	CC8	-0.4854	-0.3172	-0.1483	-1.10E-3	6.81E-4	-2.22E-6
	CC9	0.1215	0.9941	-0.3197	3.41E-3	-1.46E-4	-7.81E-6
	CC10	0.1985	1.0221	-0.3214	3.53E-3	-2.50E-4	2.02E-4
	CC11	-0.1726	0.9857	-0.3020	3.38E-3	2.76E-4	-1.51E-5
	CC12	-0.0956	1.0137	-0.3037	3.51E-3	1.72E-4	1.95E-4
	CC13	0.0850	-1.0255	-0.1131	-3.58E-3	-1.67E-4	-2.02E-4
	CC14	0.1620	-0.9975	-0.1148	-3.45E-3	-2.71E-4	8.52E-6
	CC15	-0.2091	-1.0339	-0.0954	-3.60E-3	2.55E-4	-2.09E-4

	CC16	-0.1321	-1.0059	-0.0971	-3.48E-3	1.51E-4	1.23E-6
64	CC1	0.4774	0.3048	-0.2619	1.32E-3	-7.24E-4	-9.33E-6
	CC2	0.4295	0.2854	-0.2635	1.26E-3	-6.48E-4	7.53E-5
	CC3	0.5207	-0.2800	-0.2943	-8.21E-4	-8.07E-4	-6.75E-5
	CC4	0.4728	-0.2994	-0.2958	-8.75E-4	-7.30E-4	1.71E-5
	CC5	-0.4803	0.2855	-0.2070	1.23E-3	7.12E-4	-3.37E-5
	CC6	-0.5282	0.2661	-0.2085	1.18E-3	7.88E-4	5.10E-5
	CC7	-0.4370	-0.2993	-0.2393	-9.07E-4	6.29E-4	-9.18E-5
	CC8	-0.4849	-0.3188	-0.2409	-9.61E-4	7.06E-4	-7.17E-6
	CC9	0.1273	0.9948	-0.2038	3.82E-3	-1.82E-4	-1.28E-5
	CC10	0.0082	0.9465	-0.2076	3.69E-3	8.05E-6	1.97E-4
	CC11	-0.1600	0.9890	-0.1873	3.80E-3	2.49E-4	-2.01E-5
	CC12	-0.2791	0.9407	-0.1911	3.66E-3	4.39E-4	1.90E-4
	CC13	0.2716	-0.9546	-0.3117	-3.31E-3	-4.57E-4	-2.07E-4
	CC14	0.1526	-1.0029	-0.3155	-3.44E-3	-2.68E-4	3.57E-6
	CC15	-0.0157	-0.9604	-0.2952	-3.33E-3	-2.66E-5	-2.14E-4
	CC16	-0.1347	-1.0087	-0.2990	-3.47E-3	1.63E-4	-3.73E-6
65	CC1	0.4752	0.3083	-0.2159	9.64E-4	-7.40E-4	-7.17E-6
	CC2	0.4821	0.2889	-0.2156	9.13E-4	-7.48E-4	7.75E-5
	CC3	0.4809	-0.2765	-0.2370	-1.01E-3	-7.56E-4	-6.53E-5
	CC4	0.4877	-0.2960	-0.2368	-1.07E-3	-7.64E-4	1.93E-5
	CC5	-0.4982	0.2890	-0.1619	8.87E-4	7.46E-4	-3.15E-5
	CC6	-0.4914	0.2695	-0.1616	8.35E-4	7.38E-4	5.31E-5
	CC7	-0.4926	-0.2959	-0.1830	-1.09E-3	7.30E-4	-8.96E-5
	CC8	-0.4857	-0.3153	-0.1827	-1.14E-3	7.22E-4	-5.01E-6
	CC9	0.1228	0.9983	-0.1726	3.28E-3	-1.95E-4	-1.06E-5
	CC10	0.1398	0.9500	-0.1719	3.15E-3	-2.15E-4	2.00E-4
	CC11	-0.1692	0.9925	-0.1564	3.26E-3	2.51E-4	-1.79E-5
	CC12	-0.1522	0.9442	-0.1557	3.13E-3	2.31E-4	1.92E-4
	CC13	0.1417	-0.9512	-0.2430	-3.31E-3	-2.49E-4	-2.04E-4
	CC14	0.1587	-0.9995	-0.2423	-3.44E-3	-2.69E-4	5.73E-6
	CC15	-0.1503	-0.9570	-0.2268	-3.33E-3	1.97E-4	-2.12E-4
	CC16	-0.1333	-1.0053	-0.2261	-3.46E-3	1.77E-4	-1.57E-6
66	CC1	0.4751	0.3089	-0.2827	1.02E-3	-6.78E-4	-8.82E-6
	CC2	0.5062	0.2903	-0.2799	9.71E-4	-7.21E-4	7.58E-5
	CC3	0.4642	-0.2765	-0.2431	-9.37E-4	-7.00E-4	-6.70E-5
	CC4	0.4952	-0.2951	-0.2403	-9.82E-4	-7.43E-4	1.77E-5
	CC5	-0.5052	0.2893	-0.1979	9.45E-4	7.15E-4	-3.31E-5
	CC6	-0.4742	0.2707	-0.1951	9.00E-4	6.72E-4	5.15E-5
	CC7	-0.5162	-0.2961	-0.1583	-1.01E-3	6.93E-4	-9.13E-5
	CC8	-0.4852	-0.3147	-0.1555	-1.05E-3	6.50E-4	-6.66E-6
	CC9	0.1218	0.9988	-0.3013	3.30E-3	-1.33E-4	-1.23E-5
	CC10	0.1988	0.9526	-0.2943	3.19E-3	-2.40E-4	1.98E-4
	CC11	-0.1723	0.9930	-0.2759	3.28E-3	2.85E-4	-1.96E-5
	CC12	-0.0953	0.9467	-0.2689	3.17E-3	1.78E-4	1.91E-4
	CC13	0.0853	-0.9525	-0.1693	-3.21E-3	-2.06E-4	-2.06E-4
	CC14	0.1623	-0.9987	-0.1623	-3.32E-3	-3.13E-4	4.08E-6
	CC15	-0.2088	-0.9583	-0.1439	-3.23E-3	2.12E-4	-2.13E-4
	CC16	-0.1318	-1.0046	-0.1369	-3.34E-3	1.05E-4	-3.22E-6
67	CC1	0.4781	0.3105	-0.2751	1.31E-3	-7.52E-4	-4.36E-6
	CC2	0.4302	0.2603	-0.2786	1.16E-3	-6.76E-4	8.03E-5
	CC3	0.5214	-0.2533	-0.3126	-6.62E-4	-8.46E-4	-6.25E-5
	CC4	0.4735	-0.3035	-0.3160	-8.15E-4	-7.70E-4	2.21E-5
	CC5	-0.4796	0.2997	-0.2251	1.20E-3	7.30E-4	-2.87E-5
	CC6	-0.5275	0.2495	-0.2286	1.05E-3	8.07E-4	5.59E-5
	CC7	-0.4363	-0.2641	-0.2626	-7.68E-4	6.36E-4	-8.68E-5
	CC8	-0.4842	-0.3143	-0.2661	-9.21E-4	7.13E-4	-2.21E-6
	CC9	0.1280	1.0016	-0.2113	3.69E-3	-1.80E-4	-7.80E-6
	CC10	0.0090	0.8771	-0.2200	3.31E-3	9.46E-6	2.02E-4
	CC11	-0.1593	0.9984	-0.1963	3.65E-3	2.65E-4	-1.51E-5
	CC12	-0.2784	0.8738	-0.2050	3.28E-3	4.54E-4	1.95E-4
	CC13	0.2723	-0.8776	-0.3362	-2.89E-3	-4.93E-4	-2.02E-4
	CC14	0.1533	-1.0022	-0.3448	-3.27E-3	-3.04E-4	8.53E-6
	CC15	-0.0150	-0.8809	-0.3212	-2.92E-3	-4.88E-5	-2.09E-4
	CC16	-0.1340	-1.0054	-0.3299	-3.30E-3	1.41E-4	1.24E-6
68	CC1	0.4757	0.3148	-0.2447	9.25E-4	-7.58E-4	-2.59E-6
	CC2	0.4824	0.2646	-0.2452	7.82E-4	-7.67E-4	8.20E-5
	CC3	0.4815	-0.2490	-0.2718	-8.85E-4	-7.78E-4	-6.07E-5
	CC4	0.4882	-0.2991	-0.2723	-1.03E-3	-7.87E-4	2.39E-5
	CC5	-0.4976	0.3040	-0.1726	8.80E-4	7.46E-4	-2.69E-5
	CC6	-0.4910	0.2538	-0.1731	7.37E-4	7.37E-4	5.77E-5
	CC7	-0.4918	-0.2598	-0.1998	-9.30E-4	7.26E-4	-8.51E-5

	CC8	-0.4852	-0.3100	-0.2002	-1.07E-3	7.17E-4	-4.32E-7
	CC9	0.1233	1.0059	-0.1875	3.13E-3	-2.01E-4	-6.03E-6
	CC10	0.1398	0.8814	-0.1887	2.77E-3	-2.24E-4	2.04E-4
	CC11	-0.1687	1.0027	-0.1659	3.11E-3	2.51E-4	-1.33E-5
	CC12	-0.1522	0.8782	-0.1670	2.76E-3	2.27E-4	1.97E-4
	CC13	0.1427	-0.8733	-0.2779	-2.91E-3	-2.68E-4	-2.00E-4
	CC14	0.1592	-0.9979	-0.2790	-3.26E-3	-2.91E-4	1.03E-5
	CC15	-0.1493	-0.8766	-0.2563	-2.92E-3	1.83E-4	-2.07E-4
	CC16	-0.1328	-1.0011	-0.2574	-3.28E-3	1.60E-4	3.01E-6
69	CC1	0.4754	0.3162	-0.1704	5.75E-4	-7.39E-4	-5.90E-6
	CC2	0.5064	0.2660	-0.1644	4.80E-4	-7.86E-4	7.87E-5
	CC3	0.4644	-0.2476	-0.1761	-4.57E-4	-7.08E-4	-6.40E-5
	CC4	0.4955	-0.2977	-0.1701	-5.51E-4	-7.56E-4	2.06E-5
	CC5	-0.5050	0.3054	-0.3159	7.60E-4	7.25E-4	-3.02E-5
	CC6	-0.4740	0.2552	-0.3100	6.66E-4	6.77E-4	5.44E-5
	CC7	-0.5160	-0.2584	-0.3216	-2.71E-4	7.55E-4	-8.84E-5
	CC8	-0.4849	-0.3086	-0.3157	-3.66E-4	7.08E-4	-3.74E-6
	CC9	0.1220	1.0073	-0.2191	1.91E-3	-2.27E-4	-9.34E-6
	CC10	0.1991	0.8828	-0.2044	1.68E-3	-3.45E-4	2.01E-4
	CC11	-0.1721	1.0041	-0.2628	1.97E-3	2.12E-4	-1.66E-5
	CC12	-0.0951	0.8796	-0.2480	1.73E-3	9.44E-5	1.94E-4
	CC13	0.0855	-0.8719	-0.2380	-1.52E-3	-1.25E-4	-2.03E-4
	CC14	0.1626	-0.9965	-0.2233	-1.76E-3	-2.44E-4	7.00E-6
	CC15	-0.2086	-0.8752	-0.2817	-1.47E-3	3.14E-4	-2.10E-4
	CC16	-0.1316	-0.9997	-0.2670	-1.70E-3	1.96E-4	-3.01E-7
70	CC1	0.4705	0.3166	-0.1969	7.74E-4	-1.18E-3	-5.99E-7
	CC2	0.5305	0.2700	-0.1673	6.65E-4	-1.34E-3	8.40E-5
	CC3	0.4396	-0.2496	-0.0634	-6.56E-4	-1.07E-3	-5.87E-5
	CC4	0.4997	-0.2962	-0.0338	-7.65E-4	-1.23E-3	2.59E-5
	CC5	-0.5182	0.3048	-0.5456	7.68E-4	1.24E-3	-2.49E-5
	CC6	-0.4582	0.2582	-0.5160	6.59E-4	1.08E-3	5.97E-5
	CC7	-0.5491	-0.2614	-0.4122	-6.61E-4	1.35E-3	-8.31E-5
	CC8	-0.4891	-0.3080	-0.3826	-7.71E-4	1.19E-3	1.56E-6
	CC9	0.1160	1.0076	-0.4966	2.52E-3	-3.44E-4	-4.04E-6
	CC10	0.2650	0.8919	-0.4231	2.25E-3	-7.36E-4	2.06E-4
	CC11	-0.1807	1.0041	-0.6012	2.52E-3	3.82E-4	-1.13E-5
	CC12	-0.0316	0.8884	-0.5277	2.25E-3	-1.05E-5	1.99E-4
	CC13	0.0131	-0.8798	-0.0517	-2.24E-3	1.80E-5	-1.98E-4
	CC14	0.1621	-0.9955	0.0218	-2.52E-3	-3.75E-4	1.23E-5
	CC15	-0.2835	-0.8833	-0.1563	-2.25E-3	7.44E-4	-2.05E-4
	CC16	-0.1345	-0.9990	-0.0828	-2.52E-3	3.51E-4	5.00E-6
71	CC1	0.4789	0.3106	-0.2794	8.94E-4	-7.54E-4	7.32E-6
	CC2	0.4309	0.2289	-0.2861	7.11E-4	-6.78E-4	9.19E-5
	CC3	0.5222	-0.2315	-0.3347	-4.08E-4	-8.41E-4	-5.08E-5
	CC4	0.4743	-0.3132	-0.3415	-5.92E-4	-7.65E-4	3.38E-5
	CC5	-0.4788	0.3052	-0.2389	8.67E-4	7.59E-4	-1.70E-5
	CC6	-0.5267	0.2235	-0.2457	6.83E-4	8.35E-4	6.76E-5
	CC7	-0.4355	-0.2370	-0.2942	-4.36E-4	6.72E-4	-7.52E-5
	CC8	-0.4834	-0.3187	-0.3010	-6.19E-4	7.48E-4	9.47E-6
	CC9	0.1287	1.0018	-0.1956	2.54E-3	-1.78E-4	3.87E-6
	CC10	0.0097	0.7989	-0.2124	2.08E-3	1.03E-5	2.14E-4
	CC11	-0.1586	1.0002	-0.1835	2.53E-3	2.75E-4	-3.42E-6
	CC12	-0.2776	0.7972	-0.2003	2.08E-3	4.64E-4	2.07E-4
	CC13	0.2731	-0.8053	-0.3801	-1.80E-3	-4.70E-4	-1.90E-4
	CC14	0.1540	-1.0082	-0.3969	-2.26E-3	-2.81E-4	2.02E-5
	CC15	-0.0143	-0.8069	-0.3680	-1.81E-3	-1.62E-5	-1.97E-4
	CC16	-0.1333	-1.0099	-0.3847	-2.27E-3	1.73E-4	1.29E-5
72	CC1	0.4762	0.3129	-0.2557	2.96E-4	-7.62E-4	2.84E-6
	CC2	0.4828	0.2312	-0.2595	1.92E-4	-7.73E-4	8.75E-5
	CC3	0.4820	-0.2292	-0.2950	-4.25E-4	-7.81E-4	-5.53E-5
	CC4	0.4886	-0.3110	-0.2988	-5.29E-4	-7.92E-4	2.93E-5
	CC5	-0.4972	0.3074	-0.1968	3.83E-4	7.88E-4	-2.15E-5
	CC6	-0.4905	0.2257	-0.2006	2.79E-4	7.76E-4	6.31E-5
	CC7	-0.4914	-0.2347	-0.2361	-3.38E-4	7.69E-4	-7.96E-5
	CC8	-0.4847	-0.3164	-0.2399	-4.42E-4	7.57E-4	5.00E-6
	CC9	0.1238	1.0041	-0.1863	1.24E-3	-1.89E-4	-6.02E-7
	CC10	0.1403	0.8011	-0.1958	9.86E-4	-2.17E-4	2.10E-4
	CC11	-0.1682	1.0024	-0.1687	1.27E-3	2.76E-4	-7.90E-6
	CC12	-0.1517	0.7995	-0.1781	1.01E-3	2.47E-4	2.02E-4
	CC13	0.1432	-0.8030	-0.3175	-1.16E-3	-2.52E-4	-1.94E-4
	CC14	0.1597	-1.0060	-0.3270	-1.42E-3	-2.80E-4	1.57E-5
	CC15	-0.1488	-0.8047	-0.2998	-1.13E-3	2.13E-4	-2.02E-4

	CC16	-0.1323	-1.0076	-0.3093	-1.39E-3	1.84E-4	8.44E-6
73	CC1	0.4760	0.3133	-0.2059	3.87E-4	-6.97E-4	1.83E-6
	CC2	0.5070	0.2316	-0.2013	2.92E-4	-7.48E-4	8.65E-5
	CC3	0.4650	-0.2288	-0.1990	-2.56E-4	-6.89E-4	-5.63E-5
	CC4	0.4960	-0.3105	-0.1944	-3.51E-4	-7.40E-4	2.83E-5
	CC5	-0.5044	0.3078	-0.3127	4.47E-4	7.61E-4	-2.25E-5
	CC6	-0.4734	0.2261	-0.3081	3.53E-4	7.10E-4	6.21E-5
	CC7	-0.5154	-0.2343	-0.3057	-1.96E-4	7.69E-4	-8.06E-5
	CC8	-0.4843	-0.3160	-0.3012	-2.90E-4	7.18E-4	3.99E-6
	CC9	0.1226	1.0045	-0.2547	1.23E-3	-1.58E-4	-1.61E-6
	CC10	0.1997	0.8015	-0.2434	9.94E-4	-2.84E-4	2.09E-4
	CC11	-0.1715	1.0029	-0.2868	1.25E-3	2.80E-4	-8.91E-6
	CC12	-0.0945	0.7999	-0.2754	1.01E-3	1.53E-4	2.01E-4
	CC13	0.0861	-0.8026	-0.2316	-9.16E-4	-1.31E-4	-1.95E-4
	CC14	0.1632	-1.0056	-0.2203	-1.15E-3	-2.58E-4	1.47E-5
	CC15	-0.2080	-0.8042	-0.2636	-8.98E-4	3.06E-4	-2.03E-4
	CC16	-0.1310	-1.0072	-0.2523	-1.13E-3	1.79E-4	7.43E-6
74	CC1	0.4723	0.3138	-0.2799	6.23E-4	-7.64E-4	9.92E-7
	CC2	0.5323	0.2320	-0.2602	4.71E-4	-8.61E-4	8.56E-5
	CC3	0.4414	-0.2284	-0.1630	-4.65E-4	-7.15E-4	-5.72E-5
	CC4	0.5014	-0.3101	-0.1433	-6.17E-4	-8.13E-4	2.75E-5
	CC5	-0.5164	0.3083	-0.3844	5.81E-4	8.97E-4	-2.33E-5
	CC6	-0.4564	0.2266	-0.3647	4.29E-4	8.00E-4	6.13E-5
	CC7	-0.5473	-0.2339	-0.2675	-5.08E-4	9.46E-4	-8.15E-5
	CC8	-0.4873	-0.3156	-0.2479	-6.60E-4	8.48E-4	3.15E-6
	CC9	0.1177	1.0049	-0.4674	1.99E-3	-1.67E-4	-2.45E-6
	CC10	0.2668	0.8020	-0.4185	1.61E-3	-4.09E-4	2.08E-4
	CC11	-0.1789	1.0033	-0.4987	1.98E-3	3.32E-4	-9.75E-6
	CC12	-0.0298	0.8003	-0.4499	1.60E-3	8.93E-5	2.00E-4
	CC13	0.0149	-0.8022	-0.0779	-1.64E-3	-4.78E-6	-1.96E-4
	CC14	0.1639	-1.0051	-0.0290	-2.01E-3	-2.47E-4	1.39E-5
	CC15	-0.2818	-0.8038	-0.1092	-1.65E-3	4.94E-4	-2.04E-4
	CC16	-0.1327	-1.0068	-0.0604	-2.03E-3	2.51E-4	6.59E-6
75	CC1	0.4798	0.3029	-0.3302	1.26E-3	-8.47E-4	2.47E-6
	CC2	0.4318	0.1908	-0.3366	9.02E-4	-7.69E-4	8.71E-5
	CC3	0.5231	-0.2185	-0.3846	-4.65E-4	-9.49E-4	-5.57E-5
	CC4	0.4751	-0.3305	-0.3910	-8.20E-4	-8.71E-4	2.89E-5
	CC5	-0.4779	0.3151	-0.2014	1.19E-3	7.97E-4	-2.19E-5
	CC6	-0.5259	0.2030	-0.2078	8.31E-4	8.75E-4	6.28E-5
	CC7	-0.4346	-0.2063	-0.2558	-5.36E-4	6.95E-4	-8.00E-5
	CC8	-0.4826	-0.3183	-0.2621	-8.91E-4	7.74E-4	4.62E-6
	CC9	0.1296	0.9985	-0.2169	3.50E-3	-2.11E-4	-9.75E-7
	CC10	0.0106	0.7203	-0.2328	2.62E-3	-1.67E-5	2.09E-4
	CC11	-0.1577	1.0021	-0.1783	3.48E-3	2.82E-4	-8.27E-6
	CC12	-0.2767	0.7239	-0.1941	2.60E-3	4.77E-4	2.02E-4
	CC13	0.2739	-0.7394	-0.3982	-2.24E-3	-5.50E-4	-1.95E-4
	CC14	0.1549	-1.0176	-0.4141	-3.12E-3	-3.56E-4	1.54E-5
	CC15	-0.0134	-0.7357	-0.3596	-2.26E-3	-5.68E-5	-2.02E-4
	CC16	-0.1324	-1.0139	-0.3754	-3.14E-3	1.38E-4	8.07E-6
76	CC1	0.4768	0.3069	-0.2724	8.61E-4	-8.42E-4	-1.34E-6
	CC2	0.4834	0.1945	-0.2805	5.38E-4	-8.56E-4	8.33E-5
	CC3	0.4826	-0.2142	-0.3088	-7.17E-4	-8.59E-4	-5.95E-5
	CC4	0.4892	-0.3266	-0.3169	-1.04E-3	-8.73E-4	2.51E-5
	CC5	-0.4966	0.3192	-0.1850	8.39E-4	8.31E-4	-2.57E-5
	CC6	-0.4900	0.2068	-0.1931	5.16E-4	8.17E-4	5.90E-5
	CC7	-0.4908	-0.2019	-0.2214	-7.39E-4	8.15E-4	-8.38E-5
	CC8	-0.4841	-0.3143	-0.2295	-1.06E-3	8.01E-4	8.20E-7
	CC9	0.1244	1.0025	-0.1933	2.93E-3	-2.27E-4	-4.78E-6
	CC10	0.1409	0.7233	-0.2134	2.13E-3	-2.62E-4	2.05E-4
	CC11	-0.1676	1.0062	-0.1671	2.93E-3	2.75E-4	-1.21E-5
	CC12	-0.1511	0.7270	-0.1872	2.13E-3	2.41E-4	1.98E-4
	CC13	0.1438	-0.7344	-0.3147	-2.33E-3	-2.82E-4	-1.99E-4
	CC14	0.1603	-1.0136	-0.3348	-3.13E-3	-3.17E-4	1.16E-5
	CC15	-0.1483	-0.7307	-0.2885	-2.33E-3	2.20E-4	-2.06E-4
	CC16	-0.1317	-1.0099	-0.3086	-3.14E-3	1.85E-4	4.26E-6
77	CC1	0.4763	0.3073	-0.2911	7.69E-4	-1.15E-3	-1.62E-6
	CC2	0.5073	0.1989	-0.2948	5.15E-4	-1.23E-3	8.30E-5
	CC3	0.4654	-0.2164	-0.3011	-5.15E-4	-1.12E-3	-5.98E-5
	CC4	0.4964	-0.3249	-0.3048	-7.69E-4	-1.20E-3	2.49E-5
	CC5	-0.5041	0.3187	-0.2091	8.18E-4	1.21E-3	-2.59E-5
	CC6	-0.4730	0.2102	-0.2128	5.63E-4	1.13E-3	5.87E-5
	CC7	-0.5150	-0.2051	-0.2191	-4.67E-4	1.24E-3	-8.41E-5

	CC8	-0.4840	-0.3136	-0.2228	-7.21E-4	1.16E-3	5.34E-7
	CC9	0.1229	1.0028	-0.2480	2.47E-3	-2.95E-4	-5.06E-6
	CC10	0.2000	0.7335	-0.2572	1.84E-3	-4.93E-4	2.05E-4
	CC11	-0.1712	1.0062	-0.2234	2.49E-3	4.12E-4	-1.24E-5
	CC12	-0.0941	0.7369	-0.2326	1.86E-3	2.14E-4	1.98E-4
	CC13	0.0864	-0.7431	-0.2813	-1.81E-3	-2.06E-4	-1.99E-4
	CC14	0.1635	-1.0125	-0.2905	-2.44E-3	-4.05E-4	1.13E-5
	CC15	-0.2077	-0.7397	-0.2567	-1.79E-3	5.01E-4	-2.06E-4
	CC16	-0.1306	-1.0091	-0.2659	-2.43E-3	3.02E-4	3.98E-6
78	CC1	0.4737	0.3081	-0.3678	4.88E-4	-8.60E-4	-3.03E-6
	CC2	0.5337	0.1965	-0.3468	2.88E-4	-9.72E-4	8.16E-5
	CC3	0.4428	-0.2135	-0.2478	-4.77E-4	-8.03E-4	-6.12E-5
	CC4	0.5028	-0.3252	-0.2268	-6.77E-4	-9.16E-4	2.34E-5
	CC5	-0.5150	0.3202	-0.2835	5.88E-4	9.66E-4	-2.74E-5
	CC6	-0.4550	0.2086	-0.2625	3.87E-4	8.54E-4	5.73E-5
	CC7	-0.5459	-0.2014	-0.1635	-3.78E-4	1.02E-3	-8.55E-5
	CC8	-0.4859	-0.3131	-0.1425	-5.78E-4	9.11E-4	-8.75E-7
	CC9	0.1191	1.0037	-0.4939	1.80E-3	-2.03E-4	-6.47E-6
	CC10	0.2682	0.7264	-0.4418	1.30E-3	-4.83E-4	2.04E-4
	CC11	-0.1775	1.0073	-0.4686	1.83E-3	3.44E-4	-1.38E-5
	CC12	-0.0284	0.7301	-0.4166	1.33E-3	6.47E-5	1.96E-4
	CC13	0.0163	-0.7350	-0.0938	-1.42E-3	-1.39E-5	-2.00E-4
	CC14	0.1653	-1.0123	-0.0417	-1.92E-3	-2.94E-4	9.86E-6
	CC15	-0.2804	-0.7314	-0.0685	-1.39E-3	5.34E-4	-2.08E-4
	CC16	-0.1313	-1.0086	-0.0164	-1.89E-3	2.54E-4	2.57E-6
79	CC1	0.4770	0.3092	-0.3644	5.81E-4	-3.47E-4	-1.95E-6
	CC2	0.5080	0.1742	-0.3738	3.87E-4	-3.56E-4	8.27E-5
	CC3	0.4660	-0.1963	-0.3707	-2.38E-4	-2.79E-4	-6.01E-5
	CC4	0.4971	-0.3314	-0.3801	-4.32E-4	-2.87E-4	2.45E-5
	CC5	-0.5034	0.3272	-0.1318	5.43E-4	3.13E-4	-2.63E-5
	CC6	-0.4724	0.1922	-0.1413	3.49E-4	3.05E-4	5.84E-5
	CC7	-0.5143	-0.1784	-0.1382	-2.76E-4	3.82E-4	-8.44E-5
	CC8	-0.4833	-0.3134	-0.1476	-4.70E-4	3.73E-4	2.06E-7
	CC9	0.1236	1.0055	-0.2686	1.67E-3	-1.90E-4	-5.39E-6
	CC10	0.2007	0.6701	-0.2920	1.19E-3	-2.11E-4	2.05E-4
	CC11	-0.1705	1.0109	-0.1989	1.66E-3	8.41E-6	-1.27E-5
	CC12	-0.0934	0.6755	-0.2223	1.17E-3	-1.27E-5	1.97E-4
	CC13	0.0871	-0.6797	-0.2897	-1.06E-3	3.89E-5	-1.99E-4
	CC14	0.1642	-1.0151	-0.3131	-1.54E-3	1.78E-5	1.09E-5
	CC15	-0.2070	-0.6743	-0.2199	-1.07E-3	2.37E-4	-2.07E-4
	CC16	-0.1299	-1.0097	-0.2433	-1.56E-3	2.16E-4	3.65E-6
80	CC1	0.4746	0.3095	-0.4440	4.55E-4	-4.44E-4	-2.45E-6
	CC2	0.5346	0.1744	-0.4257	2.49E-4	-4.74E-4	8.22E-5
	CC3	0.4438	-0.1961	-0.3172	-3.88E-4	-4.04E-4	-6.06E-5
	CC4	0.5038	-0.3311	-0.2989	-5.93E-4	-4.33E-4	2.40E-5
	CC5	-0.5141	0.3275	-0.2101	4.65E-4	4.26E-4	-2.68E-5
	CC6	-0.4541	0.1924	-0.1918	2.59E-4	3.97E-4	5.79E-5
	CC7	-0.5450	-0.1781	-0.0833	-3.78E-4	4.67E-4	-8.49E-5
	CC8	-0.4849	-0.3131	-0.0650	-5.84E-4	4.38E-4	-2.95E-7
	CC9	0.1201	1.0058	-0.5237	1.59E-3	-1.66E-4	-5.89E-6
	CC10	0.2691	0.6704	-0.4782	1.08E-3	-2.38E-4	2.04E-4
	CC11	-0.1765	1.0112	-0.4535	1.60E-3	9.56E-5	-1.32E-5
	CC12	-0.0275	0.6758	-0.4080	1.09E-3	2.33E-5	1.97E-4
	CC13	0.0172	-0.6794	-0.1010	-1.21E-3	-3.01E-5	-2.00E-4
	CC14	0.1662	-1.0148	-0.0555	-1.73E-3	-1.02E-4	1.04E-5
	CC15	-0.2794	-0.6740	-0.0308	-1.21E-3	2.31E-4	-2.07E-4
	CC16	-0.1304	-1.0094	0.0147	-1.72E-3	1.59E-4	3.15E-6
81	CC1	0.4817	0.3062	-0.4660	9.19E-4	-9.22E-4	-9.22E-6
	CC2	0.4338	0.1574	-0.4757	6.07E-4	-8.15E-4	7.54E-5
	CC3	0.5250	-0.1900	-0.5584	-2.16E-4	-1.03E-3	-6.74E-5
	CC4	0.4771	-0.3388	-0.5681	-5.27E-4	-9.24E-4	1.73E-5
	CC5	-0.4759	0.3277	-0.0512	8.62E-4	1.10E-3	-3.35E-5
	CC6	-0.5239	0.1789	-0.0608	5.51E-4	1.21E-3	5.11E-5
	CC7	-0.4326	-0.1685	-0.1436	-2.72E-4	9.91E-4	-9.17E-5
	CC8	-0.4806	-0.3173	-0.1533	-5.84E-4	1.10E-3	-7.06E-6
	CC9	0.1316	1.0029	-0.2058	2.45E-3	-1.66E-4	-1.27E-5
	CC10	0.0126	0.6335	-0.2298	1.68E-3	9.97E-5	1.98E-4
	CC11	-0.1557	1.0093	-0.0814	2.44E-3	4.41E-4	-2.00E-5
	CC12	-0.2747	0.6399	-0.1054	1.66E-3	7.06E-4	1.90E-4
	CC13	0.2759	-0.6510	-0.5139	-1.33E-3	-5.30E-4	-2.06E-4
	CC14	0.1569	-1.0204	-0.5379	-2.10E-3	-2.65E-4	3.68E-6
	CC15	-0.0114	-0.6446	-0.3894	-1.34E-3	7.60E-5	-2.14E-4

	CC16	-0.1304	-1.0140	-0.4135	-2.12E-3	3.41E-4	-3.62E-6
82	CC1	0.4782	0.3087	-0.3881	3.34E-4	-1.00E-3	-4.64E-6
	CC2	0.4852	0.1603	-0.4054	1.65E-4	-1.01E-3	8.00E-5
	CC3	0.4838	-0.1878	-0.4339	-3.44E-4	-1.02E-3	-6.28E-5
	CC4	0.4908	-0.3361	-0.4513	-5.13E-4	-1.04E-3	2.18E-5
	CC5	-0.4953	0.3301	-0.0652	2.90E-4	1.18E-3	-2.90E-5
	CC6	-0.4883	0.1817	-0.0825	1.21E-4	1.17E-3	5.57E-5
	CC7	-0.4896	-0.1664	-0.1110	-3.89E-4	1.16E-3	-8.71E-5
	CC8	-0.4827	-0.3147	-0.1284	-5.58E-4	1.14E-3	-2.48E-6
	CC9	0.1258	1.0054	-0.2087	1.24E-3	-2.00E-4	-8.08E-6
	CC10	0.1431	0.6370	-0.2518	8.16E-4	-2.34E-4	2.02E-4
	CC11	-0.1662	1.0118	-0.1118	1.22E-3	4.54E-4	-1.54E-5
	CC12	-0.1490	0.6434	-0.1549	8.03E-4	4.20E-4	1.95E-4
	CC13	0.1445	-0.6495	-0.3615	-1.03E-3	-2.79E-4	-2.02E-4
	CC14	0.1618	-1.0179	-0.4046	-1.45E-3	-3.13E-4	8.26E-6
	CC15	-0.1475	-0.6431	-0.2647	-1.04E-3	3.75E-4	-2.09E-4
	CC16	-0.1303	-1.0114	-0.3078	-1.46E-3	3.41E-4	9.62E-7
83	CC1	0.4773	0.3091	-0.4441	4.67E-4	-9.51E-4	-9.62E-7
	CC2	0.5083	0.1604	-0.4556	3.24E-4	-1.01E-3	8.37E-5
	CC3	0.4663	-0.1870	-0.4342	-1.31E-4	-9.04E-4	-5.91E-5
	CC4	0.4974	-0.3358	-0.4457	-2.75E-4	-9.64E-4	2.55E-5
	CC5	-0.5031	0.3306	-0.0628	3.36E-4	1.01E-3	-2.53E-5
	CC6	-0.4721	0.1819	-0.0743	1.93E-4	9.46E-4	5.93E-5
	CC7	-0.5140	-0.1655	-0.0529	-2.63E-4	1.05E-3	-8.34E-5
	CC8	-0.4830	-0.3143	-0.0644	-4.06E-4	9.93E-4	1.19E-6
	CC9	0.1239	1.0058	-0.3137	1.23E-3	-2.76E-4	-4.40E-6
	CC10	0.2010	0.6364	-0.3422	8.71E-4	-4.24E-4	2.06E-4
	CC11	-0.1702	1.0123	-0.1993	1.19E-3	3.11E-4	-1.17E-5
	CC12	-0.0931	0.6429	-0.2278	8.31E-4	1.63E-4	1.98E-4
	CC13	0.0874	-0.6480	-0.2807	-7.70E-4	-1.21E-4	-1.98E-4
	CC14	0.1645	-1.0175	-0.3092	-1.13E-3	-2.69E-4	1.19E-5
	CC15	-0.2067	-0.6416	-0.1663	-8.09E-4	4.66E-4	-2.06E-4
	CC16	-0.1296	-1.0110	-0.1948	-1.17E-3	3.18E-4	4.64E-6
84	CC1	0.4751	0.3096	-0.5344	5.88E-4	-9.74E-4	-1.13E-6
	CC2	0.5351	0.1609	-0.5250	3.28E-4	-1.10E-3	8.35E-5
	CC3	0.4442	-0.1866	-0.4003	-3.95E-4	-9.01E-4	-5.93E-5
	CC4	0.5042	-0.3353	-0.3909	-6.55E-4	-1.03E-3	2.53E-5
	CC5	-0.5136	0.3311	-0.1186	5.64E-4	1.08E-3	-2.55E-5
	CC6	-0.4536	0.1824	-0.1092	3.04E-4	9.52E-4	5.92E-5
	CC7	-0.5445	-0.1650	0.0154	-4.19E-4	1.15E-3	-8.36E-5
	CC8	-0.4845	-0.3138	0.0248	-6.79E-4	1.03E-3	1.02E-6
	CC9	0.1205	1.0063	-0.5522	1.92E-3	-2.47E-4	-4.58E-6
	CC10	0.2696	0.6369	-0.5288	1.27E-3	-5.63E-4	2.06E-4
	CC11	-0.1761	1.0128	-0.4275	1.91E-3	3.69E-4	-1.19E-5
	CC12	-0.0270	0.6434	-0.4041	1.27E-3	5.31E-5	1.98E-4
	CC13	0.0176	-0.6476	-0.1054	-1.36E-3	-2.32E-6	-1.98E-4
	CC14	0.1667	-1.0170	-0.0820	-2.00E-3	-3.18E-4	1.18E-5
	CC15	-0.2790	-0.6411	0.0193	-1.36E-3	6.14E-4	-2.06E-4
	CC16	-0.1299	-1.0105	0.0427	-2.01E-3	2.98E-4	4.46E-6
85	CC1	0.8924	0.6091	-0.0187	7.70E-4	-9.59E-4	-8.23E-6
	CC2	0.7909	1.0354	-0.0006	1.16E-3	-8.64E-4	1.65E-4
	CC3	0.9938	-0.9704	-0.1462	-9.09E-4	-1.05E-3	-1.44E-4
	CC4	0.8923	-0.5441	-0.1281	-5.19E-4	-9.52E-4	2.93E-5
	CC5	-0.8996	0.5242	-0.4078	6.34E-4	8.34E-4	-2.69E-5
	CC6	-1.0010	0.9505	-0.3897	1.02E-3	9.29E-4	1.46E-4
	CC7	-0.7982	-1.0553	-0.5354	-1.04E-3	7.46E-4	-1.63E-4
	CC8	-0.8996	-0.6290	-0.5173	-6.55E-4	8.40E-4	1.06E-5
	CC9	0.2222	2.1059	-0.0195	2.39E-3	-2.98E-4	1.51E-5
	CC10	-0.0298	3.1647	0.0255	3.36E-3	-6.32E-5	4.45E-4
	CC11	-0.3154	2.0804	-0.1363	2.35E-3	2.39E-4	9.51E-6
	CC12	-0.5674	3.1392	-0.0913	3.32E-3	4.75E-4	4.40E-4
	CC13	0.5602	-3.1591	-0.4447	-3.20E-3	-5.93E-4	-4.37E-4
	CC14	0.3081	-2.1003	-0.3997	-2.24E-3	-3.58E-4	-7.13E-6
	CC15	0.0226	-3.1846	-0.5614	-3.24E-3	-5.52E-5	-4.43E-4
	CC16	-0.2294	-2.1258	-0.5165	-2.28E-3	1.80E-4	-1.27E-5
86	CC1	0.8836	0.6089	-0.0365	4.03E-4	-9.35E-4	-9.54E-6
	CC2	0.8939	1.0352	-0.0266	6.75E-4	-9.48E-4	1.64E-4
	CC3	0.8984	-0.9706	-0.0565	-7.61E-4	-9.54E-4	-1.45E-4
	CC4	0.9087	-0.5443	-0.0466	-4.89E-4	-9.66E-4	2.80E-5
	CC5	-0.9203	0.5240	-0.4000	3.56E-4	8.49E-4	-2.82E-5
	CC6	-0.9100	0.9503	-0.3901	6.28E-4	8.36E-4	1.45E-4
	CC7	-0.9055	-1.0555	-0.4200	-8.08E-4	8.30E-4	-1.64E-4

	CC8	-0.8952	-0.6292	-0.4100	-5.37E-4	8.18E-4	9.31E-6
	CC9	0.2274	2.1057	-0.1478	1.54E-3	-2.81E-4	1.38E-5
	CC10	0.2529	3.1645	-0.1231	2.22E-3	-3.11E-4	4.44E-4
	CC11	-0.3138	2.0802	-0.2569	1.53E-3	2.55E-4	8.20E-6
	CC12	-0.2883	3.1390	-0.2322	2.20E-3	2.24E-4	4.38E-4
	CC13	0.2767	-3.1593	-0.2144	-2.34E-3	-3.42E-4	-4.39E-4
	CC14	0.3022	-2.1005	-0.1897	-1.66E-3	-3.72E-4	-8.44E-6
	CC15	-0.2644	-3.1848	-0.3234	-2.35E-3	1.94E-4	-4.44E-4
	CC16	-0.2390	-2.1260	-0.2987	-1.68E-3	1.63E-4	-1.40E-5
87	CC1	0.8814	0.6089	-0.1059	5.96E-4	-9.04E-4	-7.97E-6
	CC2	0.9416	1.0352	-0.1553	9.85E-4	-9.46E-4	1.65E-4
	CC3	0.8560	-0.9706	0.1292	-1.04E-3	-9.47E-4	-1.44E-4
	CC4	0.9161	-0.5443	0.0798	-6.50E-4	-9.90E-4	2.95E-5
	CC5	-0.9279	0.5240	-0.5225	6.40E-4	9.17E-4	-2.66E-5
	CC6	-0.8677	0.9503	-0.5719	1.03E-3	8.75E-4	1.47E-4
	CC7	-0.9533	-1.0555	-0.2874	-9.95E-4	8.74E-4	-1.62E-4
	CC8	-0.8932	-0.6292	-0.3368	-6.06E-4	8.31E-4	1.09E-5
	CC9	0.2332	2.1057	-0.4894	2.23E-3	-1.85E-4	1.54E-5
	CC10	0.3826	3.1645	-0.6119	3.20E-3	-2.90E-4	4.46E-4
	CC11	-0.3096	2.0802	-0.6144	2.24E-3	3.62E-4	9.78E-6
	CC12	-0.1601	3.1390	-0.7369	3.21E-3	2.56E-4	4.40E-4
	CC13	0.1484	-3.1593	0.2942	-3.22E-3	-3.29E-4	-4.37E-4
	CC14	0.2978	-2.1005	0.1717	-2.25E-3	-4.34E-4	-6.86E-6
	CC15	-0.3944	-3.1848	0.1692	-3.21E-3	2.18E-4	-4.43E-4
	CC16	-0.2450	-2.1260	0.0467	-2.24E-3	1.12E-4	-1.25E-5
88	CC1	0.8924	0.6121	-0.1637	9.35E-4	-6.61E-4	-8.89E-6
	CC2	0.7909	0.9632	-0.1541	1.38E-3	-5.95E-4	1.64E-4
	CC3	0.9938	-0.9092	-0.2265	-1.24E-3	-7.18E-4	-1.45E-4
	CC4	0.8923	-0.5580	-0.2169	-7.97E-4	-6.51E-4	2.86E-5
	CC5	-0.8996	0.5344	-0.3005	8.33E-4	6.75E-4	-2.75E-5
	CC6	-1.0010	0.8856	-0.2909	1.28E-3	7.42E-4	1.46E-4
	CC7	-0.7982	-0.9868	-0.3633	-1.34E-3	6.19E-4	-1.63E-4
	CC8	-0.8996	-0.6357	-0.3537	-8.99E-4	6.85E-4	9.96E-6
	CC9	0.2222	2.0992	-0.1455	3.11E-3	-1.77E-4	1.45E-5
	CC10	-0.0299	2.9712	-0.1215	4.21E-3	-1.20E-5	4.45E-4
	CC11	-0.3154	2.0759	-0.1865	3.08E-3	2.23E-4	8.86E-6
	CC12	-0.5674	2.9479	-0.1626	4.18E-3	3.89E-4	4.39E-4
	CC13	0.5602	-2.9715	-0.3548	-4.14E-3	-3.65E-4	-4.38E-4
	CC14	0.3081	-2.0995	-0.3309	-3.04E-3	-1.99E-4	-7.78E-6
	CC15	0.0226	-2.9948	-0.3959	-4.17E-3	3.61E-5	-4.44E-4
	CC16	-0.2294	-2.1228	-0.3719	-3.07E-3	2.02E-4	-1.34E-5
89	CC1	0.8837	0.6120	-0.1457	8.21E-4	-6.31E-4	-9.73E-6
	CC2	0.8940	0.9631	-0.1406	1.24E-3	-6.41E-4	1.64E-4
	CC3	0.8985	-0.9092	-0.1613	-1.21E-3	-6.45E-4	-1.45E-4
	CC4	0.9088	-0.5581	-0.1562	-7.91E-4	-6.55E-4	2.78E-5
	CC5	-0.9202	0.5344	-0.2660	7.50E-4	6.90E-4	-2.84E-5
	CC6	-0.9100	0.8855	-0.2609	1.17E-3	6.80E-4	1.45E-4
	CC7	-0.9054	-0.9869	-0.2816	-1.28E-3	6.76E-4	-1.64E-4
	CC8	-0.8952	-0.6357	-0.2765	-8.62E-4	6.66E-4	9.12E-6
	CC9	0.2274	2.0992	-0.1734	2.85E-3	-1.44E-4	1.36E-5
	CC10	0.2529	2.9712	-0.1607	3.88E-3	-1.69E-4	4.44E-4
	CC11	-0.3138	2.0759	-0.2095	2.83E-3	2.52E-4	8.02E-6
	CC12	-0.2883	2.9479	-0.1968	3.86E-3	2.27E-4	4.38E-4
	CC13	0.2768	-2.9716	-0.2254	-3.90E-3	-1.92E-4	-4.39E-4
	CC14	0.3023	-2.0996	-0.2127	-2.87E-3	-2.17E-4	-8.62E-6
	CC15	-0.2644	-2.9949	-0.2615	-3.92E-3	2.04E-4	-4.45E-4
	CC16	-0.2389	-2.1229	-0.2487	-2.89E-3	1.79E-4	-1.42E-5
90	CC1	0.8813	0.6119	-0.1880	8.79E-4	-6.36E-4	-8.79E-6
	CC2	0.9416	0.9631	-0.2127	1.32E-3	-6.63E-4	1.64E-4
	CC3	0.8558	-0.9093	-0.0650	-1.25E-3	-6.77E-4	-1.45E-4
	CC4	0.9161	-0.5582	-0.0898	-8.12E-4	-7.04E-4	2.87E-5
	CC5	-0.9280	0.5343	-0.3388	8.06E-4	7.24E-4	-2.74E-5
	CC6	-0.8677	0.8854	-0.3636	1.24E-3	6.97E-4	1.46E-4
	CC7	-0.9535	-0.9869	-0.2158	-1.32E-3	6.83E-4	-1.63E-4
	CC8	-0.8932	-0.6358	-0.2406	-8.85E-4	6.56E-4	1.01E-5
	CC9	0.2332	2.0991	-0.3658	3.01E-3	-9.21E-5	1.46E-5
	CC10	0.3829	2.9711	-0.4274	4.09E-3	-1.59E-4	4.45E-4
	CC11	-0.3096	2.0758	-0.4111	2.99E-3	3.16E-4	8.95E-6
	CC12	-0.1599	2.9478	-0.4726	4.07E-3	2.49E-4	4.39E-4
	CC13	0.1481	-2.9717	0.0441	-4.08E-3	-2.30E-4	-4.38E-4
	CC14	0.2978	-2.0997	-0.0175	-3.00E-3	-2.96E-4	-7.68E-6
	CC15	-0.3947	-2.9950	-0.0012	-4.10E-3	1.78E-4	-4.44E-4

	CC16	-0.2450	-2.1229	-0.0627	-3.02E-3	1.12E-4	-1.33E-5
91	CC1	0.8925	0.6165	-0.2011	9.18E-4	-5.87E-4	-1.29E-5
	CC2	0.7910	0.9047	-0.1915	1.29E-3	-5.15E-4	1.60E-4
	CC3	0.9939	-0.8560	-0.2607	-1.18E-3	-6.94E-4	-1.49E-4
	CC4	0.8924	-0.5678	-0.2511	-8.07E-4	-6.22E-4	2.46E-5
	CC5	-0.8995	0.5449	-0.2621	8.38E-4	6.05E-4	-3.15E-5
	CC6	-1.0010	0.8331	-0.2525	1.21E-3	6.78E-4	1.42E-4
	CC7	-0.7981	-0.9276	-0.3217	-1.26E-3	4.99E-4	-1.67E-4
	CC8	-0.8996	-0.6394	-0.3121	-8.88E-4	5.71E-4	5.97E-6
	CC9	0.2222	2.0956	-0.1600	3.06E-3	-9.91E-5	1.05E-5
	CC10	-0.0298	2.8114	-0.1361	3.98E-3	8.04E-5	4.41E-4
	CC11	-0.3153	2.0741	-0.1783	3.04E-3	2.59E-4	4.86E-6
	CC12	-0.5674	2.7899	-0.1544	3.95E-3	4.38E-4	4.35E-4
	CC13	0.5602	-2.8128	-0.3587	-3.92E-3	-4.55E-4	-4.42E-4
	CC14	0.3082	-2.0970	-0.3348	-3.01E-3	-2.75E-4	-1.18E-5
	CC15	0.0227	-2.8343	-0.3770	-3.95E-3	-9.68E-5	-4.48E-4
	CC16	-0.2294	-2.1185	-0.3532	-3.03E-3	8.27E-5	-1.74E-5
92	CC1	0.8838	0.6164	-0.1767	8.18E-4	-5.86E-4	-1.18E-5
	CC2	0.8940	0.9047	-0.1722	1.16E-3	-5.92E-4	1.61E-4
	CC3	0.8986	-0.8561	-0.1973	-1.13E-3	-6.16E-4	-1.48E-4
	CC4	0.9088	-0.5678	-0.1929	-7.86E-4	-6.22E-4	2.57E-5
	CC5	-0.9202	0.5448	-0.2239	7.48E-4	6.01E-4	-3.05E-5
	CC6	-0.9099	0.8331	-0.2195	1.09E-3	5.95E-4	1.43E-4
	CC7	-0.9054	-0.9277	-0.2445	-1.20E-3	5.71E-4	-1.66E-4
	CC8	-0.8951	-0.6394	-0.2401	-8.56E-4	5.65E-4	7.03E-6
	CC9	0.2275	2.0955	-0.1724	2.81E-3	-1.31E-4	1.15E-5
	CC10	0.2530	2.8114	-0.1615	3.67E-3	-1.46E-4	4.42E-4
	CC11	-0.3137	2.0740	-0.1866	2.79E-3	2.25E-4	5.93E-6
	CC12	-0.2882	2.7899	-0.1757	3.65E-3	2.10E-4	4.36E-4
	CC13	0.2769	-2.8129	-0.2411	-3.69E-3	-2.31E-4	-4.41E-4
	CC14	0.3024	-2.0970	-0.2302	-2.83E-3	-2.46E-4	-1.07E-5
	CC15	-0.2643	-2.8344	-0.2553	-3.71E-3	1.25E-4	-4.47E-4
	CC16	-0.2388	-2.1185	-0.2443	-2.85E-3	1.10E-4	-1.63E-5
93	CC1	0.8814	0.6164	-0.2888	8.77E-4	-6.18E-4	-1.18E-5
	CC2	0.9415	0.9046	-0.3094	1.24E-3	-6.60E-4	1.61E-4
	CC3	0.8559	-0.8561	-0.1739	-1.17E-3	-5.68E-4	-1.48E-4
	CC4	0.9161	-0.5679	-0.1945	-8.08E-4	-6.10E-4	2.57E-5
	CC5	-0.9279	0.5448	-0.2304	8.03E-4	6.05E-4	-3.04E-5
	CC6	-0.8678	0.8331	-0.2509	1.17E-3	5.63E-4	1.43E-4
	CC7	-0.9534	-0.9277	-0.1155	-1.25E-3	6.55E-4	-1.66E-4
	CC8	-0.8932	-0.6395	-0.1360	-8.83E-4	6.13E-4	7.06E-6
	CC9	0.2332	2.0955	-0.3872	2.97E-3	-2.17E-4	1.16E-5
	CC10	0.3826	2.8113	-0.4382	3.87E-3	-3.21E-4	4.42E-4
	CC11	-0.3096	2.0740	-0.3697	2.95E-3	1.50E-4	5.96E-6
	CC12	-0.1602	2.7898	-0.4207	3.85E-3	4.58E-5	4.36E-4
	CC13	0.1483	-2.8129	-0.0042	-3.86E-3	-5.07E-5	-4.41E-4
	CC14	0.2978	-2.0971	-0.0552	-2.95E-3	-1.55E-4	-1.07E-5
	CC15	-0.3944	-2.8344	0.0133	-3.88E-3	3.16E-4	-4.47E-4
	CC16	-0.2450	-2.1185	-0.0377	-2.98E-3	2.12E-4	-1.63E-5
94	CC1	0.8926	0.6225	-0.2046	6.83E-4	-5.68E-4	-1.35E-5
	CC2	0.7911	0.8478	-0.1927	9.02E-4	-5.01E-4	1.60E-4
	CC3	0.9940	-0.8014	-0.2837	-8.13E-4	-6.55E-4	-1.49E-4
	CC4	0.8925	-0.5760	-0.2718	-5.95E-4	-5.87E-4	2.40E-5
	CC5	-0.8994	0.5569	-0.2433	6.29E-4	5.74E-4	-3.22E-5
	CC6	-1.0009	0.7823	-0.2314	8.48E-4	6.42E-4	1.41E-4
	CC7	-0.7980	-0.8669	-0.3224	-8.67E-4	4.87E-4	-1.68E-4
	CC8	-0.8995	-0.6415	-0.3105	-6.48E-4	5.55E-4	5.34E-6
	CC9	0.2224	2.0935	-0.1347	2.25E-3	-1.18E-4	9.83E-6
	CC10	-0.0297	2.6532	-0.1051	2.79E-3	5.01E-5	4.40E-4
	CC11	-0.3152	2.0738	-0.1463	2.23E-3	2.25E-4	4.24E-6
	CC12	-0.5672	2.6335	-0.1167	2.77E-3	3.93E-4	4.35E-4
	CC13	0.5604	-2.6526	-0.3984	-2.74E-3	-4.06E-4	-4.43E-4
	CC14	0.3083	-2.0929	-0.3688	-2.20E-3	-2.38E-4	-1.24E-5
	CC15	0.0228	-2.6722	-0.4100	-2.76E-3	-6.33E-5	-4.48E-4
	CC16	-0.2293	-2.1125	-0.3804	-2.21E-3	1.04E-4	-1.80E-5
95	CC1	0.8839	0.6225	-0.2132	4.03E-4	-5.69E-4	-1.26E-5
	CC2	0.8942	0.8478	-0.2074	5.51E-4	-5.77E-4	1.61E-4
	CC3	0.8987	-0.8013	-0.2501	-5.85E-4	-5.83E-4	-1.48E-4
	CC4	0.9090	-0.5760	-0.2442	-4.36E-4	-5.91E-4	2.49E-5
	CC5	-0.9200	0.5569	-0.1853	3.46E-4	5.80E-4	-3.12E-5
	CC6	-0.9098	0.7823	-0.1795	4.95E-4	5.72E-4	1.42E-4
	CC7	-0.9052	-0.8669	-0.2222	-6.41E-4	5.66E-4	-1.67E-4

	CC8	-0.8950	-0.6415	-0.2164	-4.93E-4	5.58E-4	6.29E-6
	CC9	0.2276	2.0935	-0.1647	1.43E-3	-1.44E-4	1.08E-5
	CC10	0.2531	2.6532	-0.1502	1.79E-3	-1.64E-4	4.41E-4
	CC11	-0.3136	2.0738	-0.1564	1.41E-3	2.00E-4	5.18E-6
	CC12	-0.2881	2.6335	-0.1419	1.78E-3	1.81E-4	4.35E-4
	CC13	0.2770	-2.6526	-0.2877	-1.87E-3	-1.91E-4	-4.42E-4
	CC14	0.3025	-2.0929	-0.2732	-1.50E-3	-2.11E-4	-1.15E-5
	CC15	-0.2642	-2.6722	-0.2793	-1.88E-3	1.54E-4	-4.47E-4
	CC16	-0.2387	-2.1125	-0.2648	-1.52E-3	1.34E-4	-1.70E-5
96	CC1	0.8814	0.6225	-0.2894	6.17E-4	-5.76E-4	-1.26E-5
	CC2	0.9416	0.8478	-0.3126	8.27E-4	-6.12E-4	1.61E-4
	CC3	0.8559	-0.8013	-0.1390	-7.88E-4	-5.62E-4	-1.48E-4
	CC4	0.9161	-0.5760	-0.1621	-5.78E-4	-5.98E-4	2.49E-5
	CC5	-0.9279	0.5569	-0.2602	5.64E-4	5.92E-4	-3.13E-5
	CC6	-0.8677	0.7823	-0.2833	7.73E-4	5.56E-4	1.42E-4
	CC7	-0.9534	-0.8669	-0.1097	-8.41E-4	6.06E-4	-1.67E-4
	CC8	-0.8932	-0.6415	-0.1328	-6.32E-4	5.70E-4	6.23E-6
	CC9	0.2332	2.0935	-0.4376	2.08E-3	-1.57E-4	1.07E-5
	CC10	0.3826	2.6532	-0.4951	2.60E-3	-2.46E-4	4.41E-4
	CC11	-0.3096	2.0738	-0.4288	2.07E-3	1.93E-4	5.12E-6
	CC12	-0.1602	2.6335	-0.4863	2.59E-3	1.04E-4	4.35E-4
	CC13	0.1484	-2.6526	0.0640	-2.60E-3	-1.10E-4	-4.42E-4
	CC14	0.2978	-2.0929	0.0065	-2.08E-3	-2.00E-4	-1.15E-5
	CC15	-0.3944	-2.6722	0.0728	-2.62E-3	2.40E-4	-4.47E-4
	CC16	-0.2450	-2.1125	0.0153	-2.10E-3	1.51E-4	-1.71E-5
97	CC1	0.8927	0.6277	-0.2209	9.09E-4	-5.72E-4	-1.41E-5
	CC2	0.7912	0.7902	-0.2140	1.13E-3	-5.08E-4	1.59E-4
	CC3	0.9941	-0.7474	-0.2750	-1.03E-3	-6.31E-4	-1.50E-4
	CC4	0.8926	-0.5849	-0.2681	-8.10E-4	-5.67E-4	2.34E-5
	CC5	-0.8992	0.5682	-0.2441	8.52E-4	5.54E-4	-3.27E-5
	CC6	-1.0007	0.7307	-0.2373	1.07E-3	6.19E-4	1.41E-4
	CC7	-0.7978	-0.8069	-0.2982	-1.08E-3	4.95E-4	-1.68E-4
	CC8	-0.8993	-0.6444	-0.2913	-8.67E-4	5.59E-4	4.78E-6
	CC9	0.2225	2.0906	-0.1711	2.99E-3	-1.55E-4	9.27E-6
	CC10	-0.0295	2.4942	-0.1540	3.53E-3	4.00E-6	4.40E-4
	CC11	-0.3151	2.0728	-0.1780	2.97E-3	1.83E-4	3.67E-6
	CC12	-0.5671	2.4763	-0.1609	3.51E-3	3.42E-4	4.34E-4
	CC13	0.5605	-2.4930	-0.3513	-3.47E-3	-3.55E-4	-4.43E-4
	CC14	0.3085	-2.0895	-0.3342	-2.93E-3	-1.95E-4	-1.30E-5
	CC15	0.0229	-2.5109	-0.3583	-3.48E-3	-1.69E-5	-4.49E-4
	CC16	-0.2291	-2.1073	-0.3412	-2.94E-3	1.42E-4	-1.86E-5
98	CC1	0.8840	0.6277	-0.2088	8.17E-4	-5.64E-4	-1.29E-5
	CC2	0.8943	0.7902	-0.2061	1.02E-3	-5.74E-4	1.60E-4
	CC3	0.8988	-0.7474	-0.2303	-9.87E-4	-5.65E-4	-1.49E-4
	CC4	0.9091	-0.5849	-0.2277	-7.84E-4	-5.76E-4	2.46E-5
	CC5	-0.9199	0.5682	-0.1879	7.61E-4	5.76E-4	-3.15E-5
	CC6	-0.9096	0.7307	-0.1852	9.63E-4	5.66E-4	1.42E-4
	CC7	-0.9051	-0.8069	-0.2094	-1.04E-3	5.75E-4	-1.67E-4
	CC8	-0.8948	-0.6444	-0.2068	-8.41E-4	5.65E-4	5.98E-6
	CC9	0.2278	2.0906	-0.1784	2.75E-3	-1.56E-4	1.05E-5
	CC10	0.2533	2.4942	-0.1717	3.25E-3	-1.81E-4	4.41E-4
	CC11	-0.3134	2.0727	-0.1721	2.73E-3	1.86E-4	4.87E-6
	CC12	-0.2879	2.4763	-0.1655	3.24E-3	1.61E-4	4.35E-4
	CC13	0.2771	-2.4931	-0.2501	-3.26E-3	-1.61E-4	-4.42E-4
	CC14	0.3026	-2.0895	-0.2435	-2.76E-3	-1.86E-4	-1.18E-5
	CC15	-0.2640	-2.5109	-0.2439	-3.28E-3	1.81E-4	-4.48E-4
	CC16	-0.2386	-2.1074	-0.2372	-2.78E-3	1.56E-4	-1.74E-5
99	CC1	0.8814	0.6276	-0.2706	8.75E-4	-5.48E-4	-1.30E-5
	CC2	0.9416	0.7901	-0.2837	1.09E-3	-5.77E-4	1.60E-4
	CC3	0.8560	-0.7475	-0.1675	-1.02E-3	-5.81E-4	-1.49E-4
	CC4	0.9161	-0.5850	-0.1806	-8.07E-4	-6.11E-4	2.45E-5
	CC5	-0.9279	0.5681	-0.2438	8.16E-4	6.00E-4	-3.16E-5
	CC6	-0.8677	0.7306	-0.2570	1.03E-3	5.71E-4	1.42E-4
	CC7	-0.9533	-0.8070	-0.1407	-1.08E-3	5.67E-4	-1.67E-4
	CC8	-0.8932	-0.6445	-0.1539	-8.67E-4	5.37E-4	5.89E-6
	CC9	0.2332	2.0906	-0.3717	2.91E-3	-8.52E-5	1.04E-5
	CC10	0.3827	2.4941	-0.4043	3.44E-3	-1.59E-4	4.41E-4
	CC11	-0.3096	2.0727	-0.3637	2.89E-3	2.59E-4	4.78E-6
	CC12	-0.1601	2.4763	-0.3963	3.42E-3	1.86E-4	4.35E-4
	CC13	0.1484	-2.4931	-0.0281	-3.41E-3	-1.96E-4	-4.42E-4
	CC14	0.2978	-2.0896	-0.0608	-2.88E-3	-2.70E-4	-1.19E-5
	CC15	-0.3944	-2.5110	-0.0201	-3.43E-3	1.48E-4	-4.48E-4

	CC16	-0.2450	-2.1074	-0.0528	-2.90E-3	7.48E-5	-1.75E-5
100	CC1	0.8928	0.6345	-0.2303	9.15E-4	-5.59E-4	-1.73E-5
	CC2	0.7913	0.7324	-0.2277	1.06E-3	-4.93E-4	1.56E-4
	CC3	0.9942	-0.6905	-0.2689	-9.59E-4	-6.38E-4	-1.53E-4
	CC4	0.8927	-0.5926	-0.2663	-8.17E-4	-5.71E-4	2.02E-5
	CC5	-0.8991	0.5812	-0.2451	8.68E-4	5.58E-4	-3.60E-5
	CC6	-1.0006	0.6790	-0.2425	1.01E-3	6.25E-4	1.37E-4
	CC7	-0.7977	-0.7438	-0.2837	-1.01E-3	4.80E-4	-1.72E-4
	CC8	-0.8992	-0.6460	-0.2810	-8.65E-4	5.47E-4	1.55E-6
	CC9	0.2226	2.0891	-0.1925	2.98E-3	-1.26E-4	6.04E-6
	CC10	-0.0294	2.3322	-0.1859	3.33E-3	3.95E-5	4.36E-4
	CC11	-0.3150	2.0731	-0.1969	2.97E-3	2.09E-4	4.44E-7
	CC12	-0.5670	2.3162	-0.1903	3.32E-3	3.75E-4	4.31E-4
	CC13	0.5606	-2.3276	-0.3210	-3.27E-3	-3.87E-4	-4.46E-4
	CC14	0.3086	-2.0846	-0.3144	-2.92E-3	-2.21E-4	-1.62E-5
	CC15	0.0230	-2.3436	-0.3255	-3.28E-3	-5.19E-5	-4.52E-4
	CC16	-0.2290	-2.1006	-0.3189	-2.93E-3	1.14E-4	-2.18E-5
101	CC1	0.8841	0.6345	-0.2110	8.42E-4	-5.60E-4	-1.47E-5
	CC2	0.8944	0.7324	-0.2096	9.75E-4	-5.68E-4	1.59E-4
	CC3	0.8989	-0.6905	-0.2300	-9.30E-4	-5.74E-4	-1.50E-4
	CC4	0.9092	-0.5927	-0.2286	-7.96E-4	-5.82E-4	2.28E-5
	CC5	-0.9198	0.5812	-0.1822	7.95E-4	5.75E-4	-3.33E-5
	CC6	-0.9095	0.6790	-0.1807	9.29E-4	5.67E-4	1.40E-4
	CC7	-0.9050	-0.7439	-0.2011	-9.76E-4	5.61E-4	-1.69E-4
	CC8	-0.8947	-0.6460	-0.1997	-8.42E-4	5.53E-4	4.16E-6
	CC9	0.2279	2.0891	-0.1799	2.79E-3	-1.40E-4	8.65E-6
	CC10	0.2534	2.3321	-0.1763	3.12E-3	-1.60E-4	4.39E-4
	CC11	-0.3133	2.0731	-0.1712	2.78E-3	2.00E-4	3.05E-6
	CC12	-0.2878	2.3161	-0.1677	3.11E-3	1.80E-4	4.33E-4
	CC13	0.2772	-2.3276	-0.2431	-3.11E-3	-1.87E-4	-4.44E-4
	CC14	0.3027	-2.0846	-0.2395	-2.78E-3	-2.07E-4	-1.36E-5
	CC15	-0.2639	-2.3436	-0.2344	-3.13E-3	1.53E-4	-4.49E-4
	CC16	-0.2385	-2.1006	-0.2309	-2.79E-3	1.33E-4	-1.92E-5
102	CC1	0.8815	0.6344	-0.2669	8.89E-4	-5.53E-4	-1.55E-5
	CC2	0.9416	0.7323	-0.2727	1.03E-3	-5.87E-4	1.58E-4
	CC3	0.8560	-0.6906	-0.1896	-9.51E-4	-5.59E-4	-1.51E-4
	CC4	0.9162	-0.5927	-0.1954	-8.12E-4	-5.94E-4	2.20E-5
	CC5	-0.9278	0.5811	-0.2310	8.40E-4	5.84E-4	-3.41E-5
	CC6	-0.8677	0.6790	-0.2368	9.79E-4	5.50E-4	1.39E-4
	CC7	-0.9533	-0.7439	-0.1537	-9.99E-4	5.78E-4	-1.70E-4
	CC8	-0.8931	-0.6461	-0.1595	-8.61E-4	5.43E-4	3.37E-6
	CC9	0.2333	2.0891	-0.3401	2.92E-3	-1.22E-4	7.86E-6
	CC10	0.3827	2.3321	-0.3545	3.26E-3	-2.07E-4	4.38E-4
	CC11	-0.3095	2.0731	-0.3294	2.90E-3	2.19E-4	2.26E-6
	CC12	-0.1601	2.3161	-0.3437	3.25E-3	1.34E-4	4.33E-4
	CC13	0.1484	-2.3277	-0.0827	-3.22E-3	-1.44E-4	-4.45E-4
	CC14	0.2979	-2.0847	-0.0970	-2.87E-3	-2.29E-4	-1.44E-5
	CC15	-0.3944	-2.3437	-0.0719	-3.23E-3	1.97E-4	-4.50E-4
	CC16	-0.2449	-2.1007	-0.0862	-2.89E-3	1.12E-4	-2.00E-5
103	CC1	0.8929	0.6427	-0.2218	8.81E-4	-5.49E-4	-1.94E-5
	CC2	0.7914	0.6760	-0.2218	9.43E-4	-4.81E-4	1.54E-4
	CC3	0.9943	-0.6322	-0.2548	-9.08E-4	-6.37E-4	-1.55E-4
	CC4	0.8928	-0.5990	-0.2548	-8.46E-4	-5.69E-4	1.81E-5
	CC5	-0.8990	0.5956	-0.2593	9.06E-4	5.52E-4	-3.81E-4
	CC6	-1.0005	0.6288	-0.2594	9.68E-4	6.20E-4	1.35E-5
	CC7	-0.7976	-0.6794	-0.2924	-8.83E-4	4.64E-4	-1.74E-4
	CC8	-0.8991	-0.6462	-0.2924	-8.21E-4	5.32E-4	-5.91E-7
	CC9	0.2227	2.0890	-0.1964	2.93E-3	-1.12E-4	3.90E-6
	CC10	-0.0293	2.1715	-0.1965	3.08E-3	5.69E-5	4.34E-4
	CC11	-0.3149	2.0749	-0.2076	2.94E-3	2.18E-4	-1.70E-6
	CC12	-0.5669	2.1574	-0.2077	3.09E-3	3.87E-4	4.29E-4
	CC13	0.5607	-2.1608	-0.3065	-3.03E-3	-4.04E-4	-4.49E-4
	CC14	0.3087	-2.0783	-0.3065	-2.88E-3	-2.35E-4	-1.83E-5
	CC15	0.0231	-2.1750	-0.3177	-3.02E-3	-7.35E-5	-4.54E-4
	CC16	-0.2289	-2.0925	-0.3178	-2.87E-3	9.54E-5	-2.39E-5
104	CC1	0.8842	0.6427	-0.2178	8.41E-4	-5.56E-4	-1.60E-5
	CC2	0.8945	0.6759	-0.2169	9.00E-4	-5.64E-4	1.57E-4
	CC3	0.8990	-0.6322	-0.2389	-8.57E-4	-5.76E-4	-1.52E-4
	CC4	0.9093	-0.5990	-0.2381	-7.98E-4	-5.83E-4	2.15E-5
	CC5	-0.9197	0.5955	-0.1744	8.12E-4	5.68E-4	-3.47E-5
	CC6	-0.9095	0.6288	-0.1735	8.72E-4	5.61E-4	1.39E-4
	CC7	-0.9049	-0.6794	-0.1955	-8.85E-4	5.49E-4	-1.70E-4

	CC8	-0.8946	-0.6462	-0.1947	-8.26E-4	5.41E-4	2.82E-6
	CC9	0.2279	2.0890	-0.1785	2.77E-3	-1.35E-4	7.31E-6
	CC10	0.2534	2.1715	-0.1765	2.91E-3	-1.53E-4	4.38E-4
	CC11	-0.3132	2.0749	-0.1655	2.76E-3	2.03E-4	1.71E-6
	CC12	-0.2877	2.1574	-0.1635	2.91E-3	1.84E-4	4.32E-4
	CC13	0.2773	-2.1608	-0.2489	-2.89E-3	-1.99E-4	-4.45E-4
	CC14	0.3028	-2.0784	-0.2469	-2.74E-3	-2.18E-4	-1.49E-5
	CC15	-0.2639	-2.1750	-0.2359	-2.90E-3	1.38E-4	-4.51E-4
	CC16	-0.2384	-2.0925	-0.2339	-2.75E-3	1.20E-4	-2.05E-5
105	CC1	0.8815	0.6427	-0.2785	8.87E-4	-5.44E-4	-1.75E-5
	CC2	0.9417	0.6759	-0.2793	9.49E-4	-5.80E-4	1.56E-4
	CC3	0.8561	-0.6323	-0.2149	-8.71E-4	-5.51E-4	-1.53E-4
	CC4	0.9162	-0.5991	-0.2157	-8.09E-4	-5.87E-4	2.01E-5
	CC5	-0.9278	0.5955	-0.2174	8.52E-4	5.69E-4	-3.61E-5
	CC6	-0.8676	0.6287	-0.2182	9.14E-4	5.33E-4	1.37E-4
	CC7	-0.9532	-0.6795	-0.1539	-9.06E-4	5.62E-4	-1.72E-4
	CC8	-0.8931	-0.6463	-0.1546	-8.44E-4	5.26E-4	1.40E-6
	CC9	0.2333	2.0890	-0.3307	2.88E-3	-1.20E-4	5.89E-6
	CC10	0.3828	2.1715	-0.3326	3.03E-3	-2.09E-4	4.36E-4
	CC11	-0.3095	2.0748	-0.3124	2.87E-3	2.14E-4	2.92E-7
	CC12	-0.1600	2.1573	-0.3143	3.02E-3	1.25E-4	4.31E-4
	CC13	0.1485	-2.1609	-0.1189	-2.98E-3	-1.43E-4	-4.47E-4
	CC14	0.2979	-2.0784	-0.1207	-2.83E-3	-2.32E-4	-1.63E-5
	CC15	-0.3943	-2.1751	-0.1005	-2.99E-3	1.91E-4	-4.52E-4
	CC16	-0.2449	-2.0926	-0.1024	-2.84E-3	1.02E-4	-2.19E-5
106	CC1	0.8930	0.6515	-0.2765	8.41E-4	-5.81E-4	-2.06E-5
	CC2	0.7915	0.6219	-0.2780	8.22E-4	-5.14E-4	1.53E-4
	CC3	0.9944	-0.5747	-0.3095	-8.56E-4	-6.76E-4	-1.56E-4
	CC4	0.8929	-0.6044	-0.3110	-8.74E-4	-6.09E-4	1.69E-5
	CC5	-0.8989	0.6103	-0.2179	9.35E-4	5.59E-4	-3.93E-5
	CC6	-1.0004	0.5807	-0.2194	9.16E-4	6.26E-4	1.34E-4
	CC7	-0.7975	-0.6160	-0.2509	-7.62E-4	4.64E-4	-1.75E-4
	CC8	-0.8990	-0.6456	-0.2524	-7.81E-4	5.32E-4	-1.78E-6
	CC9	0.2228	2.0897	-0.2164	2.87E-3	-1.22E-4	2.71E-6
	CC10	-0.0292	2.0161	-0.2201	2.82E-3	4.60E-5	4.33E-4
	CC11	-0.3148	2.0774	-0.1988	2.90E-3	2.20E-4	-2.89E-6
	CC12	-0.5668	2.0037	-0.2025	2.85E-3	3.88E-4	4.27E-4
	CC13	0.5608	-1.9978	-0.3264	-2.79E-3	-4.38E-4	-4.50E-4
	CC14	0.3088	-2.0714	-0.3301	-2.84E-3	-2.70E-4	-1.95E-5
	CC15	0.0232	-2.0102	-0.3088	-2.76E-3	-9.58E-5	-4.55E-4
	CC16	-0.2288	-2.0838	-0.3125	-2.81E-3	7.22E-5	-2.51E-5
107	CC1	0.8842	0.6515	-0.2323	8.42E-4	-5.70E-4	-1.65E-5
	CC2	0.8949	0.6219	-0.2319	8.29E-4	-5.78E-4	1.57E-4
	CC3	0.8987	-0.5747	-0.2549	-7.91E-4	-5.86E-4	-1.52E-4
	CC4	0.9093	-0.6044	-0.2545	-8.04E-4	-5.94E-4	2.10E-5
	CC5	-0.9198	0.6103	-0.1750	8.19E-4	5.43E-4	-3.51E-5
	CC6	-0.9091	0.5806	-0.1747	8.06E-4	5.35E-4	1.38E-4
	CC7	-0.9053	-0.6160	-0.1976	-8.14E-4	5.26E-4	-1.71E-4
	CC8	-0.8946	-0.6456	-0.1973	-8.27E-4	5.18E-4	2.38E-6
	CC9	0.2280	2.0897	-0.1861	2.75E-3	-1.55E-4	6.87E-6
	CC10	0.2545	2.0161	-0.1852	2.72E-3	-1.75E-4	4.37E-4
	CC11	-0.3132	2.0774	-0.1689	2.74E-3	1.78E-4	1.27E-6
	CC12	-0.2867	2.0037	-0.1680	2.71E-3	1.58E-4	4.32E-4
	CC13	0.2763	-1.9978	-0.2615	-2.69E-3	-2.10E-4	-4.46E-4
	CC14	0.3028	-2.0715	-0.2606	-2.73E-3	-2.30E-4	-1.54E-5
	CC15	-0.2649	-2.0102	-0.2443	-2.70E-3	1.24E-4	-4.51E-4
	CC16	-0.2384	-2.0838	-0.2435	-2.73E-3	1.04E-4	-2.10E-5
108	CC1	0.8816	0.6514	-0.2935	8.48E-4	-5.33E-4	-1.81E-5
	CC2	0.9418	0.6234	-0.2906	8.37E-4	-5.69E-4	1.55E-4
	CC3	0.8561	-0.5762	-0.2528	-7.96E-4	-5.66E-4	-1.54E-4
	CC4	0.9163	-0.6042	-0.2500	-8.06E-4	-6.02E-4	1.94E-5
	CC5	-0.9277	0.6100	-0.2057	8.63E-4	5.40E-4	-3.68E-5
	CC6	-0.8675	0.5820	-0.2029	8.52E-4	5.04E-4	1.36E-4
	CC7	-0.9532	-0.6176	-0.1651	-7.81E-4	5.07E-4	-1.73E-4
	CC8	-0.8930	-0.6456	-0.1623	-7.92E-4	4.71E-4	7.03E-7
	CC9	0.2334	2.0898	-0.3123	2.78E-3	-9.28E-5	5.19E-6
	CC10	0.3828	2.0202	-0.3052	2.75E-3	-1.82E-4	4.35E-4
	CC11	-0.3094	2.0774	-0.2860	2.78E-3	2.29E-4	-4.05E-7
	CC12	-0.1600	2.0078	-0.2788	2.76E-3	1.40E-4	4.30E-4
	CC13	0.1486	-2.0021	-0.1769	-2.70E-3	-2.02E-4	-4.47E-4
	CC14	0.2980	-2.0716	-0.1697	-2.73E-3	-2.91E-4	-1.70E-5
	CC15	-0.3942	-2.0145	-0.1506	-2.70E-3	1.20E-4	-4.53E-4

	CC16	-0.2448	-2.0840	-0.1434	-2.72E-3	3.05E-5	-2.26E-5
109	CC1	0.8931	0.6595	-0.2932	6.34E-4	-5.54E-4	-1.20E-5
	CC2	0.7916	0.5669	-0.2967	5.24E-4	-4.87E-4	1.61E-4
	CC3	0.9945	-0.5181	-0.3315	-9.19E-4	-6.63E-4	-1.48E-4
	CC4	0.8930	-0.6106	-0.3350	-1.03E-3	-5.96E-4	2.55E-5
	CC5	-0.8989	0.6241	-0.2380	1.06E-3	5.35E-4	-3.07E-5
	CC6	-1.0003	0.5316	-0.2415	9.50E-4	6.03E-4	1.43E-4
	CC7	-0.7975	-0.5534	-0.2763	-4.93E-4	4.26E-4	-1.66E-4
	CC8	-0.8990	-0.6460	-0.2797	-6.03E-4	4.94E-4	6.85E-6
	CC9	0.2229	2.0896	-0.2266	2.68E-3	-9.61E-5	1.13E-5
	CC10	-0.0292	1.8598	-0.2353	2.40E-3	7.16E-5	4.42E-4
	CC11	-0.3147	2.0790	-0.2101	2.81E-3	2.31E-4	5.74E-6
	CC12	-0.5667	1.8492	-0.2187	2.53E-3	3.98E-4	4.36E-4
	CC13	0.5609	-1.8356	-0.3542	-2.50E-3	-4.59E-4	-4.41E-4
	CC14	0.3088	-2.0654	-0.3629	-2.77E-3	-2.91E-4	-1.09E-5
	CC15	0.0233	-1.8462	-0.3377	-2.37E-3	-1.32E-4	-4.47E-4
	CC16	-0.2287	-2.0760	-0.3463	-2.65E-3	3.53E-5	-1.65E-5
110	CC1	0.8843	0.6598	-0.2681	8.16E-4	-5.92E-4	-1.15E-5
	CC2	0.8946	0.5673	-0.2682	7.30E-4	-6.00E-4	1.62E-4
	CC3	0.8991	-0.5178	-0.2955	-7.63E-4	-6.15E-4	-1.47E-4
	CC4	0.9094	-0.6103	-0.2956	-8.49E-4	-6.23E-4	2.60E-5
	CC5	-0.9196	0.6245	-0.1887	8.39E-4	5.33E-4	-3.02E-5
	CC6	-0.9094	0.5320	-0.1889	7.53E-4	5.25E-4	1.43E-4
	CC7	-0.9048	-0.5531	-0.2161	-7.40E-4	5.10E-4	-1.66E-4
	CC8	-0.8945	-0.6456	-0.2162	-8.26E-4	5.02E-4	7.35E-6
	CC9	0.2281	2.0899	-0.2082	2.73E-3	-1.66E-4	1.18E-5
	CC10	0.2535	1.8601	-0.2086	2.52E-3	-1.86E-4	4.42E-4
	CC11	-0.3131	2.0793	-0.1844	2.74E-3	1.72E-4	6.25E-6
	CC12	-0.2876	1.8495	-0.1848	2.52E-3	1.51E-4	4.37E-4
	CC13	0.2774	-1.8353	-0.2995	-2.53E-3	-2.41E-4	-4.41E-4
	CC14	0.3029	-2.0651	-0.2999	-2.75E-3	-2.62E-4	-1.04E-5
	CC15	-0.2638	-1.8459	-0.2757	-2.53E-3	9.62E-5	-4.46E-4
	CC16	-0.2383	-2.0757	-0.2761	-2.74E-3	7.59E-5	-1.60E-5
111	CC1	0.8819	0.6601	-0.1808	4.84E-4	-6.24E-4	-1.33E-5
	CC2	0.9420	0.5675	-0.1739	4.14E-4	-6.65E-4	1.60E-4
	CC3	0.8564	-0.5175	-0.1852	-4.43E-4	-5.86E-4	-1.49E-4
	CC4	0.9166	-0.6100	-0.1783	-5.14E-4	-6.28E-4	2.42E-5
	CC5	-0.9274	0.6247	-0.3396	6.77E-4	5.58E-4	-3.20E-5
	CC6	-0.8673	0.5322	-0.3326	6.06E-4	5.16E-4	1.41E-4
	CC7	-0.9529	-0.5528	-0.3440	-2.51E-4	5.95E-4	-1.68E-4
	CC8	-0.8927	-0.6454	-0.3371	-3.21E-4	5.54E-4	5.55E-6
	CC9	0.2337	2.0902	-0.2363	1.69E-3	-2.23E-4	1.00E-5
	CC10	0.3831	1.8604	-0.2191	1.51E-3	-3.27E-4	4.40E-4
	CC11	-0.3091	2.0796	-0.2840	1.74E-3	1.31E-4	4.44E-6
	CC12	-0.1597	1.8498	-0.2668	1.57E-3	2.75E-5	4.35E-4
	CC13	0.1488	-1.8351	-0.2511	-1.41E-3	-9.74E-5	-4.42E-4
	CC14	0.2983	-2.0649	-0.2339	-1.58E-3	-2.01E-4	-1.22E-5
	CC15	-0.3940	-1.8456	-0.2987	-1.35E-3	2.57E-4	-4.48E-4
	CC16	-0.2445	-2.0755	-0.2815	-1.52E-3	1.54E-4	-1.78E-5
112	CC1	0.8759	0.6593	-0.2021	7.43E-4	-1.14E-3	-9.81E-6
	CC2	0.9954	0.5740	-0.1727	6.61E-4	-1.30E-3	1.63E-4
	CC3	0.8040	-0.5240	-0.0688	-6.85E-4	-1.01E-3	-1.46E-4
	CC4	0.9235	-0.6092	-0.0394	-7.66E-4	-1.18E-3	2.77E-5
	CC5	-0.9397	0.6233	-0.5502	8.33E-4	1.16E-3	-2.85E-5
	CC6	-0.8202	0.5380	-0.5208	7.51E-4	9.92E-4	1.45E-4
	CC7	-1.0117	-0.5600	-0.4169	-5.94E-4	1.29E-3	-1.64E-4
	CC8	-0.8922	-0.6452	-0.3876	-6.76E-4	1.12E-3	9.04E-6
	CC9	0.2357	2.0903	-0.5013	2.50E-3	-3.67E-4	1.35E-5
	CC10	0.5325	1.8787	-0.4282	2.30E-3	-7.74E-4	4.44E-4
	CC11	-0.3090	2.0795	-0.6057	2.53E-3	3.22E-4	7.93E-6
	CC12	-0.0122	1.8679	-0.5327	2.32E-3	-8.49E-5	4.38E-4
	CC13	-0.0041	-1.8538	-0.0570	-2.26E-3	6.58E-5	-4.39E-4
	CC14	0.2927	-2.0654	0.0160	-2.46E-3	-3.42E-4	-8.71E-6
	CC15	-0.5488	-1.8646	-0.1614	-2.23E-3	7.55E-4	-4.45E-4
	CC16	-0.2520	-2.0762	-0.0884	-2.43E-3	3.47E-4	-1.43E-5
113	CC1	0.8934	0.6616	-0.2984	6.48E-4	-6.34E-4	-9.37E-7
	CC2	0.7919	0.5044	-0.3053	5.22E-4	-5.65E-4	1.72E-4
	CC3	0.9948	-0.4659	-0.3564	-4.98E-4	-7.35E-4	-1.37E-4
	CC4	0.8933	-0.6231	-0.3632	-6.25E-4	-6.66E-4	3.66E-5
	CC5	-0.8985	0.6322	-0.2535	6.80E-4	6.28E-4	-1.96E-5
	CC6	-1.0000	0.4751	-0.2603	5.53E-4	6.97E-4	1.54E-4
	CC7	-0.7971	-0.4953	-0.3114	-4.67E-4	5.27E-4	-1.55E-4

	CC8	-0.8986	-0.6524	-0.3183	-5.94E-4	5.96E-4	1.79E-5
	CC9	0.2232	2.0833	-0.2100	2.09E-3	-1.25E-4	2.24E-5
	CC10	-0.0288	1.6930	-0.2270	1.78E-3	4.59E-5	4.53E-4
	CC11	-0.3144	2.0745	-0.1965	2.10E-3	2.53E-4	1.68E-5
	CC12	-0.5664	1.6842	-0.2135	1.79E-3	4.24E-4	4.47E-4
	CC13	0.5612	-1.6750	-0.4032	-1.73E-3	-4.62E-4	-4.30E-4
	CC14	0.3092	-2.0654	-0.4202	-2.05E-3	-2.91E-4	1.71E-7
	CC15	0.0236	-1.6838	-0.3897	-1.72E-3	-8.34E-5	-4.36E-4
	CC16	-0.2284	-2.0742	-0.4067	-2.04E-3	8.77E-5	-5.43E-6
114	CC1	0.8844	0.6616	-0.2799	2.85E-4	-6.15E-4	-4.75E-6
	CC2	0.8947	0.5044	-0.2836	2.05E-4	-6.26E-4	1.69E-4
	CC3	0.8993	-0.4659	-0.3200	-3.86E-4	-6.35E-4	-1.41E-4
	CC4	0.9095	-0.6231	-0.3237	-4.66E-4	-6.46E-4	3.28E-5
	CC5	-0.9195	0.6322	-0.2180	3.94E-4	6.09E-4	-2.34E-5
	CC6	-0.9092	0.4751	-0.2217	3.14E-4	5.98E-4	1.50E-4
	CC7	-0.9047	-0.4953	-0.2581	-2.77E-4	5.89E-4	-1.59E-4
	CC8	-0.8944	-0.6524	-0.2618	-3.57E-4	5.78E-4	1.41E-5
	CC9	0.2282	2.0833	-0.2087	1.16E-3	-1.55E-4	1.86E-5
	CC10	0.2537	1.6930	-0.2178	9.67E-4	-1.83E-4	4.49E-4
	CC11	-0.3130	2.0745	-0.1901	1.20E-3	2.12E-4	1.30E-5
	CC12	-0.2875	1.6842	-0.1993	1.00E-3	1.85E-4	4.43E-4
	CC13	0.2775	-1.6750	-0.3425	-1.07E-3	-2.22E-4	-4.34E-4
	CC14	0.3030	-2.0654	-0.3516	-1.27E-3	-2.49E-4	-3.64E-6
	CC15	-0.2636	-1.6838	-0.3239	-1.04E-3	1.46E-4	-4.40E-4
	CC16	-0.2381	-2.0742	-0.3330	-1.24E-3	1.18E-4	-9.24E-6
115	CC1	0.8822	0.6616	-0.2233	3.34E-4	-5.59E-4	-6.02E-6
	CC2	0.9424	0.5044	-0.2183	2.56E-4	-6.03E-4	1.67E-4
	CC3	0.8568	-0.4659	-0.2137	-2.81E-4	-5.50E-4	-1.42E-4
	CC4	0.9170	-0.6231	-0.2087	-3.58E-4	-5.95E-4	3.15E-5
	CC5	-0.9271	0.6323	-0.3318	4.07E-4	6.04E-4	-2.47E-5
	CC6	-0.8669	0.4751	-0.3268	3.29E-4	5.60E-4	1.49E-4
	CC7	-0.9525	-0.4952	-0.3222	-2.08E-4	6.13E-4	-1.60E-4
	CC8	-0.8923	-0.6524	-0.3172	-2.86E-4	5.68E-4	1.28E-5
	CC9	0.2340	2.0833	-0.2762	1.13E-3	-1.29E-4	1.73E-5
	CC10	0.3835	1.6930	-0.2638	9.41E-4	-2.40E-4	4.48E-4
	CC11	-0.3088	2.0745	-0.3087	1.16E-3	2.20E-4	1.17E-5
	CC12	-0.1593	1.6842	-0.2964	9.63E-4	1.09E-4	4.42E-4
	CC13	0.1492	-1.6750	-0.2441	-9.14E-4	-9.97E-5	-4.35E-4
	CC14	0.2986	-2.0653	-0.2317	-1.11E-3	-2.10E-4	-4.91E-6
	CC15	-0.3936	-1.6838	-0.2767	-8.93E-4	2.49E-4	-4.41E-4
	CC16	-0.2442	-2.0741	-0.2643	-1.09E-3	1.38E-4	-1.05E-5
116	CC1	0.8763	0.6616	-0.2920	6.02E-4	-6.17E-4	-6.56E-6
	CC2	0.9958	0.5044	-0.2722	4.82E-4	-6.96E-4	1.67E-4
	CC3	0.8044	-0.4659	-0.1739	-4.45E-4	-5.65E-4	-1.42E-4
	CC4	0.9239	-0.6231	-0.1541	-5.64E-4	-6.44E-4	3.09E-5
	CC5	-0.9394	0.6322	-0.4024	5.86E-4	6.89E-4	-2.52E-5
	CC6	-0.8198	0.4750	-0.3826	4.66E-4	6.10E-4	1.48E-4
	CC7	-1.0113	-0.4953	-0.2844	-4.61E-4	7.41E-4	-1.61E-4
	CC8	-0.8918	-0.6525	-0.2646	-5.80E-4	6.62E-4	1.23E-5
	CC9	0.2361	2.0833	-0.4831	1.91E-3	-1.61E-4	1.68E-5
	CC10	0.5329	1.6930	-0.4339	1.61E-3	-3.57E-4	4.47E-4
	CC11	-0.3086	2.0745	-0.5162	1.90E-3	2.31E-4	1.12E-5
	CC12	-0.0118	1.6842	-0.4671	1.60E-3	3.43E-5	4.41E-4
	CC13	-0.0037	-1.6751	-0.0895	-1.58E-3	1.08E-5	-4.36E-4
	CC14	0.2931	-2.0654	-0.0403	-1.88E-3	-1.86E-4	-5.46E-6
	CC15	-0.5484	-1.6839	-0.1226	-1.59E-3	4.03E-4	-4.41E-4
	CC16	-0.2516	-2.0742	-0.0735	-1.88E-3	2.06E-4	-1.11E-5
117	CC1	0.8937	0.6618	-0.3530	9.99E-4	-6.93E-4	-6.04E-6
	CC2	0.7923	0.4426	-0.3595	7.64E-4	-6.23E-4	1.67E-4
	CC3	0.9951	-0.4176	-0.4096	-5.04E-4	-8.02E-4	-1.42E-4
	CC4	0.8936	-0.6369	-0.4161	-7.38E-4	-7.31E-4	3.15E-5
	CC5	-0.8982	0.6381	-0.2156	7.82E-4	6.79E-4	-2.47E-5
	CC6	-0.9997	0.4189	-0.2221	5.48E-4	7.49E-4	1.49E-4
	CC7	-0.7968	-0.4414	-0.2722	-7.20E-4	5.71E-4	-1.60E-4
	CC8	-0.8983	-0.6606	-0.2787	-9.54E-4	6.41E-4	1.28E-5
	CC9	0.2235	2.0755	-0.2341	2.85E-3	-1.38E-4	1.73E-5
	CC10	-0.0285	1.5311	-0.2503	2.27E-3	3.58E-5	4.48E-4
	CC11	-0.3141	2.0684	-0.1929	2.78E-3	2.73E-4	1.17E-5
	CC12	-0.5661	1.5239	-0.2091	2.20E-3	4.47E-4	4.42E-4
	CC13	0.5615	-1.5227	-0.4226	-2.16E-3	-5.00E-4	-4.35E-4
	CC14	0.3095	-2.0671	-0.4388	-2.74E-3	-3.26E-4	-4.93E-6
	CC15	0.0239	-1.5298	-0.3814	-2.22E-3	-8.81E-5	-4.41E-4

	CC16	-0.2281	-2.0743	-0.3976	-2.81E-3	8.61E-5	-1.05E-5
118	CC1	0.8846	0.6619	-0.2990	7.73E-4	-6.91E-4	-7.40E-6
	CC2	0.8949	0.4419	-0.3072	5.47E-4	-7.05E-4	1.66E-4
	CC3	0.8994	-0.4169	-0.3363	-6.05E-4	-7.03E-4	-1.43E-4
	CC4	0.9097	-0.6369	-0.3445	-8.31E-4	-7.17E-4	3.01E-5
	CC5	-0.9193	0.6382	-0.2039	7.91E-4	6.78E-4	-2.61E-5
	CC6	-0.9091	0.4182	-0.2121	5.65E-4	6.64E-4	1.47E-4
	CC7	-0.9045	-0.4406	-0.2412	-5.87E-4	6.66E-4	-1.62E-4
	CC8	-0.8943	-0.6606	-0.2494	-8.13E-4	6.52E-4	1.14E-5
	CC9	0.2283	2.0755	-0.2162	2.56E-3	-1.88E-4	1.59E-5
	CC10	0.2538	1.5290	-0.2365	1.99E-3	-2.23E-4	4.46E-4
	CC11	-0.3129	2.0684	-0.1876	2.56E-3	2.23E-4	1.03E-5
	CC12	-0.2874	1.5219	-0.2079	2.00E-3	1.88E-4	4.41E-4
	CC13	0.2777	-1.5206	-0.3405	-2.04E-3	-2.27E-4	-4.37E-4
	CC14	0.3032	-2.0671	-0.3608	-2.60E-3	-2.62E-4	-6.30E-6
	CC15	-0.2635	-1.5277	-0.3120	-2.03E-3	1.84E-4	-4.42E-4
	CC16	-0.2380	-2.0742	-0.3323	-2.60E-3	1.49E-4	-1.19E-5
119	CC1	0.8825	0.6616	-0.3023	7.07E-4	-1.10E-3	-7.90E-6
	CC2	0.9427	0.4496	-0.3059	5.08E-4	-1.18E-3	1.65E-4
	CC3	0.8571	-0.4235	-0.3116	-5.11E-4	-1.06E-3	-1.44E-4
	CC4	0.9172	-0.6355	-0.3152	-7.10E-4	-1.14E-3	2.96E-5
	CC5	-0.9268	0.6372	-0.2168	7.69E-4	1.14E-3	-2.66E-5
	CC6	-0.8666	0.4252	-0.2204	5.69E-4	1.06E-3	1.47E-4
	CC7	-0.9522	-0.4479	-0.2261	-4.49E-4	1.18E-3	-1.62E-4
	CC8	-0.8920	-0.6599	-0.2297	-6.49E-4	1.10E-3	1.10E-5
	CC9	0.2343	2.0762	-0.2589	2.30E-3	-3.02E-4	1.54E-5
	CC10	0.3838	1.5499	-0.2678	1.80E-3	-4.99E-4	4.46E-4
	CC11	-0.3085	2.0689	-0.2332	2.32E-3	3.67E-4	9.85E-6
	CC12	-0.1590	1.5425	-0.2421	1.82E-3	1.70E-4	4.40E-4
	CC13	0.1495	-1.5408	-0.2899	-1.76E-3	-1.69E-4	-4.37E-4
	CC14	0.2989	-2.0671	-0.2987	-2.26E-3	-3.66E-4	-6.79E-6
	CC15	-0.3933	-1.5481	-0.2642	-1.74E-3	5.00E-4	-4.43E-4
	CC16	-0.2439	-2.0745	-0.2731	-2.24E-3	3.03E-4	-1.24E-5
120	CC1	0.8766	0.6623	-0.3861	4.81E-4	-7.60E-4	-7.70E-6
	CC2	0.9962	0.4430	-0.3661	3.11E-4	-8.60E-4	1.66E-4
	CC3	0.8047	-0.4171	-0.2647	-4.57E-4	-6.98E-4	-1.43E-4
	CC4	0.9242	-0.6364	-0.2447	-6.27E-4	-7.99E-4	2.98E-5
	CC5	-0.9390	0.6386	-0.2886	5.84E-4	8.34E-4	-2.64E-5
	CC6	-0.8195	0.4192	-0.2686	4.13E-4	7.34E-4	1.47E-4
	CC7	-1.0110	-0.4408	-0.1672	-3.54E-4	8.95E-4	-1.62E-4
	CC8	-0.8914	-0.6601	-0.1472	-5.24E-4	7.95E-4	1.12E-5
	CC9	0.2364	2.0759	-0.5085	1.74E-3	-1.99E-4	1.56E-5
	CC10	0.5333	1.5313	-0.4588	1.31E-3	-4.49E-4	4.46E-4
	CC11	-0.3083	2.0688	-0.4792	1.77E-3	2.79E-4	1.00E-5
	CC12	-0.0114	1.5242	-0.4295	1.35E-3	2.96E-5	4.40E-4
	CC13	-0.0033	-1.5220	-0.1038	-1.39E-3	5.60E-6	-4.37E-4
	CC14	0.2935	-2.0667	-0.0541	-1.81E-3	-2.44E-4	-6.59E-6
	CC15	-0.5480	-1.5292	-0.0745	-1.36E-3	4.84E-4	-4.42E-4
	CC16	-0.2512	-2.0738	-0.0248	-1.78E-3	2.34E-4	-1.22E-5
121	CC1	0.8826	0.6650	-0.3849	5.19E-4	-3.52E-4	-1.21E-5
	CC2	0.9428	0.3987	-0.3939	3.51E-4	-3.63E-4	1.61E-4
	CC3	0.8571	-0.3779	-0.3879	-2.79E-4	-2.88E-4	-1.48E-4
	CC4	0.9173	-0.6443	-0.3969	-4.47E-4	-2.99E-4	2.54E-5
	CC5	-0.9267	0.6453	-0.1419	5.21E-4	3.37E-4	-3.08E-5
	CC6	-0.8665	0.3790	-0.1509	3.53E-4	3.27E-4	1.43E-4
	CC7	-0.9522	-0.3976	-0.1450	-2.77E-4	4.01E-4	-1.67E-4
	CC8	-0.8920	-0.6640	-0.1540	-4.44E-4	3.90E-4	6.75E-6
	CC9	0.2344	2.0725	-0.2896	1.58E-3	-1.77E-4	1.12E-5
	CC10	0.3838	1.4110	-0.3120	1.16E-3	-2.04E-4	4.42E-4
	CC11	-0.3084	2.0666	-0.2167	1.58E-3	3.03E-5	5.64E-6
	CC12	-0.1590	1.4051	-0.2391	1.16E-3	3.00E-6	4.36E-4
	CC13	0.1496	-1.4041	-0.2998	-1.08E-3	3.51E-5	-4.41E-4
	CC14	0.2990	-2.0655	-0.3221	-1.50E-3	7.86E-6	-1.10E-5
	CC15	-0.3932	-1.4100	-0.2269	-1.08E-3	2.42E-4	-4.47E-4
	CC16	-0.2438	-2.0714	-0.2493	-1.50E-3	2.15E-4	-1.66E-5
122	CC1	0.8768	0.6649	-0.4610	4.54E-4	-4.29E-4	-1.11E-5
	CC2	0.9963	0.3986	-0.4432	2.75E-4	-4.61E-4	1.62E-4
	CC3	0.8049	-0.3780	-0.3338	-3.77E-4	-3.98E-4	-1.47E-4
	CC4	0.9244	-0.6444	-0.3160	-5.56E-4	-4.30E-4	2.64E-5
	CC5	-0.9389	0.6453	-0.2157	4.68E-4	4.55E-4	-2.98E-5
	CC6	-0.8194	0.3789	-0.1979	2.89E-4	4.23E-4	1.44E-4
	CC7	-1.0108	-0.3977	-0.0885	-3.63E-4	4.86E-4	-1.66E-4

	CC8	-0.8913	-0.6640	-0.0707	-5.42E-4	4.54E-4	7.76E-6
	CC9	0.2366	2.0724	-0.5367	1.56E-3	-1.32E-4	1.22E-5
	CC10	0.5334	1.4109	-0.4925	1.12E-3	-2.11E-4	4.43E-4
	CC11	-0.3081	2.0665	-0.4631	1.57E-3	1.33E-4	6.65E-6
	CC12	-0.0113	1.4050	-0.4190	1.12E-3	5.40E-5	4.37E-4
	CC13	-0.0032	-1.4041	-0.1127	-1.21E-3	-2.89E-5	-4.40E-4
	CC14	0.2936	-2.0656	-0.0686	-1.65E-3	-1.08E-4	-9.99E-6
	CC15	-0.5479	-1.4100	-0.0392	-1.20E-3	2.36E-4	-4.46E-4
	CC16	-0.2511	-2.0715	0.0050	-1.65E-3	1.57E-4	-1.56E-5
123	CC1	0.8939	0.6675	-0.4833	7.93E-4	-8.72E-4	-1.21E-5
	CC2	0.7924	0.3730	-0.4936	5.74E-4	-7.70E-4	1.61E-4
	CC3	0.9953	-0.3538	-0.5779	-2.18E-4	-1.04E-3	-1.48E-4
	CC4	0.8938	-0.6482	-0.5883	-4.37E-4	-9.37E-4	2.55E-5
	CC5	-0.8981	0.6501	-0.0569	5.58E-4	1.02E-3	-3.07E-5
	CC6	-0.9995	0.3557	-0.0673	3.38E-4	1.12E-3	1.43E-4
	CC7	-0.7967	-0.3711	-0.1516	-4.53E-4	8.50E-4	-1.66E-4
	CC8	-0.8981	-0.6656	-0.1619	-6.73E-4	9.52E-4	6.79E-6
	CC9	0.2237	2.0712	-0.2160	2.05E-3	-9.17E-5	1.13E-5
	CC10	-0.0284	1.3400	-0.2416	1.51E-3	1.62E-4	4.42E-4
	CC11	-0.3139	2.0660	-0.0881	1.98E-3	4.75E-4	5.69E-6
	CC12	-0.5659	1.3348	-0.1137	1.44E-3	7.28E-4	4.36E-4
	CC13	0.5617	-1.3329	-0.5315	-1.32E-3	-6.48E-4	-4.41E-4
	CC14	0.3096	-2.0641	-0.5571	-1.86E-3	-3.95E-4	-1.09E-5
	CC15	0.0241	-1.3381	-0.4036	-1.39E-3	-8.16E-5	-4.47E-4
	CC16	-0.2279	-2.0693	-0.4292	-1.93E-3	1.72E-4	-1.65E-5
124	CC1	0.8845	0.6672	-0.4155	3.33E-4	-9.28E-4	-1.12E-5
	CC2	0.8954	0.3728	-0.4331	1.90E-4	-9.42E-4	1.62E-4
	CC3	0.8989	-0.3540	-0.4622	-3.13E-4	-9.56E-4	-1.47E-4
	CC4	0.9098	-0.6484	-0.4798	-4.55E-4	-9.71E-4	2.63E-5
	CC5	-0.9195	0.6499	-0.0677	3.01E-4	1.06E-3	-2.99E-5
	CC6	-0.9086	0.3554	-0.0853	1.59E-4	1.04E-3	1.43E-4
	CC7	-0.9051	-0.3714	-0.1144	-3.44E-4	1.03E-3	-1.66E-4
	CC8	-0.8942	-0.6658	-0.1320	-4.86E-4	1.02E-3	7.63E-6
	CC9	0.2284	2.0710	-0.2264	1.18E-3	-1.89E-4	1.21E-5
	CC10	0.2554	1.3398	-0.2700	8.27E-4	-2.25E-4	4.42E-4
	CC11	-0.3128	2.0657	-0.1220	1.17E-3	4.07E-4	6.52E-6
	CC12	-0.2858	1.3346	-0.1657	8.17E-4	3.72E-4	4.37E-4
	CC13	0.2761	-1.3331	-0.3818	-9.71E-4	-2.83E-4	-4.40E-4
	CC14	0.3032	-2.0643	-0.4255	-1.32E-3	-3.18E-4	-1.01E-5
	CC15	-0.2651	-1.3383	-0.2775	-9.81E-4	3.13E-4	-4.46E-4
	CC16	-0.2380	-2.0695	-0.3211	-1.33E-3	2.78E-4	-1.57E-5
125	CC1	0.8826	0.6673	-0.4599	4.05E-4	-8.78E-4	-1.17E-5
	CC2	0.9428	0.3729	-0.4712	2.82E-4	-9.31E-4	1.62E-4
	CC3	0.8571	-0.3539	-0.4476	-1.74E-4	-8.08E-4	-1.47E-4
	CC4	0.9173	-0.6484	-0.4589	-2.97E-4	-8.61E-4	2.58E-5
	CC5	-0.9267	0.6499	-0.0712	3.11E-4	8.98E-4	-3.03E-5
	CC6	-0.8665	0.3555	-0.0825	1.88E-4	8.45E-4	1.43E-4
	CC7	-0.9521	-0.3713	-0.0589	-2.68E-4	9.69E-4	-1.66E-4
	CC8	-0.8920	-0.6657	-0.0702	-3.91E-4	9.16E-4	7.17E-6
	CC9	0.2344	2.0710	-0.3298	1.14E-3	-2.99E-4	1.17E-5
	CC10	0.3838	1.3398	-0.3578	8.34E-4	-4.31E-4	4.42E-4
	CC11	-0.3084	2.0658	-0.2132	1.11E-3	2.34E-4	6.06E-6
	CC12	-0.1590	1.3346	-0.2412	8.06E-4	1.02E-4	4.36E-4
	CC13	0.1496	-1.3331	-0.2889	-7.92E-4	-6.44E-5	-4.41E-4
	CC14	0.2990	-2.0643	-0.3168	-1.10E-3	-1.96E-4	-1.06E-5
	CC15	-0.3932	-1.3383	-0.1723	-8.20E-4	4.68E-4	-4.46E-4
	CC16	-0.2438	-2.0695	-0.2002	-1.12E-3	3.37E-4	-1.62E-5
126	CC1	0.8768	0.6672	-0.5426	5.75E-4	-8.91E-4	-1.35E-5
	CC2	0.9964	0.3728	-0.5338	3.55E-4	-1.01E-3	1.60E-4
	CC3	0.8049	-0.3540	-0.4097	-3.74E-4	-8.03E-4	-1.49E-4
	CC4	0.9244	-0.6484	-0.4009	-5.94E-4	-9.23E-4	2.40E-5
	CC5	-0.9388	0.6499	-0.1245	5.51E-4	9.50E-4	-3.22E-5
	CC6	-0.8193	0.3554	-0.1157	3.31E-4	8.30E-4	1.41E-4
	CC7	-1.0108	-0.3714	0.0084	-3.98E-4	1.04E-3	-1.68E-4
	CC8	-0.8913	-0.6658	0.0172	-6.18E-4	9.18E-4	5.34E-6
	CC9	0.2366	2.0710	-0.5578	1.84E-3	-2.59E-4	9.83E-6
	CC10	0.5334	1.3398	-0.5359	1.29E-3	-5.59E-4	4.40E-4
	CC11	-0.3081	2.0658	-0.4324	1.83E-3	2.93E-4	4.24E-6
	CC12	-0.0113	1.3346	-0.4105	1.28E-3	-6.70E-6	4.35E-4
	CC13	-0.0032	-1.3331	-0.1148	-1.33E-3	3.37E-5	-4.43E-4
	CC14	0.2937	-2.0643	-0.0930	-1.87E-3	-2.66E-4	-1.24E-5
	CC15	-0.5479	-1.3383	0.0106	-1.33E-3	5.86E-4	-4.48E-4

	CC16	-0.2510	-2.0695	0.0325	-1.88E-3	2.86E-4	-1.80E-5
127	CC1	1.1519	0.8838	0.0022	5.49E-4	-6.34E-4	3.20E-6
	CC2	1.0171	1.4650	0.0206	7.47E-4	-5.96E-4	2.36E-4
	CC3	1.2997	-1.3129	-0.1266	-3.94E-4	-6.15E-4	-1.93E-4
	CC4	1.1649	-0.7317	-0.1083	-1.96E-4	-5.77E-4	4.04E-5
	CC5	-1.1641	0.7224	-0.3898	3.17E-4	4.81E-4	-4.78E-5
	CC6	-1.2989	1.3036	-0.3715	5.15E-4	5.19E-4	1.85E-4
	CC7	-1.0163	-1.4743	-0.5186	-6.26E-4	5.00E-4	-2.44E-4
	CC8	-1.1511	-0.8931	-0.5003	-4.28E-4	5.38E-4	-1.06E-5
	CC9	0.2689	2.9590	0.0017	1.42E-3	-2.95E-4	4.10E-5
	CC10	-0.0658	4.4023	0.0472	1.91E-3	-2.01E-4	6.19E-4
	CC11	-0.4258	2.9105	-0.1159	1.35E-3	3.92E-5	2.57E-5
	CC12	-0.7606	4.3539	-0.0704	1.84E-3	1.33E-4	6.04E-4
	CC13	0.7615	-4.3633	-0.4277	-1.72E-3	-2.29E-4	-6.12E-4
	CC14	0.4267	-2.9199	-0.3822	-1.23E-3	-1.35E-4	-3.31E-5
	CC15	0.0667	-4.4117	-0.5453	-1.79E-3	1.05E-4	-6.27E-4
	CC16	-0.2681	-2.9683	-0.4998	-1.30E-3	1.99E-4	-4.84E-5
128	CC1	1.1533	0.8832	-0.0216	2.93E-4	-6.15E-4	2.59E-6
	CC2	1.1687	1.4644	-0.0116	4.82E-4	-6.27E-4	2.36E-4
	CC3	1.1748	-1.3135	-0.0418	-5.57E-4	-6.28E-4	-1.93E-4
	CC4	1.1902	-0.7323	-0.0318	-3.68E-4	-6.41E-4	3.98E-5
	CC5	-1.1940	0.7218	-0.3906	2.28E-4	5.22E-4	-4.84E-5
	CC6	-1.1786	1.3030	-0.3807	4.18E-4	5.09E-4	1.85E-4
	CC7	-1.1725	-1.4749	-0.4108	-6.22E-4	5.08E-4	-2.44E-4
	CC8	-1.1571	-0.8937	-0.4008	-4.33E-4	4.96E-4	-1.12E-5
	CC9	0.2951	2.9584	-0.1345	1.12E-3	-1.92E-4	4.04E-5
	CC10	0.3334	4.4017	-0.1099	1.59E-3	-2.23E-4	6.19E-4
	CC11	-0.4090	2.9100	-0.2453	1.10E-3	1.49E-4	2.51E-5
	CC12	-0.3707	4.3533	-0.2206	1.57E-3	1.18E-4	6.04E-4
	CC13	0.3669	-4.3638	-0.2018	-1.71E-3	-2.37E-4	-6.12E-4
	CC14	0.4052	-2.9205	-0.1772	-1.24E-3	-2.68E-4	-3.37E-5
	CC15	-0.3373	-4.4123	-0.3125	-1.73E-3	1.04E-4	-6.27E-4
	CC16	-0.2990	-2.9689	-0.2879	-1.26E-3	7.28E-5	-4.90E-5
129	CC1	1.1534	0.8832	-0.0918	4.51E-4	-5.56E-4	2.60E-6
	CC2	1.2359	1.4644	-0.1413	7.45E-4	-5.65E-4	2.36E-4
	CC3	1.1185	-1.3135	0.1447	-8.14E-4	-6.63E-4	-1.93E-4
	CC4	1.2010	-0.7323	0.0952	-5.21E-4	-6.71E-4	3.98E-5
	CC5	-1.2079	0.7218	-0.5101	5.17E-4	6.10E-4	-4.84E-5
	CC6	-1.1253	1.3030	-0.5596	8.11E-4	6.01E-4	1.85E-4
	CC7	-1.2428	-1.4749	-0.2735	-7.48E-4	5.03E-4	-2.44E-4
	CC8	-1.1603	-0.8937	-0.3230	-4.55E-4	4.94E-4	-1.12E-5
	CC9	0.3065	2.9584	-0.4775	1.73E-3	-1.72E-5	4.04E-5
	CC10	0.5114	4.4017	-0.6004	2.46E-3	-3.84E-5	6.19E-4
	CC11	-0.4019	2.9100	-0.6030	1.75E-3	3.33E-4	2.51E-5
	CC12	-0.1969	4.3533	-0.7259	2.48E-3	3.11E-4	6.04E-4
	CC13	0.1901	-4.3638	0.3110	-2.49E-3	-3.73E-4	-6.12E-4
	CC14	0.3950	-2.9205	0.1881	-1.76E-3	-3.94E-4	-3.37E-5
	CC15	-0.5183	-4.4123	0.1856	-2.47E-3	-2.33E-5	-6.27E-4
	CC16	-0.3134	-2.9689	0.0627	-1.74E-3	-4.45E-5	-4.90E-5
130	CC1	1.1514	0.8829	-0.1393	8.33E-4	-3.91E-4	3.05E-6
	CC2	1.0166	1.3629	-0.1296	1.13E-3	-3.69E-4	2.36E-4
	CC3	1.2992	-1.2288	-0.2030	-6.65E-4	-3.70E-4	-1.93E-4
	CC4	1.1644	-0.7488	-0.1933	-3.70E-4	-3.47E-4	4.02E-5
	CC5	-1.1646	0.7436	-0.2785	6.05E-4	4.09E-4	-4.79E-5
	CC6	-1.2994	1.2237	-0.2688	9.00E-4	4.32E-4	1.85E-4
	CC7	-1.0168	-1.3681	-0.3422	-8.93E-4	4.31E-4	-2.44E-4
	CC8	-1.1516	-0.8880	-0.3324	-5.98E-4	4.54E-4	-1.08E-5
	CC9	0.2684	2.9417	-0.1210	2.28E-3	-1.54E-4	4.08E-5
	CC10	-0.0663	4.1340	-0.0968	3.01E-3	-9.65E-5	6.19E-4
	CC11	-0.4263	2.9000	-0.1627	2.21E-3	8.67E-5	2.55E-5
	CC12	-0.7611	4.0922	-0.1386	2.95E-3	1.44E-4	6.04E-4
	CC13	0.7610	-4.0973	-0.3332	-2.71E-3	-8.13E-5	-6.12E-4
	CC14	0.4262	-2.9051	-0.3090	-1.98E-3	-2.43E-5	-3.33E-5
	CC15	0.0662	-4.1391	-0.3749	-2.78E-3	1.59E-4	-6.27E-4
	CC16	-0.2686	-2.9469	-0.3508	-2.05E-3	2.16E-4	-4.85E-5
131	CC1	1.1527	0.8818	-0.1286	5.42E-4	-3.46E-4	3.18E-6
	CC2	1.1681	1.3619	-0.1233	8.11E-4	-3.56E-4	2.36E-4
	CC3	1.1742	-1.2299	-0.1446	-8.12E-4	-3.54E-4	-1.93E-4
	CC4	1.1896	-0.7498	-0.1393	-5.42E-4	-3.64E-4	4.04E-5
	CC5	-1.1946	0.7426	-0.2518	3.80E-4	4.42E-4	-4.78E-5
	CC6	-1.1792	1.2226	-0.2465	6.49E-4	4.33E-4	1.85E-4
	CC7	-1.1731	-1.3692	-0.2679	-9.74E-4	4.35E-4	-2.44E-4

	CC8	-1.1577	-0.8891	-0.2626	-7.04E-4	4.25E-4	-1.06E-5
	CC9	0.2946	2.9407	-0.1569	1.86E-3	-5.36E-5	4.10E-5
	CC10	0.3329	4.1329	-0.1438	2.53E-3	-7.76E-5	6.19E-4
	CC11	-0.4096	2.8989	-0.1939	1.82E-3	1.83E-4	2.57E-5
	CC12	-0.3713	4.0912	-0.1808	2.48E-3	1.59E-4	6.04E-4
	CC13	0.3664	-4.0984	-0.2104	-2.65E-3	-8.00E-5	-6.12E-4
	CC14	0.4046	-2.9062	-0.1973	-1.98E-3	-1.04E-4	-3.31E-5
	CC15	-0.3378	-4.1402	-0.2474	-2.70E-3	1.57E-4	-6.27E-4
	CC16	-0.2995	-2.9479	-0.2342	-2.03E-3	1.32E-4	-4.84E-5
132	CC1	1.1531	0.8818	-0.1725	6.73E-4	-3.52E-4	3.27E-6
	CC2	1.2357	1.3618	-0.1976	9.73E-4	-3.49E-4	2.36E-4
	CC3	1.1180	-1.2300	-0.0476	-8.21E-4	-4.45E-4	-1.93E-4
	CC4	1.2007	-0.7499	-0.0727	-5.21E-4	-4.42E-4	4.04E-5
	CC5	-1.2082	0.7425	-0.3255	5.04E-4	4.81E-4	-4.77E-5
	CC6	-1.1256	1.2226	-0.3506	8.04E-4	4.84E-4	1.85E-4
	CC7	-1.2433	-1.3692	-0.2006	-9.90E-4	3.88E-4	-2.43E-4
	CC8	-1.1606	-0.8891	-0.2258	-6.90E-4	3.91E-4	-1.05E-5
	CC9	0.3062	2.9406	-0.3531	2.13E-3	4.54E-5	4.11E-5
	CC10	0.5115	4.1328	-0.4155	2.88E-3	5.32E-5	6.20E-4
	CC11	-0.4022	2.8988	-0.3990	2.08E-3	2.95E-4	2.58E-5
	CC12	-0.1969	4.0911	-0.4614	2.83E-3	3.03E-4	6.04E-4
	CC13	0.1894	-4.0985	0.0631	-2.85E-3	-2.64E-4	-6.12E-4
	CC14	0.3946	-2.9062	0.0007	-2.10E-3	-2.56E-4	-3.30E-5
	CC15	-0.5190	-4.1402	0.0172	-2.90E-3	-1.40E-5	-6.27E-4
	CC16	-0.3138	-2.9480	-0.0452	-2.15E-3	-6.24E-6	-4.83E-5
133	CC1	1.1514	0.8816	-0.1750	8.11E-4	-2.82E-4	4.32E-6
	CC2	1.0166	1.2771	-0.1654	1.06E-3	-2.48E-4	2.37E-4
	CC3	1.2992	-1.1591	-0.2353	-6.33E-4	-3.57E-4	-1.91E-4
	CC4	1.1643	-0.7636	-0.2256	-3.82E-4	-3.22E-4	4.15E-5
	CC5	-1.1646	0.7608	-0.2369	6.25E-4	3.14E-4	-4.67E-5
	CC6	-1.2994	1.1564	-0.2272	8.75E-4	3.49E-4	1.86E-4
	CC7	-1.0168	-1.2799	-0.2971	-8.19E-4	2.39E-4	-2.42E-4
	CC8	-1.1516	-0.8844	-0.2874	-5.69E-4	2.74E-4	-9.49E-6
	CC9	0.2684	2.9268	-0.1336	2.24E-3	-1.19E-5	4.21E-5
	CC10	-0.0664	3.9091	-0.1095	2.87E-3	7.40E-5	6.21E-4
	CC11	-0.4264	2.8906	-0.1521	2.19E-3	1.67E-4	2.68E-5
	CC12	-0.7612	3.8728	-0.1280	2.81E-3	2.53E-4	6.05E-4
	CC13	0.7609	-3.8756	-0.3344	-2.57E-3	-2.61E-4	-6.10E-4
	CC14	0.4261	-2.8933	-0.3104	-1.95E-3	-1.75E-4	-3.20E-5
	CC15	0.0661	-3.9119	-0.3530	-2.62E-3	-8.21E-5	-6.26E-4
	CC16	-0.2687	-2.9296	-0.3289	-2.00E-3	3.83E-6	-4.73E-5
134	CC1	1.1526	0.8805	-0.1589	5.27E-4	-2.95E-4	2.85E-6
	CC2	1.1681	1.2761	-0.1543	7.53E-4	-2.99E-4	2.36E-4
	CC3	1.1742	-1.1602	-0.1803	-7.66E-4	-3.28E-4	-1.93E-4
	CC4	1.1896	-0.7646	-0.1758	-5.40E-4	-3.31E-4	4.00E-5
	CC5	-1.1946	0.7598	-0.2071	3.80E-4	3.06E-4	-4.81E-5
	CC6	-1.1792	1.1553	-0.2026	6.06E-4	3.02E-4	1.85E-4
	CC7	-1.1731	-1.2809	-0.2286	-9.14E-4	2.73E-4	-2.44E-4
	CC8	-1.1577	-0.8854	-0.2240	-6.88E-4	2.69E-4	-1.10E-5
	CC9	0.2945	2.9258	-0.1541	1.82E-3	-4.35E-5	4.06E-5
	CC10	0.3328	3.9080	-0.1428	2.38E-3	-5.26E-5	6.19E-4
	CC11	-0.4097	2.8895	-0.1686	1.77E-3	1.37E-4	2.53E-5
	CC12	-0.3713	3.8718	-0.1573	2.33E-3	1.28E-4	6.04E-4
	CC13	0.3663	-3.8767	-0.2256	-2.49E-3	-1.53E-4	-6.12E-4
	CC14	0.4046	-2.8944	-0.2143	-1.93E-3	-1.62E-4	-3.35E-5
	CC15	-0.3379	-3.9129	-0.2401	-2.54E-3	2.71E-5	-6.27E-4
	CC16	-0.2996	-2.9306	-0.2288	-1.98E-3	1.80E-5	-4.87E-5
135	CC1	1.1530	0.8805	-0.2737	6.65E-4	-3.39E-4	2.88E-6
	CC2	1.2355	1.2760	-0.2944	9.15E-4	-3.63E-4	2.36E-4
	CC3	1.1181	-1.1602	-0.1572	-7.67E-4	-2.81E-4	-1.93E-4
	CC4	1.2006	-0.7647	-0.1780	-5.18E-4	-3.04E-4	4.01E-5
	CC5	-1.2083	0.7597	-0.2146	5.06E-4	3.04E-4	-4.81E-5
	CC6	-1.1257	1.1553	-0.2353	7.56E-4	2.80E-4	1.85E-4
	CC7	-1.2432	-1.2810	-0.0981	-9.27E-4	3.63E-4	-2.44E-4
	CC8	-1.1607	-0.8855	-0.1189	-6.77E-4	3.39E-4	-1.09E-5
	CC9	0.3061	2.9257	-0.3734	2.09E-3	-1.65E-4	4.07E-5
	CC10	0.5110	3.9080	-0.4250	2.72E-3	-2.24E-4	6.19E-4
	CC11	-0.4023	2.8895	-0.3557	2.05E-3	2.74E-5	2.54E-5
	CC12	-0.1973	3.8718	-0.4073	2.67E-3	-3.12E-5	6.04E-4
	CC13	0.1897	-3.8767	0.0147	-2.68E-3	3.07E-5	-6.12E-4
	CC14	0.3946	-2.8944	-0.0369	-2.06E-3	-2.79E-5	-3.34E-5
	CC15	-0.5187	-3.9130	0.0324	-2.73E-3	2.24E-4	-6.27E-4

	CC16	-0.3138	-2.9307	-0.0192	-2.11E-3	1.65E-4	-4.87E-5
136	CC1	1.1514	0.8803	-0.1784	5.13E-4	-2.60E-4	-7.06E-7
	CC2	1.0166	1.1913	-0.1663	6.36E-4	-2.32E-4	2.32E-4
	CC3	1.2992	-1.0894	-0.2588	-3.55E-4	-3.00E-4	-1.96E-4
	CC4	1.1644	-0.7784	-0.2467	-2.32E-4	-2.72E-4	3.65E-5
	CC5	-1.1645	0.7780	-0.2177	4.02E-4	2.68E-4	-5.17E-5
	CC6	-1.2994	1.0890	-0.2056	5.25E-4	2.96E-4	1.81E-4
	CC7	-1.0168	-1.1917	-0.2981	-4.66E-4	2.28E-4	-2.47E-4
	CC8	-1.1516	-0.8807	-0.2860	-3.43E-4	2.56E-4	-1.45E-5
	CC9	0.2685	2.9119	-0.1074	1.40E-3	-4.83E-5	3.71E-5
	CC10	-0.0663	3.6842	-0.0774	1.70E-3	1.94E-5	6.16E-4
	CC11	-0.4263	2.8812	-0.1192	1.36E-3	1.10E-4	2.18E-5
	CC12	-0.7611	3.6535	-0.0892	1.67E-3	1.78E-4	6.00E-4
	CC13	0.7610	-3.6539	-0.3752	-1.50E-3	-1.82E-4	-6.16E-4
	CC14	0.4262	-2.8816	-0.3452	-1.19E-3	-1.14E-4	-3.70E-5
	CC15	0.0662	-3.6846	-0.3870	-1.53E-3	-2.34E-5	-6.31E-4
	CC16	-0.2686	-2.9122	-0.3570	-1.23E-3	4.43E-5	-5.23E-5
137	CC1	1.1526	0.8798	-0.1971	2.50E-4	-2.69E-4	5.28E-7
	CC2	1.1680	1.1908	-0.1912	3.51E-4	-2.75E-4	2.33E-4
	CC3	1.1741	-1.0899	-0.2344	-4.27E-4	-2.77E-4	-1.95E-4
	CC4	1.1895	-0.7789	-0.2286	-3.25E-4	-2.84E-4	3.77E-5
	CC5	-1.1947	0.7776	-0.1687	1.83E-4	2.80E-4	-5.04E-5
	CC6	-1.1793	1.0886	-0.1628	2.84E-4	2.74E-4	1.82E-4
	CC7	-1.1732	-1.1922	-0.2060	-4.94E-4	2.72E-4	-2.46E-4
	CC8	-1.1577	-0.8812	-0.2001	-3.93E-4	2.65E-4	-1.33E-5
	CC9	0.2945	2.9114	-0.1480	9.41E-4	-6.19E-5	3.83E-5
	CC10	0.3328	3.6837	-0.1334	1.19E-3	-7.82E-5	6.17E-4
	CC11	-0.4097	2.8807	-0.1394	9.21E-4	1.03E-4	2.30E-5
	CC12	-0.3714	3.6531	-0.1249	1.17E-3	8.66E-5	6.02E-4
	CC13	0.3662	-3.6544	-0.2723	-1.31E-3	-9.01E-5	-6.14E-4
	CC14	0.4045	-2.8820	-0.2578	-1.06E-3	-1.06E-4	-3.58E-5
	CC15	-0.3379	-3.6851	-0.2638	-1.34E-3	7.46E-5	-6.30E-4
	CC16	-0.2996	-2.9127	-0.2493	-1.08E-3	5.84E-5	-5.11E-5
138	CC1	1.1530	0.8798	-0.2743	4.89E-4	-2.76E-4	-8.79E-8
	CC2	1.2355	1.1908	-0.2976	6.45E-4	-2.90E-4	2.33E-4
	CC3	1.1181	-1.0899	-0.1223	-5.60E-4	-2.80E-4	-1.96E-4
	CC4	1.2006	-0.7789	-0.1456	-4.04E-4	-2.94E-4	3.71E-5
	CC5	-1.2083	0.7776	-0.2446	4.08E-4	2.92E-4	-5.11E-5
	CC6	-1.1257	1.0886	-0.2679	5.64E-4	2.78E-4	1.82E-4
	CC7	-1.2432	-1.1922	-0.0926	-6.41E-4	2.87E-4	-2.47E-4
	CC8	-1.1607	-0.8812	-0.1159	-4.85E-4	2.73E-4	-1.39E-5
	CC9	0.3061	2.9114	-0.4239	1.57E-3	-6.16E-5	3.77E-5
	CC10	0.5110	3.6837	-0.4818	1.96E-3	-9.68E-5	6.16E-4
	CC11	-0.4023	2.8807	-0.4150	1.55E-3	1.09E-4	2.24E-5
	CC12	-0.1973	3.6531	-0.4729	1.93E-3	7.35E-5	6.01E-4
	CC13	0.1897	-3.6544	0.0828	-1.93E-3	-7.60E-5	-6.15E-4
	CC14	0.3946	-2.8820	0.0248	-1.54E-3	-1.11E-4	-3.64E-5
	CC15	-0.5187	-3.6851	0.0917	-1.95E-3	9.43E-5	-6.30E-4
	CC16	-0.3138	-2.9127	0.0337	-1.57E-3	5.91E-5	-5.17E-5
139	CC1	1.1515	0.8830	-0.1947	7.85E-4	-2.67E-4	-5.88E-6
	CC2	1.0167	1.1095	-0.1877	9.32E-4	-2.47E-4	2.27E-4
	CC3	1.2993	-1.0157	-0.2493	-5.65E-4	-2.54E-4	-2.02E-4
	CC4	1.1645	-0.7892	-0.2423	-4.18E-4	-2.33E-4	3.13E-5
	CC5	-1.1644	0.7993	-0.2183	6.81E-4	2.30E-4	-5.69E-5
	CC6	-1.2992	1.0257	-0.2113	8.28E-4	2.51E-4	1.76E-4
	CC7	-1.0167	-1.0995	-0.2729	-6.69E-4	2.44E-4	-2.53E-4
	CC8	-1.1515	-0.8730	-0.2659	-5.22E-4	2.64E-4	-1.97E-5
	CC9	0.2686	2.9009	-0.1444	2.21E-3	-1.24E-4	3.19E-5
	CC10	-0.0662	3.4634	-0.1271	2.58E-3	-7.28E-5	6.10E-4
	CC11	-0.4262	2.8758	-0.1515	2.18E-3	2.53E-5	1.66E-5
	CC12	-0.7610	3.4382	-0.1342	2.55E-3	7.64E-5	5.95E-4
	CC13	0.7611	-3.4282	-0.3264	-2.29E-3	-7.96E-5	-6.21E-4
	CC14	0.4263	-2.8658	-0.3091	-1.92E-3	-2.84E-5	-4.22E-5
	CC15	0.0663	-3.4533	-0.3335	-2.32E-3	6.97E-5	-6.36E-4
	CC16	-0.2685	-2.8909	-0.3162	-1.95E-3	1.21E-4	-5.75E-5
140	CC1	1.1526	0.8820	-0.1918	5.02E-4	-2.59E-4	-1.54E-6
	CC2	1.1680	1.1085	-0.1890	6.35E-4	-2.69E-4	2.31E-4
	CC3	1.1741	-1.0167	-0.2142	-6.98E-4	-2.45E-4	-1.97E-4
	CC4	1.1895	-0.7903	-0.2114	-5.65E-4	-2.55E-4	3.56E-5
	CC5	-1.1947	0.7982	-0.1704	4.17E-4	2.71E-4	-5.25E-5
	CC6	-1.1793	1.0247	-0.1676	5.50E-4	2.61E-4	1.80E-4
	CC7	-1.1732	-1.1005	-0.1928	-7.83E-4	2.85E-4	-2.48E-4

	CC8	-1.1578	-0.8740	-0.1900	-6.50E-4	2.75E-4	-1.53E-5
	CC9	0.2945	2.8999	-0.1602	1.77E-3	-8.30E-5	3.62E-5
	CC10	0.3328	3.4623	-0.1533	2.10E-3	-1.08E-4	6.15E-4
	CC11	-0.4097	2.8748	-0.1538	1.75E-3	7.59E-5	2.09E-5
	CC12	-0.3714	3.4372	-0.1469	2.08E-3	5.12E-5	5.99E-4
	CC13	0.3662	-3.4292	-0.2349	-2.23E-3	-3.53E-5	-6.16E-4
	CC14	0.4045	-2.8668	-0.2280	-1.90E-3	-6.00E-5	-3.78E-5
	CC15	-0.3380	-3.4544	-0.2285	-2.25E-3	1.24E-4	-6.32E-4
	CC16	-0.2997	-2.8919	-0.2216	-1.92E-3	9.89E-5	-5.31E-5
141	CC1	1.1531	0.8820	-0.2551	6.39E-4	-2.30E-4	-3.04E-6
	CC2	1.2356	1.1084	-0.2685	7.87E-4	-2.33E-4	2.30E-4
	CC3	1.1181	-1.0168	-0.1506	-6.92E-4	-3.06E-4	-1.99E-4
	CC4	1.2007	-0.7903	-0.1640	-5.43E-4	-3.09E-4	3.41E-5
	CC5	-1.2082	0.7982	-0.2280	5.47E-4	3.01E-4	-5.40E-5
	CC6	-1.1257	1.0247	-0.2413	6.95E-4	2.98E-4	1.79E-4
	CC7	-1.2431	-1.1006	-0.1235	-7.83E-4	2.25E-4	-2.50E-4
	CC8	-1.1606	-0.8741	-0.1368	-6.35E-4	2.22E-4	-1.68E-5
	CC9	0.3062	2.8999	-0.3577	2.05E-3	4.66E-5	3.47E-5
	CC10	0.5111	3.4623	-0.3908	2.42E-3	3.87E-5	6.13E-4
	CC11	-0.4022	2.8747	-0.3496	2.02E-3	2.06E-4	1.95E-5
	CC12	-0.1973	3.4372	-0.3827	2.39E-3	1.98E-4	5.98E-4
	CC13	0.1897	-3.4293	-0.0093	-2.39E-3	-2.06E-4	-6.18E-4
	CC14	0.3947	-2.8669	-0.0424	-2.02E-3	-2.14E-4	-3.93E-5
	CC15	-0.5186	-3.4544	-0.0012	-2.41E-3	-4.71E-5	-6.33E-4
	CC16	-0.3137	-2.8920	-0.0343	-2.04E-3	-5.50E-5	-5.46E-5
142	CC1	1.1517	0.8868	-0.2042	8.19E-4	-2.37E-4	-6.49E-6
	CC2	1.0169	1.0264	-0.2015	9.22E-4	-2.13E-4	2.26E-4
	CC3	1.2995	-0.9390	-0.2430	-5.53E-4	-2.65E-4	-2.02E-4
	CC4	1.1647	-0.7994	-0.2403	-4.49E-4	-2.40E-4	3.07E-5
	CC5	-1.1643	0.8214	-0.2191	7.45E-4	2.34E-4	-5.75E-5
	CC6	-1.2991	0.9610	-0.2164	8.49E-4	2.58E-4	1.75E-4
	CC7	-1.0165	-1.0044	-0.2579	-6.26E-4	2.06E-4	-2.53E-4
	CC8	-1.1513	-0.8648	-0.2552	-5.23E-4	2.31E-4	-2.03E-5
	CC9	0.2687	2.8904	-0.1661	2.32E-3	-5.86E-5	3.13E-5
	CC10	-0.0661	3.2371	-0.1594	2.57E-3	2.68E-6	6.10E-4
	CC11	-0.4261	2.8708	-0.1706	2.29E-3	8.28E-5	1.60E-5
	CC12	-0.7609	3.2174	-0.1639	2.55E-3	1.44E-4	5.95E-4
	CC13	0.7612	-3.1954	-0.2955	-2.25E-3	-1.51E-4	-6.21E-4
	CC14	0.4264	-2.8488	-0.2888	-2.00E-3	-8.93E-5	-4.28E-5
	CC15	0.0664	-3.2151	-0.2999	-2.28E-3	-9.23E-6	-6.37E-4
	CC16	-0.2683	-2.8684	-0.2933	-2.02E-3	5.20E-5	-5.81E-5
143	CC1	1.1527	0.8857	-0.1939	5.14E-4	-2.49E-4	-2.55E-6
	CC2	1.1681	1.0253	-0.1925	6.05E-4	-2.55E-4	2.30E-4
	CC3	1.1742	-0.9401	-0.2136	-6.84E-4	-2.58E-4	-1.98E-4
	CC4	1.1896	-0.8005	-0.2121	-5.94E-4	-2.65E-4	3.46E-5
	CC5	-1.1946	0.8203	-0.1645	4.60E-4	2.63E-4	-5.35E-5
	CC6	-1.1792	0.9599	-0.1630	5.50E-4	2.56E-4	1.79E-4
	CC7	-1.1731	-1.0054	-0.1841	-7.39E-4	2.53E-4	-2.49E-4
	CC8	-1.1577	-0.8659	-0.1827	-6.48E-4	2.47E-4	-1.64E-5
	CC9	0.2945	2.8894	-0.1618	1.83E-3	-5.40E-5	3.52E-5
	CC10	0.3328	3.2360	-0.1582	2.05E-3	-7.04E-5	6.14E-4
	CC11	-0.4096	2.8697	-0.1530	1.81E-3	9.94E-5	1.99E-5
	CC12	-0.3713	3.2164	-0.1493	2.04E-3	8.30E-5	5.98E-4
	CC13	0.3663	-3.1965	-0.2273	-2.17E-3	-8.53E-5	-6.17E-4
	CC14	0.4046	-2.8499	-0.2236	-1.94E-3	-1.02E-4	-3.88E-5
	CC15	-0.3379	-3.2161	-0.2184	-2.19E-3	6.81E-5	-6.33E-4
	CC16	-0.2996	-2.8695	-0.2148	-1.96E-3	5.17E-5	-5.41E-5
144	CC1	1.1532	0.8856	-0.2510	6.40E-4	-2.39E-4	-4.24E-6
	CC2	1.2357	1.0252	-0.2569	7.39E-4	-2.49E-4	2.29E-4
	CC3	1.1183	-0.9401	-0.1731	-6.60E-4	-2.64E-4	-2.00E-4
	CC4	1.2008	-0.8006	-0.1789	-5.61E-4	-2.75E-4	3.29E-5
	CC5	-1.2081	0.8203	-0.2146	5.82E-4	2.65E-4	-5.52E-5
	CC6	-1.1256	0.9598	-0.2205	6.81E-4	2.54E-4	1.78E-4
	CC7	-1.2430	-1.0055	-0.1367	-7.19E-4	2.40E-4	-2.51E-4
	CC8	-1.1605	-0.8659	-0.1426	-6.20E-4	2.29E-4	-1.80E-5
	CC9	0.3063	2.8893	-0.3249	2.06E-3	-2.53E-5	3.35E-5
	CC10	0.5112	3.2359	-0.3394	2.31E-3	-5.19E-5	6.12E-4
	CC11	-0.4021	2.8697	-0.3140	2.05E-3	1.26E-4	1.83E-5
	CC12	-0.1972	3.2163	-0.3285	2.29E-3	9.93E-5	5.97E-4
	CC13	0.1898	-3.1966	-0.0650	-2.27E-3	-1.09E-4	-6.19E-4
	CC14	0.3948	-2.8500	-0.0796	-2.02E-3	-1.35E-4	-4.05E-5
	CC15	-0.5185	-3.2162	-0.0541	-2.29E-3	4.24E-5	-6.34E-4

	CC16	-0.3136	-2.8696	-0.0687	-2.04E-3	1.58E-5	-5.58E-5
145	CC1	1.1519	0.8911	-0.1951	8.35E-4	-2.42E-4	-7.10E-6
	CC2	1.0171	0.9438	-0.1951	8.88E-4	-2.15E-4	2.26E-4
	CC3	1.2997	-0.8617	-0.2283	-5.00E-4	-2.83E-4	-2.03E-4
	CC4	1.1649	-0.8090	-0.2284	-4.46E-4	-2.57E-4	3.01E-5
	CC5	-1.1640	0.8439	-0.2328	7.62E-4	2.42E-4	-5.81E-5
	CC6	-1.2989	0.8965	-0.2328	8.16E-4	2.69E-4	1.75E-4
	CC7	-1.0163	-0.9089	-0.2660	-5.72E-4	2.01E-4	-2.54E-4
	CC8	-1.1511	-0.8563	-0.2660	-5.19E-4	2.28E-4	-2.09E-5
	CC9	0.2690	2.8804	-0.1695	2.33E-3	-4.44E-5	3.07E-5
	CC10	-0.0658	3.0112	-0.1695	2.46E-3	2.20E-5	6.09E-4
	CC11	-0.4258	2.8663	-0.1808	2.31E-3	1.01E-4	1.54E-5
	CC12	-0.7606	2.9971	-0.1808	2.44E-3	1.67E-4	5.94E-4
	CC13	0.7615	-2.9622	-0.2803	-2.12E-3	-1.82E-4	-6.22E-4
	CC14	0.4267	-2.8314	-0.2804	-1.99E-3	-1.15E-4	-4.34E-5
	CC15	0.0667	-2.9764	-0.2916	-2.14E-3	-3.61E-5	-6.37E-4
	CC16	-0.2681	-2.8456	-0.2917	-2.01E-3	3.02E-5	-5.87E-5
146	CC1	1.1528	0.8901	-0.2003	5.08E-4	-2.50E-4	-2.74E-6
	CC2	1.1682	0.9427	-0.1995	5.51E-4	-2.56E-4	2.30E-4
	CC3	1.1743	-0.8627	-0.2221	-6.34E-4	-2.65E-4	-1.99E-4
	CC4	1.1897	-0.8101	-0.2213	-5.91E-4	-2.71E-4	3.44E-5
	CC5	-1.1945	0.8428	-0.1562	4.72E-4	2.61E-4	-5.37E-5
	CC6	-1.1791	0.8955	-0.1553	5.15E-4	2.55E-4	1.79E-4
	CC7	-1.1730	-0.9100	-0.1780	-6.70E-4	2.46E-4	-2.49E-4
	CC8	-1.1576	-0.8573	-0.1771	-6.27E-4	2.40E-4	-1.66E-5
	CC9	0.2947	2.8794	-0.1600	1.80E-3	-4.86E-5	3.50E-5
	CC10	0.3330	3.0102	-0.1580	1.90E-3	-6.46E-5	6.14E-4
	CC11	-0.4095	2.8652	-0.1468	1.79E-3	1.05E-4	1.97E-5
	CC12	-0.3712	2.9960	-0.1447	1.89E-3	8.87E-5	5.98E-4
	CC13	0.3664	-2.9633	-0.2327	-2.01E-3	-9.85E-5	-6.18E-4
	CC14	0.4047	-2.8325	-0.2307	-1.90E-3	-1.15E-4	-3.90E-5
	CC15	-0.3378	-2.9774	-0.2195	-2.02E-3	5.48E-5	-6.33E-4
	CC16	-0.2995	-2.8466	-0.2174	-1.92E-3	3.87E-5	-5.43E-5
147	CC1	1.1534	0.8900	-0.2620	6.31E-4	-2.37E-4	-4.89E-6
	CC2	1.2359	0.9427	-0.2628	6.78E-4	-2.50E-4	2.28E-4
	CC3	1.1184	-0.8628	-0.1980	-6.05E-4	-2.64E-4	-2.01E-4
	CC4	1.2010	-0.8101	-0.1988	-5.59E-4	-2.77E-4	3.23E-5
	CC5	-1.2079	0.8427	-0.2004	5.96E-4	2.60E-4	-5.59E-5
	CC6	-1.1254	0.8954	-0.2012	6.43E-4	2.46E-4	1.77E-4
	CC7	-1.2428	-0.9101	-0.1363	-6.41E-4	2.33E-4	-2.52E-4
	CC8	-1.1603	-0.8574	-0.1371	-5.94E-4	2.19E-4	-1.87E-5
	CC9	0.3065	2.8793	-0.3146	2.03E-3	-2.13E-5	3.29E-5
	CC10	0.5114	3.0101	-0.3166	2.14E-3	-5.55E-5	6.11E-4
	CC11	-0.4019	2.8651	-0.2961	2.02E-3	1.28E-4	1.76E-5
	CC12	-0.1970	2.9959	-0.2981	2.13E-3	9.35E-5	5.96E-4
	CC13	0.1900	-2.9633	-0.1011	-2.10E-3	-1.11E-4	-6.20E-4
	CC14	0.3950	-2.8325	-0.1031	-1.98E-3	-1.45E-4	-4.12E-5
	CC15	-0.5183	-2.9775	-0.0826	-2.11E-3	3.78E-5	-6.35E-4
	CC16	-0.3134	-2.8467	-0.0846	-1.99E-3	3.63E-6	-5.65E-5
148	CC1	1.1522	0.8952	-0.2500	9.84E-4	-1.99E-4	-6.84E-6
	CC2	1.0174	0.8634	-0.2514	1.00E-3	-1.71E-4	2.26E-4
	CC3	1.2999	-0.7866	-0.2831	-3.40E-4	-2.48E-4	-2.03E-4
	CC4	1.1651	-0.8185	-0.2846	-3.24E-4	-2.20E-4	3.03E-5
	CC5	-1.1638	0.8655	-0.1882	6.68E-4	1.70E-4	-5.78E-5
	CC6	-1.2986	0.8337	-0.1897	6.84E-4	1.98E-4	1.75E-4
	CC7	-1.0160	-0.8163	-0.2214	-6.57E-4	1.21E-4	-2.54E-4
	CC8	-1.1509	-0.8481	-0.2229	-6.41E-4	1.50E-4	-2.06E-5
	CC9	0.2692	2.8706	-0.1885	2.41E-3	-3.37E-5	3.09E-5
	CC10	-0.0656	2.7915	-0.1922	2.45E-3	3.63E-5	6.09E-4
	CC11	-0.4256	2.8617	-0.1700	2.31E-3	7.72E-5	1.57E-5
	CC12	-0.7604	2.7826	-0.1737	2.35E-3	1.47E-4	5.94E-4
	CC13	0.7617	-2.7355	-0.2991	-2.01E-3	-1.97E-4	-6.22E-4
	CC14	0.4269	-2.8146	-0.3028	-1.97E-3	-1.27E-4	-4.31E-5
	CC15	0.0669	-2.7444	-0.2806	-2.10E-3	-8.60E-5	-6.37E-4
	CC16	-0.2679	-2.8235	-0.2843	-2.06E-3	-1.60E-5	-5.84E-5
149	CC1	1.1528	0.8941	-0.2142	4.37E-4	-2.69E-4	-1.20E-6
	CC2	1.1688	0.8622	-0.2138	4.36E-4	-2.73E-4	2.32E-4
	CC3	1.1739	-0.7877	-0.2373	-5.98E-4	-2.80E-4	-1.97E-4
	CC4	1.1899	-0.8196	-0.2369	-5.99E-4	-2.84E-4	3.60E-5
	CC5	-1.1946	0.8644	-0.1554	4.92E-4	2.05E-4	-5.22E-5
	CC6	-1.1786	0.8325	-0.1550	4.92E-4	2.02E-4	1.81E-4
	CC7	-1.1735	-0.8174	-0.1785	-5.43E-4	1.94E-4	-2.48E-4

	CC8	-1.1575	-0.8493	-0.1781	-5.43E-4	1.91E-4	-1.50E-5
	CC9	0.2948	2.8694	-0.1669	1.66E-3	-8.79E-5	3.66E-5
	CC10	0.3345	2.7903	-0.1659	1.66E-3	-9.72E-5	6.15E-4
	CC11	-0.4094	2.8605	-0.1492	1.68E-3	5.44E-5	2.13E-5
	CC12	-0.3697	2.7814	-0.1482	1.68E-3	4.52E-5	6.00E-4
	CC13	0.3650	-2.7366	-0.2441	-1.79E-3	-1.24E-4	-6.16E-4
	CC14	0.4047	-2.8157	-0.2431	-1.79E-3	-1.33E-4	-3.75E-5
	CC15	-0.3392	-2.7455	-0.2264	-1.77E-3	1.86E-5	-6.31E-4
	CC16	-0.2995	-2.8247	-0.2254	-1.77E-3	9.34E-6	-5.28E-5
150	CC1	1.1536	0.8940	-0.2761	5.47E-4	-2.17E-4	-2.54E-6
	CC2	1.2361	0.8644	-0.2732	5.46E-4	-2.27E-4	2.30E-4
	CC3	1.1186	-0.7897	-0.2352	-5.68E-4	-2.71E-4	-1.98E-4
	CC4	1.2012	-0.8193	-0.2322	-5.70E-4	-2.81E-4	3.46E-5
	CC5	-1.2077	0.8639	-0.1867	6.27E-4	1.88E-4	-5.35E-5
	CC6	-1.1252	0.8343	-0.1838	6.25E-4	1.78E-4	1.79E-4
	CC7	-1.2426	-0.8198	-0.1458	-4.89E-4	1.34E-4	-2.49E-4
	CC8	-1.1601	-0.8494	-0.1429	-4.90E-4	1.24E-4	-1.63E-5
	CC9	0.3067	2.8698	-0.2948	1.88E-3	-4.74E-6	3.52E-5
	CC10	0.5116	2.7962	-0.2875	1.87E-3	-3.02E-5	6.14E-4
	CC11	-0.4017	2.8607	-0.2680	1.90E-3	1.17E-4	2.00E-5
	CC12	-0.1968	2.7871	-0.2607	1.90E-3	9.14E-5	5.98E-4
	CC13	0.1902	-2.7425	-0.1583	-1.84E-3	-1.84E-4	-6.17E-4
	CC14	0.3952	-2.8161	-0.1510	-1.84E-3	-2.10E-4	-3.88E-5
	CC15	-0.5181	-2.7516	-0.1315	-1.82E-3	-6.28E-5	-6.33E-4
	CC16	-0.3132	-2.8252	-0.1242	-1.82E-3	-8.82E-5	-5.41E-5
151	CC1	1.1523	0.8969	-0.2663	1.98E-3	-6.38E-4	1.14E-5
	CC2	1.0175	0.7805	-0.2698	2.03E-3	-6.18E-4	2.44E-4
	CC3	1.3000	-0.7139	-0.3049	4.71E-4	-7.21E-4	-1.84E-4
	CC4	1.1652	-0.8303	-0.3084	5.29E-4	-7.01E-4	4.86E-5
	CC5	-1.1637	0.8846	-0.2057	-9.51E-5	5.59E-4	-3.96E-5
	CC6	-1.2985	0.7682	-0.2092	-3.68E-5	5.79E-4	1.93E-4
	CC7	-1.0160	-0.7262	-0.2443	-1.60E-3	4.75E-4	-2.35E-4
	CC8	-1.1508	-0.8426	-0.2478	-1.54E-3	4.95E-4	-2.41E-6
	CC9	0.2693	2.8583	-0.1975	2.96E-3	-1.37E-4	4.92E-5
	CC10	-0.0655	2.5692	-0.2062	3.11E-3	-8.68E-5	6.28E-4
	CC11	-0.4255	2.8546	-0.1794	2.34E-3	2.22E-4	3.39E-5
	CC12	-0.7603	2.5655	-0.1880	2.49E-3	2.72E-4	6.12E-4
	CC13	0.7618	-2.5112	-0.3260	-2.05E-3	-4.14E-4	-6.03E-4
	CC14	0.4270	-2.8003	-0.3347	-1.91E-3	-3.65E-4	-2.49E-5
	CC15	0.0670	-2.5149	-0.3079	-2.67E-3	-5.55E-5	-6.19E-4
	CC16	-0.2678	-2.8039	-0.3165	-2.53E-3	-5.65E-6	-4.02E-5
152	CC1	1.1526	0.8959	-0.2530	3.16E-4	-3.04E-4	3.77E-6
	CC2	1.1680	0.7795	-0.2528	2.93E-4	-3.21E-4	2.37E-4
	CC3	1.1742	-0.7150	-0.2795	-3.13E-4	-3.25E-4	-1.92E-4
	CC4	1.1896	-0.8314	-0.2793	-3.37E-4	-3.43E-4	4.09E-5
	CC5	-1.1947	0.8836	-0.1674	2.92E-4	2.63E-4	-4.72E-5
	CC6	-1.1792	0.7672	-0.1671	2.69E-4	2.46E-4	1.86E-4
	CC7	-1.1731	-0.7273	-0.1939	-3.37E-4	2.42E-4	-2.43E-4
	CC8	-1.1577	-0.8437	-0.1936	-3.60E-4	2.24E-4	-1.00E-5
	CC9	0.2945	2.8572	-0.1923	1.06E-3	-6.72E-5	4.16E-5
	CC10	0.3328	2.5682	-0.1917	1.00E-3	-1.11E-4	6.20E-4
	CC11	-0.4097	2.8535	-0.1666	1.05E-3	1.03E-4	2.63E-5
	CC12	-0.3714	2.5645	-0.1660	9.94E-4	5.92E-5	6.05E-4
	CC13	0.3663	-2.5123	-0.2806	-1.04E-3	-1.39E-4	-6.11E-4
	CC14	0.4046	-2.8013	-0.2801	-1.10E-3	-1.82E-4	-3.25E-5
	CC15	-0.3379	-2.5160	-0.2549	-1.05E-3	3.12E-5	-6.26E-4
	CC16	-0.2996	-2.8050	-0.2544	-1.10E-3	-1.24E-5	-4.78E-5
153	CC1	1.1535	0.8954	-0.1617	2.45E-4	-2.97E-4	5.12E-6
	CC2	1.2360	0.7790	-0.1535	2.03E-4	-3.24E-4	2.38E-4
	CC3	1.1185	-0.7155	-0.1558	-2.77E-4	-3.15E-4	-1.91E-4
	CC4	1.2011	-0.8319	-0.1476	-3.18E-4	-3.42E-4	4.23E-5
	CC5	-1.2078	0.8831	-0.3325	4.48E-4	2.78E-4	-4.59E-5
	CC6	-1.1253	0.7667	-0.3243	4.07E-4	2.51E-4	1.87E-4
	CC7	-1.2427	-0.7278	-0.3265	-7.32E-5	2.60E-4	-2.42E-4
	CC8	-1.1602	-0.8442	-0.3183	-1.14E-4	2.33E-4	-8.69E-6
	CC9	0.3066	2.8567	-0.2346	9.55E-4	-5.45E-5	4.29E-5
	CC10	0.5115	2.5677	-0.2142	8.53E-4	-1.22E-4	6.21E-4
	CC11	-0.4018	2.8530	-0.2858	1.02E-3	1.18E-4	2.76E-5
	CC12	-0.1969	2.5640	-0.2654	9.14E-4	5.10E-5	6.06E-4
	CC13	0.1901	-2.5128	-0.2146	-7.84E-4	-1.15E-4	-6.10E-4
	CC14	0.3951	-2.8018	-0.1943	-8.86E-4	-1.82E-4	-3.12E-5
	CC15	-0.5182	-2.5165	-0.2659	-7.22E-4	5.77E-5	-6.25E-4

	CC16	-0.3133	-2.8055	-0.2455	-8.25E-4	-9.57E-6	-4.65E-5
154	CC1	1.1539	0.8953	-0.1823	3.38E-4	-5.34E-4	1.09E-5
	CC2	1.3162	0.7888	-0.1535	3.02E-4	-6.14E-4	2.44E-4
	CC3	1.0519	-0.7238	-0.0521	-3.17E-4	-5.00E-4	-1.85E-4
	CC4	1.2142	-0.8303	-0.0232	-3.53E-4	-5.80E-4	4.81E-5
	CC5	-1.2240	0.8810	-0.5261	4.46E-4	5.68E-4	-4.00E-5
	CC6	-1.0617	0.7745	-0.4973	4.11E-4	4.88E-4	1.93E-4
	CC7	-1.3260	-0.7381	-0.3959	-2.09E-4	6.03E-4	-2.36E-4
	CC8	-1.1637	-0.8446	-0.3671	-2.44E-4	5.23E-4	-2.87E-6
	CC9	0.3202	2.8583	-0.4759	1.17E-3	-1.30E-4	4.87E-5
	CC10	0.7233	2.5937	-0.4043	1.08E-3	-3.28E-4	6.27E-4
	CC11	-0.3932	2.8540	-0.5791	1.20E-3	2.01E-4	3.34E-5
	CC12	0.0099	2.5894	-0.5075	1.11E-3	2.75E-6	6.12E-4
	CC13	-0.0197	-2.5387	-0.0419	-1.02E-3	-1.39E-5	-6.04E-4
	CC14	0.3834	-2.8033	0.0297	-1.11E-3	-2.12E-4	-2.54E-5
	CC15	-0.7331	-2.5430	-0.1450	-9.84E-4	3.17E-4	-6.19E-4
	CC16	-0.3300	-2.8076	-0.0735	-1.07E-3	1.18E-4	-4.07E-5
155	CC1	1.1529	0.8859	-0.2706	4.05E-4	-3.13E-4	2.03E-5
	CC2	1.0181	0.6826	-0.2773	3.36E-4	-2.97E-4	2.53E-4
	CC3	1.3007	-0.6520	-0.3290	-3.01E-4	-3.58E-4	-1.75E-4
	CC4	1.1659	-0.8553	-0.3357	-3.70E-4	-3.41E-4	5.75E-5
	CC5	-1.1630	0.8967	-0.2211	6.12E-4	2.81E-4	-3.07E-5
	CC6	-1.2978	0.6934	-0.2277	5.43E-4	2.97E-4	2.02E-4
	CC7	-1.0153	-0.6412	-0.2795	-9.40E-5	2.36E-4	-2.26E-4
	CC8	-1.1501	-0.8445	-0.2862	-1.63E-4	2.53E-4	6.51E-6
	CC9	0.2700	2.8346	-0.1801	1.35E-3	-6.53E-5	5.81E-5
	CC10	-0.0648	2.3298	-0.1967	1.18E-3	-2.46E-5	6.37E-4
	CC11	-0.4248	2.8379	-0.1652	1.41E-3	1.13E-4	4.28E-5
	CC12	-0.7596	2.3330	-0.1818	1.24E-3	1.54E-4	6.21E-4
	CC13	0.7625	-2.2917	-0.3749	-1.00E-3	-2.14E-4	-5.94E-4
	CC14	0.4277	-2.7965	-0.3915	-1.17E-3	-1.73E-4	-1.60E-5
	CC15	0.0677	-2.2884	-0.3601	-9.39E-4	-3.57E-5	-6.10E-4
	CC16	-0.2671	-2.7933	-0.3767	-1.11E-3	5.02E-6	-3.13E-5
156	CC1	1.1531	0.8858	-0.2631	7.41E-5	-3.39E-4	1.23E-5
	CC2	1.1685	0.6825	-0.2663	3.81E-5	-3.60E-4	2.45E-4
	CC3	1.1746	-0.6521	-0.3000	-2.41E-4	-3.60E-4	-1.83E-4
	CC4	1.1900	-0.8554	-0.3031	-2.77E-4	-3.81E-4	4.95E-5
	CC5	-1.1942	0.8966	-0.1999	1.92E-4	3.31E-4	-3.86E-5
	CC6	-1.1788	0.6933	-0.2030	1.56E-4	3.10E-4	1.94E-4
	CC7	-1.1727	-0.6413	-0.2367	-1.23E-4	3.10E-4	-2.34E-4
	CC8	-1.1573	-0.8446	-0.2399	-1.59E-4	2.90E-4	-1.46E-6
	CC9	0.2949	2.8346	-0.1957	5.10E-4	-6.52E-5	5.01E-5
	CC10	0.3333	2.3297	-0.2035	4.20E-4	-1.17E-4	6.29E-4
	CC11	-0.4092	2.8378	-0.1767	5.45E-4	1.36E-4	3.48E-5
	CC12	-0.3709	2.3330	-0.1845	4.56E-4	8.43E-5	6.13E-4
	CC13	0.3667	-2.2917	-0.3185	-5.41E-4	-1.34E-4	-6.02E-4
	CC14	0.4050	-2.7966	-0.3263	-6.30E-4	-1.85E-4	-2.40E-5
	CC15	-0.3375	-2.2885	-0.2996	-5.06E-4	6.71E-5	-6.18E-4
	CC16	-0.2992	-2.7933	-0.3073	-5.95E-4	1.55E-5	-3.92E-5
157	CC1	1.1536	0.8856	-0.2047	1.79E-4	-3.31E-4	1.34E-5
	CC2	1.2361	0.6823	-0.1995	1.33E-4	-3.65E-4	2.46E-4
	CC3	1.1186	-0.6523	-0.1929	-1.88E-4	-3.43E-4	-1.82E-4
	CC4	1.2011	-0.8556	-0.1877	-2.34E-4	-3.78E-4	5.06E-5
	CC5	-1.2077	0.8964	-0.3097	2.75E-4	3.87E-4	-3.76E-5
	CC6	-1.1252	0.6931	-0.3045	2.29E-4	3.52E-4	1.95E-4
	CC7	-1.2426	-0.6415	-0.2979	-9.26E-5	3.74E-4	-2.33E-4
	CC8	-1.1601	-0.8448	-0.2927	-1.38E-4	3.39E-4	-4.26E-7
	CC9	0.3067	2.8344	-0.2590	6.75E-4	-3.92E-5	5.12E-5
	CC10	0.5116	2.3295	-0.2462	5.61E-4	-1.25E-4	6.30E-4
	CC11	-0.4017	2.8376	-0.2905	7.04E-4	1.76E-4	3.59E-5
	CC12	-0.1968	2.3327	-0.2777	5.90E-4	8.99E-5	6.14E-4
	CC13	0.1902	-2.2919	-0.2197	-5.49E-4	-8.12E-5	-6.01E-4
	CC14	0.3951	-2.7968	-0.2068	-6.63E-4	-1.67E-4	-2.29E-5
	CC15	-0.5182	-2.2887	-0.2512	-5.20E-4	1.34E-4	-6.17E-4
	CC16	-0.3132	-2.7936	-0.2383	-6.35E-4	4.79E-5	-3.82E-5
158	CC1	1.1539	0.8855	-0.2693	2.91E-4	-3.66E-4	1.50E-5
	CC2	1.3162	0.6822	-0.2501	2.32E-4	-4.13E-4	2.48E-4
	CC3	1.0519	-0.6524	-0.1560	-2.46E-4	-3.76E-4	-1.81E-4
	CC4	1.2143	-0.8557	-0.1368	-3.04E-4	-4.24E-4	5.22E-5
	CC5	-1.2240	0.8963	-0.3832	3.37E-4	4.61E-4	-3.60E-5
	CC6	-1.0617	0.6930	-0.3641	2.79E-4	4.13E-4	1.97E-4
	CC7	-1.3259	-0.6416	-0.2699	-1.99E-4	4.50E-4	-2.32E-4

	CC8	-1.1636	-0.8449	-0.2507	-2.58E-4	4.03E-4	1.18E-6
	CC9	0.3202	2.8343	-0.4557	9.76E-4	-2.94E-5	5.28E-5
	CC10	0.7233	2.3294	-0.4080	8.31E-4	-1.47E-4	6.31E-4
	CC11	-0.3931	2.8375	-0.4899	9.90E-4	2.19E-4	3.75E-5
	CC12	0.0099	2.3327	-0.4422	8.45E-4	1.01E-4	6.16E-4
	CC13	-0.0197	-2.2920	-0.0778	-8.12E-4	-6.40E-5	-6.00E-4
	CC14	0.3834	-2.7969	-0.0301	-9.57E-4	-1.81E-4	-2.13E-5
	CC15	-0.7330	-2.2888	-0.1120	-7.98E-4	1.84E-4	-6.15E-4
	CC16	-0.3300	-2.7936	-0.0643	-9.43E-4	6.65E-5	-3.66E-5
159	CC1	1.1528	0.8788	-0.3264	4.66E-5	-3.39E-4	1.25E-5
	CC2	1.0180	0.5921	-0.3330	-1.15E-4	-3.22E-4	2.45E-4
	CC3	1.3006	-0.5890	-0.3840	-7.36E-4	-3.86E-4	-1.83E-4
	CC4	1.1658	-0.8758	-0.3907	-8.97E-4	-3.70E-4	4.97E-5
	CC5	-1.1632	0.9076	-0.1843	1.24E-3	3.09E-4	-3.85E-5
	CC6	-1.2980	0.6209	-0.1909	1.08E-3	3.25E-4	1.94E-4
	CC7	-1.0154	-0.5603	-0.2419	4.57E-4	2.61E-4	-2.34E-4
	CC8	-1.1502	-0.8470	-0.2486	2.96E-4	2.78E-4	-1.31E-6
	CC9	0.2698	2.8141	-0.2044	1.50E-3	-6.86E-5	5.03E-5
	CC10	-0.0650	2.1020	-0.2209	1.10E-3	-2.72E-5	6.29E-4
	CC11	-0.4250	2.8227	-0.1618	1.85E-3	1.26E-4	3.50E-5
	CC12	-0.7598	2.1107	-0.1783	1.45E-3	1.67E-4	6.13E-4
	CC13	0.7623	-2.0788	-0.3967	-1.11E-3	-2.28E-4	-6.02E-4
	CC14	0.4275	-2.7909	-0.4132	-1.51E-3	-1.86E-4	-2.38E-5
	CC15	0.0675	-2.0702	-0.3540	-7.53E-4	-3.37E-5	-6.18E-4
	CC16	-0.2672	-2.7822	-0.3706	-1.15E-3	7.79E-6	-3.91E-5
160	CC1	1.1535	0.8783	-0.2827	1.92E-4	-3.95E-4	8.53E-6
	CC2	1.1689	0.5905	-0.2908	1.05E-4	-4.17E-4	2.41E-4
	CC3	1.1750	-0.5886	-0.3197	-3.58E-4	-4.12E-4	-1.87E-4
	CC4	1.1905	-0.8764	-0.3277	-4.44E-4	-4.35E-4	4.57E-5
	CC5	-1.1938	0.9073	-0.1829	4.10E-4	3.98E-4	-4.24E-5
	CC6	-1.1783	0.6195	-0.1910	3.23E-4	3.75E-4	1.90E-4
	CC7	-1.1722	-0.5596	-0.2199	-1.40E-4	3.81E-4	-2.38E-4
	CC8	-1.1568	-0.8474	-0.2279	-2.27E-4	3.58E-4	-5.28E-6
	CC9	0.2954	2.8134	-0.1987	9.74E-4	-8.05E-5	4.63E-5
	CC10	0.3337	2.0986	-0.2187	7.58E-4	-1.37E-4	6.25E-4
	CC11	-0.4088	2.8221	-0.1688	1.04E-3	1.57E-4	3.10E-5
	CC12	-0.3705	2.1073	-0.1888	8.23E-4	1.01E-4	6.10E-4
	CC13	0.3672	-2.0764	-0.3219	-8.58E-4	-1.38E-4	-6.06E-4
	CC14	0.4055	-2.7912	-0.3418	-1.07E-3	-1.94E-4	-2.78E-5
	CC15	-0.3370	-2.0677	-0.2919	-7.93E-4	1.00E-4	-6.22E-4
	CC16	-0.2987	-2.7825	-0.3119	-1.01E-3	4.40E-5	-4.31E-5
161	CC1	1.1535	0.8777	-0.2809	2.53E-4	-4.81E-4	1.07E-5
	CC2	1.2360	0.6008	-0.2840	1.66E-4	-5.29E-4	2.44E-4
	CC3	1.1186	-0.5984	-0.2873	-3.06E-4	-4.88E-4	-1.85E-4
	CC4	1.2011	-0.8753	-0.2903	-3.93E-4	-5.37E-4	4.79E-5
	CC5	-1.2077	0.9043	-0.1933	4.10E-4	5.26E-4	-4.03E-5
	CC6	-1.1252	0.6274	-0.1963	3.23E-4	4.78E-4	1.93E-4
	CC7	-1.2427	-0.5718	-0.1996	-1.49E-4	5.18E-4	-2.36E-4
	CC8	-1.1602	-0.8487	-0.2027	-2.36E-4	4.70E-4	-3.08E-6
	CC9	0.3066	2.8145	-0.2406	1.02E-3	-8.33E-5	4.85E-5
	CC10	0.5116	2.1268	-0.2481	8.08E-4	-2.03E-4	6.27E-4
	CC11	-0.4017	2.8225	-0.2143	1.07E-3	2.19E-4	3.32E-5
	CC12	-0.1968	2.1348	-0.2218	8.55E-4	9.93E-5	6.12E-4
	CC13	0.1902	-2.1058	-0.2618	-8.38E-4	-1.10E-4	-6.04E-4
	CC14	0.3951	-2.7935	-0.2693	-1.06E-3	-2.29E-4	-2.56E-5
	CC15	-0.5182	-2.0978	-0.2355	-7.91E-4	1.92E-4	-6.19E-4
	CC16	-0.3133	-2.7855	-0.2430	-1.01E-3	7.28E-5	-4.09E-5
162	CC1	1.1540	0.8775	-0.3650	2.54E-4	-3.96E-4	1.77E-5
	CC2	1.3163	0.5907	-0.3463	1.66E-4	-4.38E-4	2.51E-4
	CC3	1.0520	-0.5903	-0.2500	-2.57E-4	-3.77E-4	-1.78E-4
	CC4	1.2143	-0.8771	-0.2313	-3.44E-4	-4.19E-4	5.49E-5
	CC5	-1.2239	0.9063	-0.2668	3.63E-4	4.31E-4	-3.33E-5
	CC6	-1.0616	0.6194	-0.2481	2.75E-4	3.89E-4	2.00E-4
	CC7	-1.3259	-0.5615	-0.1518	-1.47E-4	4.50E-4	-2.29E-4
	CC8	-1.1636	-0.8483	-0.1331	-2.35E-4	4.08E-4	3.88E-6
	CC9	0.3203	2.8127	-0.4788	9.52E-4	-9.80E-5	5.55E-5
	CC10	0.7234	2.1004	-0.4323	7.35E-4	-2.03E-4	6.34E-4
	CC11	-0.3931	2.8213	-0.4493	9.85E-4	1.50E-4	4.02E-5
	CC12	0.0100	2.1090	-0.4028	7.67E-4	4.54E-5	6.19E-4
	CC13	-0.0196	-2.0799	-0.0953	-7.49E-4	-3.36E-5	-5.97E-4
	CC14	0.3835	-2.7922	-0.0488	-9.66E-4	-1.38E-4	-1.86E-5
	CC15	-0.7330	-2.0713	-0.0659	-7.16E-4	2.14E-4	-6.12E-4

	CC16	-0.3299	-2.7836	-0.0194	-9.33E-4	1.10E-4	-3.39E-5
163	CC1	1.1536	0.8720	-0.3754	2.31E-4	-3.84E-4	8.56E-6
	CC2	1.2362	0.5219	-0.3832	1.40E-4	-3.99E-4	2.42E-4
	CC3	1.1187	-0.5427	-0.3712	-2.27E-4	-3.29E-4	-1.87E-4
	CC4	1.2012	-0.8928	-0.3790	-3.18E-4	-3.45E-4	4.57E-5
	CC5	-1.2076	0.9146	-0.1197	3.37E-4	3.74E-4	-4.24E-5
	CC6	-1.1251	0.5645	-0.1276	2.46E-4	3.59E-4	1.91E-4
	CC7	-1.2426	-0.5001	-0.1155	-1.21E-4	4.29E-4	-2.38E-4
	CC8	-1.1600	-0.8502	-0.1234	-2.12E-4	4.14E-4	-5.24E-6
	CC9	0.3068	2.7970	-0.2850	8.70E-4	-1.71E-4	4.63E-5
	CC10	0.5117	1.9276	-0.3045	6.43E-4	-2.08E-4	6.25E-4
	CC11	-0.4016	2.8098	-0.2083	9.02E-4	5.68E-5	3.11E-5
	CC12	-0.1967	1.9404	-0.2278	6.75E-4	1.92E-5	6.10E-4
	CC13	0.1903	-1.9186	-0.2709	-6.56E-4	1.07E-5	-6.06E-4
	CC14	0.3952	-2.7880	-0.2904	-8.83E-4	-2.69E-5	-2.77E-5
	CC15	-0.5181	-1.9058	-0.1942	-6.24E-4	2.38E-4	-6.22E-4
	CC16	-0.3131	-2.7752	-0.2137	-8.51E-4	2.01E-4	-4.30E-5
164	CC1	1.1540	0.8720	-0.4459	2.34E-4	-4.34E-4	9.08E-6
	CC2	1.3163	0.5219	-0.4302	1.38E-4	-4.68E-4	2.42E-4
	CC3	1.0520	-0.5427	-0.3242	-2.48E-4	-4.02E-4	-1.87E-4
	CC4	1.2143	-0.8927	-0.3084	-3.44E-4	-4.36E-4	4.62E-5
	CC5	-1.2239	0.9146	-0.1893	3.20E-4	4.71E-4	-4.19E-5
	CC6	-1.0616	0.5645	-0.1736	2.23E-4	4.37E-4	1.91E-4
	CC7	-1.3259	-0.5001	-0.0675	-1.62E-4	5.04E-4	-2.38E-4
	CC8	-1.1636	-0.8502	-0.0518	-2.59E-4	4.70E-4	-4.73E-6
	CC9	0.3203	2.7971	-0.5099	8.98E-4	-1.30E-4	4.69E-5
	CC10	0.7234	1.9277	-0.4707	6.58E-4	-2.14E-4	6.25E-4
	CC11	-0.3931	2.8098	-0.4329	9.24E-4	1.42E-4	3.16E-5
	CC12	0.0100	1.9404	-0.3938	6.84E-4	5.74E-5	6.10E-4
	CC13	-0.0196	-1.9186	-0.1040	-7.08E-4	-2.21E-5	-6.06E-4
	CC14	0.3835	-2.7880	-0.0648	-9.49E-4	-1.07E-4	-2.72E-5
	CC15	-0.7330	-1.9058	-0.0270	-6.83E-4	2.50E-4	-6.21E-4
	CC16	-0.3299	-2.7752	0.0122	-9.23E-4	1.65E-4	-4.25E-5
165	CC1	1.1543	0.8720	-0.4595	-4.91E-4	-2.78E-4	1.53E-5
	CC2	1.0194	0.4841	-0.4706	-7.34E-4	-2.61E-4	2.48E-4
	CC3	1.3020	-0.5111	-0.5538	-1.26E-3	-3.29E-4	-1.80E-4
	CC4	1.1672	-0.8989	-0.5648	-1.50E-3	-3.11E-4	5.25E-5
	CC5	-1.1617	0.9228	-0.0293	1.68E-3	3.86E-4	-3.56E-5
	CC6	-1.2965	0.5349	-0.0403	1.44E-3	4.03E-4	1.97E-4
	CC7	-1.0140	-0.4603	-0.1235	9.14E-4	3.35E-4	-2.31E-4
	CC8	-1.1488	-0.8481	-0.1346	6.71E-4	3.53E-4	1.54E-6
	CC9	0.2713	2.7909	-0.1908	1.34E-3	2.98E-7	5.31E-5
	CC10	-0.0635	1.8278	-0.2182	7.36E-4	4.39E-5	6.32E-4
	CC11	-0.4235	2.8062	-0.0618	1.99E-3	2.00E-4	3.78E-5
	CC12	-0.7583	1.8430	-0.0892	1.39E-3	2.43E-4	6.16E-4
	CC13	0.7638	-1.8192	-0.5050	-1.21E-3	-1.69E-4	-5.99E-4
	CC14	0.4290	-2.7823	-0.5323	-1.81E-3	-1.25E-4	-2.10E-5
	CC15	0.0690	-1.8039	-0.3759	-5.56E-4	3.05E-5	-6.15E-4
	CC16	-0.2658	-2.7670	-0.4033	-1.16E-3	7.41E-5	-3.62E-5
166	CC1	1.1542	0.8717	-0.4036	1.25E-4	-3.91E-4	6.29E-6
	CC2	1.1705	0.4839	-0.4203	7.45E-5	-4.17E-4	2.39E-4
	CC3	1.1750	-0.5113	-0.4470	-1.75E-4	-4.15E-4	-1.89E-4
	CC4	1.1913	-0.8992	-0.4638	-2.26E-4	-4.41E-4	4.35E-5
	CC5	-1.1933	0.9225	-0.0519	9.92E-5	4.89E-4	-4.47E-5
	CC6	-1.1770	0.5347	-0.0687	4.86E-5	4.62E-4	1.88E-4
	CC7	-1.1724	-0.4605	-0.0954	-2.01E-4	4.65E-4	-2.40E-4
	CC8	-1.1562	-0.8484	-0.1121	-2.51E-4	4.39E-4	-7.52E-6
	CC9	0.2962	2.7906	-0.2174	5.04E-4	-3.61E-5	4.41E-5
	CC10	0.3366	1.8275	-0.2590	3.78E-4	-1.01E-4	6.23E-4
	CC11	-0.4080	2.8059	-0.1119	4.96E-4	2.28E-4	2.88E-5
	CC12	-0.3676	1.8428	-0.1535	3.70E-4	1.63E-4	6.07E-4
	CC13	0.3657	-1.8194	-0.3622	-4.97E-4	-1.15E-4	-6.09E-4
	CC14	0.4060	-2.7826	-0.4038	-6.22E-4	-1.80E-4	-3.00E-5
	CC15	-0.3386	-1.8042	-0.2567	-5.04E-4	1.49E-4	-6.24E-4
	CC16	-0.2982	-2.7673	-0.2984	-6.30E-4	8.35E-5	-4.53E-5
167	CC1	1.1537	0.8714	-0.4396	2.31E-4	-4.79E-4	1.14E-6
	CC2	1.2362	0.4836	-0.4503	1.60E-4	-5.17E-4	2.34E-4
	CC3	1.1188	-0.5116	-0.4256	-1.43E-4	-4.55E-4	-1.95E-4
	CC4	1.2013	-0.8994	-0.4363	-2.15E-4	-4.94E-4	3.83E-5
	CC5	-1.2076	0.9222	-0.0563	1.95E-4	5.08E-4	-4.98E-5
	CC6	-1.1250	0.5344	-0.0670	1.23E-4	4.70E-4	1.83E-4
	CC7	-1.2425	-0.4608	-0.0423	-1.80E-4	5.32E-4	-2.46E-4

	CC8	-1.1600	-0.8486	-0.0530	-2.51E-4	4.94E-4	-1.27E-5
	CC9	0.3068	2.7903	-0.3139	7.09E-4	-1.33E-4	3.89E-5
	CC10	0.5117	1.8272	-0.3404	5.31E-4	-2.28E-4	6.17E-4
	CC11	-0.4016	2.8056	-0.1989	6.98E-4	1.64E-4	2.36E-5
	CC12	-0.1966	1.8425	-0.2254	5.20E-4	6.80E-5	6.02E-4
	CC13	0.1904	-1.8197	-0.2672	-5.40E-4	-5.33E-5	-6.14E-4
	CC14	0.3953	-2.7828	-0.2937	-7.18E-4	-1.49E-4	-3.52E-5
	CC15	-0.5180	-1.8045	-0.1522	-5.51E-4	2.43E-4	-6.29E-4
	CC16	-0.3131	-2.7676	-0.1787	-7.29E-4	1.47E-4	-5.05E-5
168	CC1	1.1540	0.8712	-0.5175	2.52E-4	-5.23E-4	3.98E-6
	CC2	1.3163	0.4834	-0.5095	1.45E-4	-5.94E-4	2.37E-4
	CC3	1.0520	-0.5118	-0.3911	-2.60E-4	-4.93E-4	-1.92E-4
	CC4	1.2143	-0.8996	-0.3832	-3.67E-4	-5.64E-4	4.12E-5
	CC5	-1.2239	0.9220	-0.1079	3.47E-4	5.80E-4	-4.70E-5
	CC6	-1.0616	0.5342	-0.0999	2.40E-4	5.10E-4	1.86E-4
	CC7	-1.3259	-0.4610	0.0184	-1.65E-4	6.10E-4	-2.43E-4
	CC8	-1.1636	-0.8488	0.0264	-2.72E-4	5.40E-4	-9.83E-6
	CC9	0.3203	2.7902	-0.5274	9.61E-4	-1.20E-4	4.18E-5
	CC10	0.7234	1.8271	-0.5076	6.96E-4	-2.95E-4	6.20E-4
	CC11	-0.3931	2.8054	-0.4046	9.90E-4	2.11E-4	2.65E-5
	CC12	0.0100	1.8423	-0.3847	7.25E-4	3.59E-5	6.05E-4
	CC13	-0.0196	-1.8199	-0.1064	-7.45E-4	-1.94E-5	-6.11E-4
	CC14	0.3835	-2.7830	-0.0865	-1.01E-3	-1.94E-4	-3.23E-5
	CC15	-0.7330	-1.8046	0.0165	-7.17E-4	3.12E-4	-6.26E-4
	CC16	-0.3299	-2.7677	0.0363	-9.82E-4	1.37E-4	-4.76E-5
169	CC1	1.1659	0.9386	-0.2666	2.13E-3	-6.83E-4	7.99E-5
	CC2	1.0307	0.8236	-0.2701	2.21E-3	-6.68E-4	3.26E-4
	CC3	1.3153	-0.7023	-0.3052	6.11E-4	-7.66E-4	-1.09E-4
	CC4	1.1802	-0.8173	-0.3087	6.83E-4	-7.51E-4	1.37E-4
	CC5	-1.1755	0.8807	-0.2057	-2.10E-4	5.80E-4	-1.25E-4
	CC6	-1.3107	0.7657	-0.2092	-1.37E-4	5.95E-4	1.21E-4
	CC7	-1.0261	-0.7602	-0.2442	-1.73E-3	4.97E-4	-3.14E-4
	CC8	-1.1613	-0.8752	-0.2477	-1.66E-3	5.11E-4	-6.79E-5
	CC9	0.2723	2.9181	-0.1977	3.04E-3	-1.55E-4	4.65E-5
	CC10	-0.0633	2.6325	-0.2064	3.21E-3	-1.18E-4	6.57E-4
	CC11	-0.4301	2.9007	-0.1795	2.33E-3	2.24E-4	-1.48E-5
	CC12	-0.7658	2.6151	-0.1881	2.51E-3	2.61E-4	5.95E-4
	CC13	0.7704	-2.5517	-0.3262	-2.04E-3	-4.32E-4	-5.83E-4
	CC14	0.4347	-2.8373	-0.3349	-1.86E-3	-3.95E-4	2.68E-5
	CC15	0.0680	-2.5691	-0.3079	-2.74E-3	-5.34E-5	-6.45E-4
	CC16	-0.2677	-2.8547	-0.3166	-2.56E-3	-1.65E-5	-3.46E-5
170	CC1	1.2141	0.9284	-0.2579	-7.46E-5	-2.20E-4	4.76E-5
	CC2	1.2374	0.8134	-0.2574	-6.38E-5	-2.45E-4	2.93E-4
	CC3	1.2417	-0.7125	-0.2835	3.57E-5	-2.45E-4	-1.41E-4
	CC4	1.2650	-0.8275	-0.2830	4.64E-5	-2.71E-4	1.04E-4
	CC5	-1.2588	0.8705	-0.1685	-2.04E-4	8.18E-5	-1.57E-4
	CC6	-1.2355	0.7555	-0.1680	-1.93E-4	5.59E-5	8.87E-5
	CC7	-1.2312	-0.7704	-0.1940	-9.36E-5	5.63E-5	-3.46E-4
	CC8	-1.2079	-0.8854	-0.1935	-8.29E-5	3.04E-5	-1.00E-4
	CC9	0.2991	2.9079	-0.1971	-2.56E-4	-6.51E-5	1.42E-5
	CC10	0.3570	2.6223	-0.1959	-2.30E-4	-1.29E-4	6.24E-4
	CC11	-0.4427	2.8905	-0.1703	-2.95E-4	2.53E-5	-4.72E-5
	CC12	-0.3849	2.6049	-0.1690	-2.68E-4	-3.91E-5	5.63E-4
	CC13	0.3911	-2.5619	-0.2824	1.11E-4	-1.50E-4	-6.16E-4
	CC14	0.4490	-2.8475	-0.2811	1.38E-4	-2.14E-4	-5.53E-6
	CC15	-0.3508	-2.5793	-0.2556	7.22E-5	-5.97E-5	-6.77E-4
	CC16	-0.2929	-2.8649	-0.2543	9.90E-5	-1.24E-4	-6.69E-5
171	CC1	1.2311	0.9339	-0.1638	9.75E-5	-2.01E-4	6.11E-5
	CC2	1.3252	0.8189	-0.1544	6.44E-5	-2.26E-4	3.07E-4
	CC3	1.2041	-0.7070	-0.1512	-1.39E-4	-2.21E-4	-1.28E-4
	CC4	1.2982	-0.8220	-0.1418	-1.72E-4	-2.47E-4	1.18E-4
	CC5	-1.3005	0.8760	-0.3442	3.42E-4	1.49E-4	-1.43E-4
	CC6	-1.2064	0.7610	-0.3349	3.09E-4	1.23E-4	1.02E-4
	CC7	-1.3275	-0.7649	-0.3316	1.05E-4	1.29E-4	-3.32E-4
	CC8	-1.2334	-0.8799	-0.3223	7.23E-5	1.03E-4	-8.66E-5
	CC9	0.3068	2.9134	-0.2485	4.83E-4	-3.57E-5	2.78E-5
	CC10	0.5404	2.6278	-0.2253	4.01E-4	-9.91E-5	6.38E-4
	CC11	-0.4527	2.8960	-0.3027	5.57E-4	6.92E-5	-3.36E-5
	CC12	-0.2191	2.6104	-0.2795	4.75E-4	5.82E-6	5.77E-4
	CC13	0.2168	-2.5564	-0.2066	-3.05E-4	-1.04E-4	-6.02E-4
	CC14	0.4504	-2.8420	-0.1834	-3.87E-4	-1.67E-4	8.06E-6
	CC15	-0.5427	-2.5738	-0.2607	-2.32E-4	1.34E-6	-6.63E-4

	CC16	-0.3090	-2.8594	-0.2375	-3.14E-4	-6.20E-5	-5.33E-5
172	CC1	1.2545	0.9462	-0.1841	4.03E-5	-1.18E-4	8.36E-5
	CC2	1.4327	0.8416	-0.1561	2.37E-5	-1.37E-4	3.29E-4
	CC3	1.1628	-0.7027	-0.0586	-4.77E-5	-1.75E-4	-1.05E-4
	CC4	1.3411	-0.8073	-0.0305	-6.44E-5	-1.94E-4	1.40E-4
	CC5	-1.3469	0.8797	-0.5217	1.56E-4	1.78E-4	-1.21E-4
	CC6	-1.1687	0.7750	-0.4937	1.39E-4	1.59E-4	1.25E-4
	CC7	-1.4386	-0.7692	-0.3962	6.80E-5	1.21E-4	-3.10E-4
	CC8	-1.2604	-0.8739	-0.3681	5.14E-5	1.02E-4	-6.42E-5
	CC9	0.3188	2.9243	-0.4696	1.96E-4	6.64E-5	5.03E-5
	CC10	0.7614	2.6644	-0.3999	1.55E-4	1.88E-5	6.60E-4
	CC11	-0.4617	2.9043	-0.5708	2.31E-4	1.55E-4	-1.11E-5
	CC12	-0.0190	2.6444	-0.5012	1.89E-4	1.08E-4	5.99E-4
	CC13	0.0132	-2.5721	-0.0511	-9.76E-5	-1.23E-4	-5.80E-4
	CC14	0.4558	-2.8320	0.0186	-1.39E-4	-1.71E-4	3.05E-5
	CC15	-0.7673	-2.5920	-0.1523	-6.29E-5	-3.48E-5	-6.41E-4
	CC16	-0.3246	-2.8519	-0.0827	-1.04E-4	-8.23E-5	-3.08E-5
173	CC1	1.1666	0.9061	-0.2714	3.57E-4	-2.03E-4	8.78E-5
	CC2	1.0315	0.6994	-0.2780	3.00E-4	-2.03E-4	3.34E-4
	CC3	1.3161	-0.6644	-0.3298	-2.26E-4	-2.27E-4	-1.01E-4
	CC4	1.1809	-0.8711	-0.3364	-2.83E-4	-2.27E-4	1.45E-4
	CC5	-1.1748	0.9257	-0.2216	5.79E-4	1.62E-4	-1.17E-4
	CC6	-1.3099	0.7191	-0.2282	5.22E-4	1.62E-4	1.29E-4
	CC7	-1.0254	-0.6448	-0.2799	-3.49E-6	1.38E-4	-3.06E-4
	CC8	-1.1605	-0.8514	-0.2866	-6.06E-5	1.38E-4	-5.99E-5
	CC9	0.2731	2.8986	-0.1809	1.16E-3	-4.70E-5	5.45E-5
	CC10	-0.0626	2.3853	-0.1974	1.01E-3	-4.80E-5	6.65E-4
	CC11	-0.4294	2.9044	-0.1660	1.22E-3	6.25E-5	-6.86E-6
	CC12	-0.7650	2.3912	-0.1825	1.08E-3	6.16E-5	6.03E-4
	CC13	0.7711	-2.3365	-0.3755	-7.85E-4	-1.27E-4	-5.75E-4
	CC14	0.4355	-2.8498	-0.3920	-9.27E-4	-1.28E-4	3.48E-5
	CC15	0.0687	-2.3306	-0.3605	-7.18E-4	-1.70E-5	-6.37E-4
	CC16	-0.2669	-2.8439	-0.3771	-8.60E-4	-1.80E-5	-2.66E-5
174	CC1	1.2131	0.8989	-0.2690	-9.80E-5	-1.44E-4	7.30E-5
	CC2	1.2364	0.6922	-0.2717	-1.06E-4	-1.63E-4	3.19E-4
	CC3	1.2407	-0.6716	-0.3029	-1.28E-4	-1.63E-4	-1.16E-4
	CC4	1.2640	-0.8783	-0.3056	-1.36E-4	-1.82E-4	1.30E-4
	CC5	-1.2597	0.9185	-0.2055	-7.54E-6	1.37E-4	-1.31E-4
	CC6	-1.2364	0.7119	-0.2082	-1.52E-5	1.17E-4	1.14E-4
	CC7	-1.2321	-0.6520	-0.2394	-3.78E-5	1.18E-4	-3.20E-4
	CC8	-1.2088	-0.8587	-0.2421	-4.54E-5	9.83E-5	-7.48E-5
	CC9	0.2982	2.8913	-0.2052	-2.53E-5	-8.91E-6	3.97E-5
	CC10	0.3560	2.3781	-0.2119	-4.43E-5	-5.79E-5	6.50E-4
	CC11	-0.4437	2.8972	-0.1862	1.79E-6	7.53E-5	-2.17E-5
	CC12	-0.3858	2.3840	-0.1929	-1.72E-5	2.63E-5	5.89E-4
	CC13	0.3901	-2.3437	-0.3182	-1.26E-4	-7.18E-5	-5.90E-4
	CC14	0.4480	-2.8570	-0.3249	-1.45E-4	-1.21E-4	1.99E-5
	CC15	-0.3517	-2.3378	-0.2992	-9.91E-5	1.24E-5	-6.52E-4
	CC16	-0.2939	-2.8511	-0.3059	-1.18E-4	-3.65E-5	-4.14E-5
175	CC1	1.2306	0.8982	-0.2114	9.54E-5	-1.49E-4	8.38E-5
	CC2	1.3247	0.6915	-0.2061	6.64E-5	-1.71E-4	3.29E-4
	CC3	1.2036	-0.6723	-0.1976	-1.02E-4	-1.76E-4	-1.05E-4
	CC4	1.2977	-0.8790	-0.1923	-1.31E-4	-1.98E-4	1.41E-4
	CC5	-1.3010	0.9178	-0.3126	1.89E-4	2.28E-4	-1.21E-4
	CC6	-1.2069	0.7112	-0.3073	1.60E-4	2.07E-4	1.25E-4
	CC7	-1.3280	-0.6527	-0.2988	-8.65E-6	2.01E-4	-3.10E-4
	CC8	-1.2339	-0.8594	-0.2935	-3.76E-5	1.80E-4	-6.40E-5
	CC9	0.3062	2.8906	-0.2668	3.80E-4	3.02E-5	5.04E-5
	CC10	0.5399	2.3774	-0.2536	3.08E-4	-2.31E-5	6.61E-4
	CC11	-0.4532	2.8965	-0.2971	4.08E-4	1.44E-4	-1.09E-5
	CC12	-0.2196	2.3833	-0.2840	3.36E-4	9.02E-5	5.99E-4
	CC13	0.2163	-2.3444	-0.2209	-2.78E-4	-5.96E-5	-5.79E-4
	CC14	0.4499	-2.8577	-0.2077	-3.50E-4	-1.13E-4	3.07E-5
	CC15	-0.5432	-2.3385	-0.2512	-2.50E-4	5.37E-5	-6.41E-4
	CC16	-0.3095	-2.8518	-0.2381	-3.22E-4	3.42E-7	-3.06E-5
176	CC1	1.2542	0.9016	-0.2680	1.09E-4	-1.90E-4	9.41E-5
	CC2	1.4324	0.6949	-0.2498	8.49E-5	-2.09E-4	3.40E-4
	CC3	1.1625	-0.6690	-0.1629	-4.69E-5	-2.22E-4	-9.49E-5
	CC4	1.3407	-0.8756	-0.1447	-7.06E-5	-2.41E-4	1.51E-4
	CC5	-1.3472	0.9212	-0.3835	8.50E-5	3.03E-4	-1.10E-4
	CC6	-1.1690	0.7145	-0.3653	6.13E-5	2.84E-4	1.35E-4
	CC7	-1.4389	-0.6493	-0.2784	-7.06E-5	2.71E-4	-2.99E-4

	CC8	-1.2607	-0.8560	-0.2603	-9.43E-5	2.52E-4	-5.37E-5
	CC9	0.3184	2.8940	-0.4445	2.99E-4	3.42E-5	6.07E-5
	CC10	0.7611	2.3807	-0.3994	2.41E-4	-1.34E-5	6.71E-4
	CC11	-0.4620	2.8999	-0.4791	2.92E-4	1.82E-4	-6.11E-7
	CC12	-0.0194	2.3866	-0.4340	2.33E-4	1.34E-4	6.10E-4
	CC13	0.0129	-2.3411	-0.0942	-2.19E-4	-7.22E-5	-5.69E-4
	CC14	0.4555	-2.8543	-0.0491	-2.78E-4	-1.20E-4	4.10E-5
	CC15	-0.7676	-2.3352	-0.1289	-2.26E-4	7.55E-5	-6.31E-4
	CC16	-0.3249	-2.8484	-0.0838	-2.85E-4	2.79E-5	-2.03E-5
177	CC1	1.1664	0.8783	-0.3271	-1.03E-4	-2.51E-4	7.86E-5
	CC2	1.0312	0.5836	-0.3338	-2.58E-4	-2.50E-4	3.24E-4
	CC3	1.3158	-0.6246	-0.3848	-7.67E-4	-2.80E-4	-1.10E-4
	CC4	1.1806	-0.9193	-0.3915	-9.22E-4	-2.79E-4	1.35E-4
	CC5	-1.1750	0.9700	-0.1848	1.34E-3	2.08E-4	-1.26E-4
	CC6	-1.3102	0.6754	-0.1915	1.19E-3	2.08E-4	1.20E-4
	CC7	-1.0256	-0.5329	-0.2425	6.76E-4	1.78E-4	-3.15E-4
	CC8	-1.1608	-0.8276	-0.2492	5.21E-4	1.79E-4	-6.92E-5
	CC9	0.2728	2.8824	-0.2050	1.29E-3	-5.64E-5	4.52E-5
	CC10	-0.0629	2.1506	-0.2216	9.07E-4	-5.55E-5	6.55E-4
	CC11	-0.4296	2.9099	-0.1623	1.73E-3	8.11E-5	-1.61E-5
	CC12	-0.7653	2.1781	-0.1789	1.34E-3	8.20E-5	5.94E-4
	CC13	0.7709	-2.1274	-0.3974	-9.22E-4	-1.54E-4	-5.85E-4
	CC14	0.4352	-2.8592	-0.4140	-1.31E-3	-1.53E-4	2.55E-5
	CC15	0.0685	-2.0999	-0.3547	-4.89E-4	-1.63E-5	-6.46E-4
	CC16	-0.2672	-2.8316	-0.3713	-8.74E-4	-1.54E-5	-3.59E-5
178	CC1	1.2121	0.8690	-0.2877	-1.85E-4	-2.41E-4	7.27E-5
	CC2	1.2354	0.5732	-0.2955	-1.89E-4	-2.66E-4	3.18E-4
	CC3	1.2397	-0.6330	-0.3240	-1.58E-4	-2.57E-4	-1.16E-4
	CC4	1.2630	-0.9289	-0.3318	-1.62E-4	-2.81E-4	1.29E-4
	CC5	-1.2607	0.9617	-0.1866	3.09E-5	2.32E-4	-1.32E-4
	CC6	-1.2374	0.6659	-0.1945	2.68E-5	2.08E-4	1.14E-4
	CC7	-1.2331	-0.5403	-0.2229	5.81E-5	2.16E-4	-3.21E-4
	CC8	-1.2098	-0.8361	-0.2308	5.40E-5	1.92E-4	-7.51E-5
	CC9	0.2972	2.8732	-0.2041	-1.38E-4	-3.97E-5	3.93E-5
	CC10	0.3550	2.1386	-0.2237	-1.49E-4	-1.00E-4	6.50E-4
	CC11	-0.4447	2.9011	-0.1738	-7.35E-5	1.02E-4	-2.20E-5
	CC12	-0.3868	2.1664	-0.1934	-8.36E-5	4.19E-5	5.88E-4
	CC13	0.3891	-2.1335	-0.3251	-4.78E-5	-9.09E-5	-5.91E-4
	CC14	0.4470	-2.8682	-0.3447	-5.79E-5	-1.51E-4	1.96E-5
	CC15	-0.3527	-2.1057	-0.2948	1.71E-5	5.10E-5	-6.52E-4
	CC16	-0.2949	-2.8404	-0.3144	6.97E-6	-9.35E-6	-4.18E-5
179	CC1	1.2303	0.8683	-0.2853	2.60E-5	-1.46E-4	7.76E-5
	CC2	1.3244	0.5839	-0.2878	2.32E-6	-1.75E-4	3.23E-4
	CC3	1.2033	-0.6426	-0.2887	-7.14E-5	-1.78E-4	-1.11E-4
	CC4	1.2974	-0.9269	-0.2912	-9.50E-5	-2.07E-4	1.34E-4
	CC5	-1.3013	0.9514	-0.1966	1.49E-4	2.01E-4	-1.27E-4
	CC6	-1.2072	0.6671	-0.1991	1.25E-4	1.71E-4	1.19E-4
	CC7	-1.3283	-0.5595	-0.1999	5.18E-5	1.69E-4	-3.16E-4
	CC8	-1.2342	-0.8438	-0.2025	2.81E-5	1.40E-4	-7.01E-5
	CC9	0.3059	2.8709	-0.2485	2.00E-4	3.39E-5	4.43E-5
	CC10	0.5396	2.1648	-0.2548	1.41E-4	-3.89E-5	6.54E-4
	CC11	-0.4535	2.8959	-0.2219	2.37E-4	1.38E-4	-1.71E-5
	CC12	-0.2199	2.1897	-0.2282	1.78E-4	6.51E-5	5.93E-4
	CC13	0.2160	-2.1653	-0.2596	-1.24E-4	-7.13E-5	-5.86E-4
	CC14	0.4496	-2.8714	-0.2659	-1.83E-4	-1.44E-4	2.46E-5
	CC15	-0.5435	-2.1403	-0.2330	-8.74E-5	3.27E-5	-6.47E-4
	CC16	-0.3099	-2.8465	-0.2393	-1.46E-4	-4.01E-5	-3.68E-5
180	CC1	1.2541	0.8677	-0.3628	9.91E-5	-2.33E-4	9.34E-5
	CC2	1.4323	0.5729	-0.3459	5.46E-5	-2.43E-4	3.39E-4
	CC3	1.1624	-0.6352	-0.2580	-1.36E-4	-2.20E-4	-9.55E-5
	CC4	1.3406	-0.9300	-0.2411	-1.81E-4	-2.30E-4	1.50E-4
	CC5	-1.3473	0.9595	-0.2645	1.47E-4	2.69E-4	-1.11E-4
	CC6	-1.1691	0.6647	-0.2476	1.02E-4	2.59E-4	1.35E-4
	CC7	-1.4390	-0.5434	-0.1597	-8.88E-5	2.82E-4	-3.00E-4
	CC8	-1.2608	-0.8381	-0.1428	-1.33E-4	2.72E-4	-5.43E-5
	CC9	0.3183	2.8717	-0.4632	4.24E-4	-6.52E-5	6.01E-5
	CC10	0.7610	2.1397	-0.4213	3.13E-4	-8.96E-5	6.70E-4
	CC11	-0.4621	2.8993	-0.4337	4.38E-4	8.53E-5	-1.26E-6
	CC12	-0.0195	2.1672	-0.3918	3.28E-4	6.09E-5	6.09E-4
	CC13	0.0127	-2.1377	-0.1138	-3.62E-4	-2.22E-5	-5.70E-4
	CC14	0.4554	-2.8698	-0.0719	-4.72E-4	-4.66E-5	4.04E-5
	CC15	-0.7677	-2.1102	-0.0843	-3.47E-4	1.28E-4	-6.31E-4

	CC16	-0.3251	-2.8422	-0.0424	-4.58E-4	1.04E-4	-2.10E-5
181	CC1	1.2305	0.8395	-0.3869	1.18E-4	-3.90E-4	8.94E-5
	CC2	1.3246	0.4780	-0.3935	7.44E-5	-4.06E-4	3.35E-4
	CC3	1.2035	-0.6121	-0.3753	-9.10E-5	-3.44E-4	-9.96E-5
	CC4	1.2976	-0.9736	-0.3820	-1.35E-4	-3.60E-4	1.46E-4
	CC5	-1.3011	0.9869	-0.1229	2.10E-4	3.75E-4	-1.15E-4
	CC6	-1.2070	0.6254	-0.1295	1.66E-4	3.59E-4	1.31E-4
	CC7	-1.3281	-0.4647	-0.1113	8.55E-7	4.21E-4	-3.04E-4
	CC8	-1.2340	-0.8262	-0.1180	-4.27E-5	4.05E-4	-5.84E-5
	CC9	0.3061	2.8527	-0.3031	4.26E-4	-1.64E-4	5.61E-5
	CC10	0.5398	1.9550	-0.3196	3.18E-4	-2.04E-4	6.66E-4
	CC11	-0.4533	2.8969	-0.2239	4.54E-4	6.54E-5	-5.29E-6
	CC12	-0.2197	1.9992	-0.2404	3.46E-4	2.60E-5	6.05E-4
	CC13	0.2162	-1.9859	-0.2645	-2.70E-4	-1.09E-5	-5.74E-4
	CC14	0.4498	-2.8837	-0.2810	-3.79E-4	-5.04E-5	3.63E-5
	CC15	-0.5433	-1.9417	-0.1853	-2.43E-4	2.19E-4	-6.35E-4
	CC16	-0.3096	-2.8394	-0.2018	-3.51E-4	1.79E-4	-2.50E-5
182	CC1	1.2540	0.8393	-0.4472	6.38E-5	-4.28E-4	9.36E-5
	CC2	1.4323	0.4778	-0.4339	1.82E-5	-4.60E-4	3.39E-4
	CC3	1.1623	-0.6123	-0.3343	-1.64E-4	-3.96E-4	-9.54E-5
	CC4	1.3406	-0.9738	-0.3210	-2.09E-4	-4.27E-4	1.50E-4
	CC5	-1.3474	0.9867	-0.1828	1.13E-4	4.57E-4	-1.11E-4
	CC6	-1.1692	0.6252	-0.1695	6.70E-5	4.25E-4	1.35E-4
	CC7	-1.4391	-0.4649	-0.0698	-1.15E-4	4.89E-4	-3.00E-4
	CC8	-1.2608	-0.8264	-0.0566	-1.60E-4	4.58E-4	-5.42E-5
	CC9	0.3183	2.8525	-0.4962	3.80E-4	-1.33E-4	6.03E-5
	CC10	0.7609	1.9548	-0.4633	2.67E-4	-2.11E-4	6.70E-4
	CC11	-0.4621	2.8967	-0.4169	3.95E-4	1.33E-4	-1.08E-6
	CC12	-0.0195	1.9990	-0.3840	2.81E-4	5.41E-5	6.09E-4
	CC13	0.0127	-1.9861	-0.1198	-3.78E-4	-2.44E-5	-5.70E-4
	CC14	0.4553	-2.8838	-0.0868	-4.91E-4	-1.03E-4	4.05E-5
	CC15	-0.7677	-1.9419	-0.0405	-3.63E-4	2.41E-4	-6.31E-4
	CC16	-0.3251	-2.8396	-0.0075	-4.77E-4	1.63E-4	-2.08E-5
183	CC1	1.1642	0.8380	-0.4600	-7.19E-4	-1.65E-4	8.78E-5
	CC2	1.0291	0.4367	-0.4711	-9.58E-4	-1.65E-4	3.34E-4
	CC3	1.3137	-0.5830	-0.5540	-1.39E-3	-1.99E-4	-1.01E-4
	CC4	1.1785	-0.9843	-0.5651	-1.63E-3	-1.99E-4	1.45E-4
	CC5	-1.1772	1.0185	-0.0298	1.87E-3	3.05E-4	-1.17E-4
	CC6	-1.3124	0.6172	-0.0409	1.63E-3	3.05E-4	1.29E-4
	CC7	-1.0278	-0.4025	-0.1238	1.20E-3	2.72E-4	-3.06E-4
	CC8	-1.1629	-0.8038	-0.1349	9.57E-4	2.71E-4	-6.00E-5
	CC9	0.2707	2.8567	-0.1915	1.15E-3	3.90E-5	5.45E-5
	CC10	-0.0650	1.8601	-0.2191	5.54E-4	3.86E-5	6.65E-4
	CC11	-0.4318	2.9109	-0.0625	1.92E-3	1.80E-4	-6.88E-6
	CC12	-0.7674	1.9143	-0.0900	1.33E-3	1.80E-4	6.03E-4
	CC13	0.7687	-1.8800	-0.5049	-1.09E-3	-7.32E-5	-5.75E-4
	CC14	0.4331	-2.8766	-0.5324	-1.69E-3	-7.37E-5	3.47E-5
	CC15	0.0663	-1.8259	-0.3758	-3.16E-4	6.78E-5	-6.37E-4
	CC16	-0.2694	-2.8225	-0.4034	-9.10E-4	6.74E-5	-2.66E-5
184	CC1	1.2113	0.8274	-0.4091	-2.80E-5	-1.68E-4	8.83E-5
	CC2	1.2354	0.4261	-0.4252	-2.25E-5	-1.96E-4	3.34E-4
	CC3	1.2382	-0.5936	-0.4498	-8.92E-5	-1.89E-4	-1.01E-4
	CC4	1.2623	-0.9949	-0.4659	-8.37E-5	-2.18E-4	1.45E-4
	CC5	-1.2623	1.0079	-0.0558	-1.09E-4	3.22E-4	-1.16E-4
	CC6	-1.2382	0.6066	-0.0718	-1.03E-4	2.94E-4	1.29E-4
	CC7	-1.2354	-0.4132	-0.0965	-1.70E-4	3.01E-4	-3.05E-4
	CC8	-1.2113	-0.8145	-0.1125	-1.65E-4	2.72E-4	-5.95E-5
	CC9	0.2962	2.8461	-0.2260	1.10E-5	5.03E-5	5.49E-5
	CC10	0.3562	1.8495	-0.2659	2.47E-5	-2.09E-5	6.65E-4
	CC11	-0.4459	2.9002	-0.1200	-1.33E-5	1.97E-4	-6.40E-6
	CC12	-0.3859	1.9036	-0.1599	4.06E-7	1.26E-4	6.04E-4
	CC13	0.3859	-1.8907	-0.3617	-1.93E-4	-2.14E-5	-5.75E-4
	CC14	0.4459	-2.8873	-0.4016	-1.79E-4	-9.26E-5	3.52E-5
	CC15	-0.3562	-1.8365	-0.2557	-2.17E-4	1.26E-4	-6.36E-4
	CC16	-0.2962	-2.8331	-0.2956	-2.04E-4	5.44E-5	-2.61E-5
185	CC1	1.2308	0.8243	-0.4401	1.52E-4	-2.40E-4	8.18E-5
	CC2	1.3249	0.4230	-0.4500	1.14E-4	-2.67E-4	3.28E-4
	CC3	1.2039	-0.5967	-0.4243	-6.93E-5	-2.49E-4	-1.07E-4
	CC4	1.2979	-0.9980	-0.4342	-1.08E-4	-2.76E-4	1.39E-4
	CC5	-1.3007	1.0047	-0.0633	1.05E-4	3.21E-4	-1.23E-4
	CC6	-1.2067	0.6034	-0.0733	6.67E-5	2.94E-4	1.23E-4
	CC7	-1.3277	-0.4163	-0.0475	-1.17E-4	3.12E-4	-3.12E-4

	CC8	-1.2337	-0.8176	-0.0575	-1.55E-4	2.86E-4	-6.60E-5
	CC9	0.3065	2.8429	-0.3192	4.23E-4	-1.44E-5	4.85E-5
	CC10	0.5401	1.8463	-0.3440	3.27E-4	-8.03E-5	6.59E-4
	CC11	-0.4530	2.8971	-0.2062	4.08E-4	1.54E-4	-1.29E-5
	CC12	-0.2194	1.9005	-0.2310	3.13E-4	8.80E-5	5.97E-4
	CC13	0.2166	-1.8938	-0.2666	-3.16E-4	-4.30E-5	-5.81E-4
	CC14	0.4502	-2.8904	-0.2913	-4.11E-4	-1.09E-4	2.88E-5
	CC15	-0.5429	-1.8396	-0.1535	-3.30E-4	1.25E-4	-6.43E-4
	CC16	-0.3093	-2.8362	-0.1783	-4.25E-4	5.95E-5	-3.26E-5
186	CC1	1.2540	0.8240	-0.5098	5.83E-5	-3.15E-4	8.66E-5
	CC2	1.4322	0.4227	-0.5030	2.26E-5	-3.53E-4	3.32E-4
	CC3	1.1623	-0.5970	-0.3932	-1.31E-4	-3.20E-4	-1.02E-4
	CC4	1.3405	-0.9983	-0.3864	-1.67E-4	-3.58E-4	1.43E-4
	CC5	-1.3474	1.0045	-0.1091	1.02E-4	4.05E-4	-1.18E-4
	CC6	-1.1692	0.6032	-0.1023	6.64E-5	3.68E-4	1.28E-4
	CC7	-1.4391	-0.4165	0.0075	-8.77E-5	4.00E-4	-3.07E-4
	CC8	-1.2609	-0.8178	0.0143	-1.23E-4	3.63E-4	-6.11E-5
	CC9	0.3182	2.8427	-0.5106	3.22E-4	-2.97E-5	5.33E-5
	CC10	0.7609	1.8461	-0.4938	2.33E-4	-1.23E-4	6.63E-4
	CC11	-0.4622	2.8969	-0.3904	3.35E-4	1.87E-4	-8.06E-6
	CC12	-0.0196	1.9003	-0.3735	2.46E-4	9.36E-5	6.02E-4
	CC13	0.0127	-1.8940	-0.1220	-3.11E-4	-4.60E-5	-5.77E-4
	CC14	0.4553	-2.8906	-0.1051	-4.00E-4	-1.39E-4	3.36E-5
	CC15	-0.7678	-1.8399	-0.0017	-2.98E-4	1.70E-4	-6.38E-4
	CC16	-0.3251	-2.8365	0.0151	-3.87E-4	7.72E-5	-2.78E-5

4.4.2 Verifica.

Tale verifica, controlla che gli spostamenti strutturali non producano danni tali da compromettere l'operatività della struttura. Gli spostamenti considerati sono relativi alle combinazioni di carico descritte nel paragrafo "Condizioni di carico valutate" della presente relazione.

Si riportano i dati della verifica:

Vx max : valore massimo della traslazione X globale dell'impalcato considerato;
Vy max : valore massimo della traslazione Y globale dell'impalcato considerato;
Vx min : valore minimo della traslazione X globale dell'impalcato considerato;
Vy min : valore minimo della traslazione Y globale dell'impalcato considerato;

Tabella 91.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
0	0.1349	0.1853	0.0824	0.2039
1	0.4953	0.5351	0.9990	1.4839
2	0.9193	0.9964	2.0693	3.1647
3	1.1933	1.3163	2.7823	4.4023
4	1.2588	1.4327	2.8498	2.9243

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

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

dove:

d_r : spostamento relativo tra due impalcati consecutivi;

h : altezza dell'impalcato;

Si riportano, quindi, i risultati della verifica:

Impalcati : impalcati relativi al piano considerato;
drx : traslazione relativa X globale del piano considerato;
dry : traslazione relativa Y globale del piano considerato;
h : altezza del piano considerato;

dlim : spostamento limite da normativa;
Esito : esito della verifica;

Tabella 91.III

Piano Reale	Impalcati	drx [cm]	dry [cm]	h [cm]	dlim [cm]	Esito
1	0 - 1	0.3603	1.2800	330.00	1.10	Non Verificato
2	1 - 2	0.4613	1.6808	335.00	1.12	Non Verificato
3	2 - 3	0.3200	1.2376	335.00	1.12	Non Verificato
4	3 - 4	0.1164	1.4781	304.26	1.01	Non Verificato

L'indicatore di rischio è dato dalla PGA (SLO) della struttura diviso per la PGA di riferimento.

$PGA_{SLO} = 0.1317$

$PGA_{Rif,SLO} = 0.1185$

Indicatore di rischio = 1.1111

La verifica all'SLO risulta soddisfatta.

5 ALLEGATI.

5.1 ALLEGATO A - (Scheda PGA)

Vita nominale

$V_N = 50$

Classe d'uso

Classe III

$C_u = 1.5$

Periodo di riferimento

$V_R = 75$

Pericolosità sismica di base

PARAMET RO	SLO (81%)	SLD (63%)	SLV (10%)	SLC (5%)
a_g	0.090	0.117	0.323	0.425
F_0	2.282	2.301	2.450	2.489
T_C^*	0.295	0.360	0.400	0.428
T_D	1.960	2.068	2.892	3.300

Categoria suolo di fondazione

	SLO (81%)	SLD (63%)	SLV (10%)	SLC (5%)
S_s	1.32	1.29	1.29	1.00
T_c	0.38	0.38	0.38	0.56

Coefficiente di amplificazione topografica

$St = 1.00$

Resistenza dei materiali.

- Calcestruzzo.

Nome = C16/20
Resistenza a compressione (f_{cd} [daN/cm²]) = 75.56
Resistenza a trazione (f_{ctd} [daN/cm²]) = 7.41
Resistenza a taglio (f_{ctd} [daN/cm²]) = 7.41
Modulo di elasticità normale (E [daN/cm²]) = 286079.03
Modulo di elasticità tangenziale (G [daN/cm²]) = 124382.19

- Acciaio in barre.

Nome = FeB 22
RESISTENZA (f_d [daN/cm²]) = 1870.00
Modulo di elasticità normale (E [daN/cm²]) = 2100000

Metodo di analisi

Orizzontale Dinamica Lineare

FaTA e-version - Vers 34.1.7

Fattore di comportamento per elementi fragili = 1.50
 Fattore di comportamento per elementi duttili = 3.00

Modellazione della struttura (Modello tridimensionale)

Direzione X
 Periodo [s] = 0.285
 Percentuale partecipazione delle masse = 87.2 %

Direzione Y
 Periodo [s] = 0.513
 Percentuale partecipazione delle masse = 87.4 %

Livelli di accelerazione al suolo per diversi SL

	PGA	Tr [anni]
Primo collasso a taglio (SLV)	0.0000 g	0
Primo collasso a taglio (SLC)	0.0000 g	0
Collasso di un nodo (SLV)	0.1289 g	55
Collasso di un nodo (SLC)	0.0500 g	30
Rot. risp. alla corda o ver. a fless. o pressofless. (SLV)	0.0645 g	30
Rot. risp. alla corda o ver. a fless. o pressofless. (SLC)	0.0500 g	30
Capacità limite del terreno di fondazione (SLV)	0.4254 g	754
Capacità limite del terreno di fondazione (SLC)	0.3300 g	754
Deformazione di danno (SLD)	0.1286 g	55
Deformazione di danno (SLO)	0.1317 g	55

VARIAZIONI MASSE RIGIDEZZE			
Impalcato	Rigidezza X [%]	Rigidezza Y [%]	Masse [%]
Piano 1	38.9	28.6	0.9
Piano 2	3.4	7.0	30.5
Piano 3	0.3	0.9	52.0
Piano 4	1485.5	1000.8	75.1

Max variazioni masse e rigidezze (par. 21F) = 1485.5 %

Valori di riferimento

PGA_{SLV} = 0.4163 g
 PGA_{SLC} = 0.4250 g
 PGA_{SLD} = 0.1505 g
 PGA_{SLO} = 0.1185 g

Tr_{SLV} = 712 anni
 Tr_{SLC} = 1462 anni
 Tr_{SLD} = 75 anni
 Tr_{SLO} = 45 anni

Indicatori di rischio

Stato Limite	Rapp. PGA	(Rapp. Tr) ^a
per la vita (α_{uv})	0.0000	0.0000
di collasso (α_{uc})	0.0000	0.0000
di inagibilità (α_{ud})	0.8547	0.8802
per l'operatività (α_{uo})	1.1111	1.0861

Riepilogo PGA

ag SLV = 0.0000g
 ag SLC = 0.0000g
 ag SLD = 0.1000g
 ag SLO = 0.1000g

PGA SLV = 0.0000g
 PGA SLC = 0.0000g
 PGA SLD = 0.1286g
 PGA SLO = 0.1317g

Tr SLV = 0 anni

Tr SLC = 0 anni
 Tr SLD = 55 anni
 Tr SLO = 55 anni

Valori PGA differenziati per elemento.

- Pilastri

Pilastro	Assa	Imp.	Filo	PGA				Indicatore di Rischio			
				SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	135	Piano 1	1	0.129g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
2	244	Piano 2	1	0.193g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
3	353	Piano 3	1	0.129g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors)	Non trovato	0.3096	-	0.1176	-
4	136	Piano 1	2	0.129g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
5	245	Piano 2	2	0.064g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors)	Non trovato	0.1548	-	0.1176	-
6	354	Piano 3	2	0.129g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors)	Non trovato	0.3096	-	0.1176	-
7	137	Piano 1	3	0.193g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
8	246	Piano 2	3	0.064g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors)	Non trovato	0.1548	-	0.1176	-
9	355	Piano 3	3	0.129g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors)	Non trovato	0.3096	-	0.1176	-
10	138	Piano 1	4	0.129g (PreFle, TaglioTors, Cap Def)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
11	247	Piano 2	4	0.193g (PreFle, TaglioTors)	Non trovato	0.100g (PreFle, TaglioTors)	Non trovato	0.4644	-	0.2353	-
12	356	Piano 3	4	0.258g (PreFle)	Non trovato	0.100g (PreFle, TaglioTors)	Non trovato	0.6192	-	0.2353	-
13	139	Piano 1	5	0.129g (PreFle, TaglioTors, Cap Def)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
14	248	Piano 2	5	0.322g (PreFle, TaglioTors)	Non trovato	0.100g (PreFle, TaglioTors, Cap Def)	Non trovato	0.7740	-	0.2353	-
15	357	Piano 3	5	0.258g (PreFle)	Non trovato	0.100g (PreFle, TaglioTors)	Non trovato	0.6192	-	0.2353	-
16	140	Piano 1	6	0.193g (PreFle, TaglioTors)	Non trovato	0.050g (PreFle, TaglioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
17	249	Piano 2	6	0.193g (PreFle, TaglioTors)	Non trovato	0.100g (PreFle, TaglioTors)	Non trovato	0.4644	-	0.2353	-

18	358	Piano 3	6	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
19	141	Piano 1	7	0.129g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
20	250	Piano 2	7	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
21	359	Piano 3	7	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
22	142	Piano 1	8	0.193g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
23	251	Piano 2	8	0.322g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.7740	-	0.2353	-
24	360	Piano 3	8	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
25	143	Piano 1	9	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
26	252	Piano 2	9	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
27	361	Piano 3	9	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
28	144	Piano 1	10	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
29	253	Piano 2	10	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
30	362	Piano 3	10	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
31	145	Piano 1	11	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
32	254	Piano 2	11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
33	363	Piano 3	11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
34	146	Piano 1	12	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
35	255	Piano 2	12	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
36	364	Piano 3	12	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
37	147	Piano 1	13	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
38	256	Piano 2	13	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
39	365	Piano 3	13	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
40	148	Piano 1	14	0.193g (PreFle, Tagl	Non trovato	0.100g (PreFle, Tagl	Non trovato	0.4644	-	0.2353	-

				ioTors, Cap Def)		ioTors, Cap Def)					
41	257	Piano 2	14	0.322g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.7740	-	0.2353	-
42	366	Piano 3	14	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
43	149	Piano 1	15	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.6192	-	0.2353	-
44	258	Piano 2	15	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
45	367	Piano 3	15	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
46	150	Piano 1	16	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
47	259	Piano 2	16	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
48	368	Piano 3	16	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
49	151	Piano 1	17	0.193g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
50	260	Piano 2	17	0.322g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.7740	-	0.3529	-
51	369	Piano 3	17	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
52	152	Piano 1	18	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.6192	-	0.2353	-
53	261	Piano 2	18	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
54	370	Piano 3	18	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
55	153	Piano 1	19	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
56	262	Piano 2	19	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
57	371	Piano 3	19	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
58	154	Piano 1	20	0.193g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
59	263	Piano 2	20	0.322g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.7740	-	0.3529	-
60	372	Piano 3	20	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
61	155	Piano 1	21	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.6192	-	0.2353	-

62	264	Piano 2	21	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
63	373	Piano 3	21	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
64	156	Piano 1	22	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
65	265	Piano 2	22	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
66	374	Piano 3	22	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
67	157	Piano 1	23	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
68	266	Piano 2	23	0.322g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.7740	-	0.2353	-
69	375	Piano 3	23	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
70	158	Piano 1	24	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.6192	-	0.2353	-
71	267	Piano 2	24	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
72	376	Piano 3	24	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.1176	-
73	159	Piano 1	25	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
74	268	Piano 2	25	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
75	377	Piano 3	25	0.193g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
76	422	Piano 4	25	0.129g (PreFle)	Non trovato	0.050g (PreFle, Cap Def)	Non trovato	0.3096	-	0.1176	-
77	160	Piano 1	26	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
78	269	Piano 2	26	0.322g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.3529	-
79	378	Piano 3	26	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
80	423	Piano 4	26	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
81	161	Piano 1	27	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
82	270	Piano 2	27	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
83	379	Piano 3	27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
84	424	Piano 4	27	0.193g (PreFle)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.1176	-
85	162	Piano 1	28	0.064g	Non trovato	0.050g	Non trovato	0.1548	-	0.1176	-

				(PreFle, Tagl ioTors)		(PreFle, Tagl ioTors)					
86	271	Piano 2	28	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
87	380	Piano 3	28	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
88	425	Piano 4	28	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.1176	-
89	163	Piano 1	29	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
90	272	Piano 2	29	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
91	381	Piano 3	29	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
92	426	Piano 4	29	0.258g (PreFle)	Non trovato	0.100g (PreFle)	Non trovato	0.6192	-	0.2353	-
93	164	Piano 1	30	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
94	273	Piano 2	30	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
95	382	Piano 3	30	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
96	427	Piano 4	30	0.387g (PreFle)	Non trovato	0.100g (PreFle)	Non trovato	0.9288	-	0.2353	-
97	165	Piano 1	31	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
98	274	Piano 2	31	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
99	383	Piano 3	31	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
100	428	Piano 4	31	0.387g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.9288	-	0.2353	-
101	166	Piano 1	32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
102	275	Piano 2	32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
103	384	Piano 3	32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
104	429	Piano 4	32	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
105	167	Piano 1	33	0.193g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
106	276	Piano 2	33	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
107	385	Piano 3	33	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
108	430	Piano 4	33	0.193g (PreFle)	Non trovato	0.100g (PreFle)	Non trovato	0.4644	-	0.2353	-
109	168	Piano 1	34	0.129g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.2353	-

110	277	Piano 2	34	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
111	386	Piano 3	34	0.322g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.2353	-
112	431	Piano 4	34	0.322g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.2353	-
113	169	Piano 1	35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
114	278	Piano 2	35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
115	387	Piano 3	35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
116	432	Piano 4	35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
117	170	Piano 1	36	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
118	279	Piano 2	36	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
119	388	Piano 3	36	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
120	433	Piano 4	36	0.193g (PreFle)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.1176	-
121	171	Piano 1	37	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
122	280	Piano 2	37	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
123	389	Piano 3	37	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
124	434	Piano 4	37	0.387g (PreFle)	Non trovato	0.100g (PreFle)	Non trovato	0.9288	-	0.2353	-
125	172	Piano 1	38	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.2353	-
126	281	Piano 2	38	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
127	390	Piano 3	38	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
128	435	Piano 4	38	0.193g (PreFle)	Non trovato	0.100g (PreFle)	Non trovato	0.4644	-	0.2353	-
129	173	Piano 1	39	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.4644	-	0.1176	-
130	282	Piano 2	39	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
131	391	Piano 3	39	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.1176	-
132	436	Piano 4	39	0.129g (PreFle)	Non trovato	0.050g (PreFle)	Non trovato	0.3096	-	0.1176	-
133	174	Piano 1	40	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors, Cap Def)	Non trovato	0.3096	-	0.1176	-
134	283	Piano 2	40	0.064g (PreFle, Tagl	Non trovato	0.050g (PreFle, Tagl	Non trovato	0.1548	-	0.1176	-

				ioTors)		ioTors)					
135	392	Piano 3	40	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
136	437	Piano 4	40	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
137	175	Piano 1	41	0.193g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.1176	-
138	284	Piano 2	41	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
139	393	Piano 3	41	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
140	438	Piano 4	41	0.322g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.2353	-
141	176	Piano 1	42	0.258g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
142	285	Piano 2	42	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
143	394	Piano 3	42	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
144	439	Piano 4	42	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-

- Travi

Cam p	Ast a	Imp.	Fili	PGA				Indicatore di Rischio			
				SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	68	Piano 1	1-2	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
2	69	Piano 1	1-4	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
3	70	Piano 1	2-3	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
4	71	Piano 1	2-5	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
5	72	Piano 1	3-6	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
6	73	Piano 1	4-5	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
7	74	Piano 1	4-7	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
8	75	Piano 1	5-6	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
9	76	Piano 1	5-8	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
10	77	Piano 1	6-9	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
11	78	Piano 1	7-8	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
12	79	Piano 1	7-10	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-

13	80	Piano 1	8-9	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
14	81	Piano 1	8-11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
15	82	Piano 1	9-12	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
16	83	Piano 1	10-11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
17	84	Piano 1	10-13	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
18	85	Piano 1	11-12	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
19	86	Piano 1	11-14	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
20	87	Piano 1	12-15	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
21	88	Piano 1	13-14	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
22	89	Piano 1	13-16	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
23	90	Piano 1	14-15	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
24	91	Piano 1	14-17	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
25	92	Piano 1	15-18	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
26	93	Piano 1	16-17	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
27	94	Piano 1	16-19	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
28	95	Piano 1	17-18	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
29	96	Piano 1	17-20	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
30	97	Piano 1	18-21	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
31	98	Piano 1	19-20	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
32	99	Piano 1	19-22	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
33	100	Piano 1	20-21	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
34	101	Piano 1	20-23	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
35	102	Piano 1	21-24	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
36	103	Piano 1	22-23	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
37	104	Piano 1	22-25	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-

38	105	Piano 1	23-24	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
39	106	Piano 1	23-26	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
40	107	Piano 1	24-27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
41	108	Piano 1	25-26	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
42	109	Piano 1	25-29	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
43	110	Piano 1	26-27	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
44	111	Piano 1	26-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
45	112	Piano 1	28-27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
46	113	Piano 1	27-31	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
47	114	Piano 1	32-28	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
48	115	Piano 1	29-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
49	116	Piano 1	29-33	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
50	117	Piano 1	30-31	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
51	118	Piano 1	30-34	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
52	119	Piano 1	31-32	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
53	120	Piano 1	31-35	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
54	121	Piano 1	36-32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
55	122	Piano 1	33-34	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
56	123	Piano 1	33-39	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
57	124	Piano 1	34-35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
58	125	Piano 1	34-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
59	126	Piano 1	35-36	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
60	127	Piano 1	35-37	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
61	128	Piano 1	38-36	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
62	129	Piano 1	37-38	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-

63	130	Piano 1	37-41	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
64	131	Piano 1	42-38	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
65	132	Piano 1	39-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
66	133	Piano 1	40-41	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
67	134	Piano 1	41-42	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
68	177	Piano 2	1-2	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
69	178	Piano 2	1-4	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
70	179	Piano 2	2-3	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
71	180	Piano 2	2-5	0.000g (PreFle, Tagl ioTors)	Non trovato	0.000g (PreFle, Tagl ioTors)	Non trovato	0.0000	-	0.0000	-
72	181	Piano 2	3-6	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
73	182	Piano 2	4-5	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
74	183	Piano 2	4-7	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
75	184	Piano 2	5-6	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
76	185	Piano 2	5-8	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
77	186	Piano 2	6-9	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
78	187	Piano 2	7-8	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
79	188	Piano 2	7-10	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
80	189	Piano 2	8-9	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
81	190	Piano 2	8-11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
82	191	Piano 2	9-12	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
83	192	Piano 2	10-11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
84	193	Piano 2	10-13	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
85	194	Piano 2	11-12	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
86	195	Piano 2	11-14	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
87	196	Piano 2	12-15	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-

88	197	Piano 2	13-14	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
89	198	Piano 2	13-16	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
90	199	Piano 2	14-15	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
91	200	Piano 2	14-17	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
92	201	Piano 2	15-18	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
93	202	Piano 2	16-17	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
94	203	Piano 2	16-19	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
95	204	Piano 2	17-18	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
96	205	Piano 2	17-20	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
97	206	Piano 2	18-21	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
98	207	Piano 2	19-20	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
99	208	Piano 2	19-22	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
100	209	Piano 2	20-21	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
101	210	Piano 2	20-23	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
102	211	Piano 2	21-24	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
103	212	Piano 2	22-23	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
104	213	Piano 2	22-25	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
105	214	Piano 2	23-24	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
106	215	Piano 2	23-26	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
107	216	Piano 2	24-27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
108	217	Piano 2	25-26	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
109	218	Piano 2	25-29	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
110	219	Piano 2	26-27	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
111	220	Piano 2	26-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
112	221	Piano 2	28-27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-

113	222	Piano 2	27-31	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
114	223	Piano 2	32-28	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
115	224	Piano 2	29-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
116	225	Piano 2	29-33	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
117	226	Piano 2	30-31	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
118	227	Piano 2	30-34	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
119	228	Piano 2	31-32	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
120	229	Piano 2	31-35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
121	230	Piano 2	36-32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
122	231	Piano 2	33-34	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
123	232	Piano 2	33-39	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
124	233	Piano 2	34-35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
125	234	Piano 2	34-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
126	235	Piano 2	35-36	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
127	236	Piano 2	35-37	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
128	237	Piano 2	38-36	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
129	238	Piano 2	37-38	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
130	239	Piano 2	37-41	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
131	240	Piano 2	42-38	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
132	241	Piano 2	39-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
133	242	Piano 2	40-41	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
134	243	Piano 2	41-42	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
135	286	Piano 3	1-2	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
136	287	Piano 3	1-4	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
137	288	Piano 3	2-3	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-

138	289	Piano 3	2-5	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
139	290	Piano 3	3-6	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
140	291	Piano 3	4-5	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
141	292	Piano 3	4-7	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
142	293	Piano 3	5-6	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
143	294	Piano 3	5-8	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
144	295	Piano 3	6-9	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
145	296	Piano 3	7-8	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
146	297	Piano 3	7-10	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
147	298	Piano 3	8-9	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
148	299	Piano 3	8-11	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
149	300	Piano 3	9-12	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
150	301	Piano 3	10-11	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
151	302	Piano 3	10-13	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
152	303	Piano 3	11-12	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
153	304	Piano 3	11-14	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
154	305	Piano 3	12-15	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
155	306	Piano 3	13-14	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
156	307	Piano 3	13-16	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
157	308	Piano 3	14-15	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
158	309	Piano 3	14-17	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
159	310	Piano 3	15-18	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
160	311	Piano 3	16-17	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
161	312	Piano 3	16-19	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
162	313	Piano 3	17-18	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-

163	314	Piano 3	17-20	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
164	315	Piano 3	18-21	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
165	316	Piano 3	19-20	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
166	317	Piano 3	19-22	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
167	318	Piano 3	20-21	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
168	319	Piano 3	20-23	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
169	320	Piano 3	21-24	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
170	321	Piano 3	22-23	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
171	322	Piano 3	22-25	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
172	323	Piano 3	23-24	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
173	324	Piano 3	23-26	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
174	325	Piano 3	24-27	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
175	326	Piano 3	25-26	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
176	327	Piano 3	25-29	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
177	328	Piano 3	26-27	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
178	329	Piano 3	26-30	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
179	330	Piano 3	28-27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
180	331	Piano 3	27-31	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
181	332	Piano 3	32-28	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
182	333	Piano 3	29-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
183	334	Piano 3	29-33	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
184	335	Piano 3	30-31	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
185	336	Piano 3	30-34	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
186	337	Piano 3	31-32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
187	338	Piano 3	31-35	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-

188	339	Piano 3	36-32	0.322g (PreFle, Tagl ioTors)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.5882	-
189	340	Piano 3	33-34	0.387g (PreFle)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	0.9288	-	0.5882	-
190	341	Piano 3	33-39	Non trovato	Non trovato	0.300g (TaglioTors)	Non trovato	-	-	0.7059	-
191	342	Piano 3	34-35	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
192	343	Piano 3	34-40	0.258g (TaglioTors)	Non trovato	0.200g (TaglioTors)	Non trovato	0.6192	-	0.4706	-
193	344	Piano 3	35-36	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
194	345	Piano 3	35-37	0.322g (PreFle, Tagl ioTors)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.5882	-
195	346	Piano 3	38-36	Non trovato	Non trovato	0.300g (PreFle, Tagl ioTors)	Non trovato	-	-	0.7059	-
196	347	Piano 3	37-38	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
197	348	Piano 3	37-41	0.387g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.9288	-	0.4706	-
198	349	Piano 3	42-38	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
199	350	Piano 3	39-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
200	351	Piano 3	40-41	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
201	352	Piano 3	41-42	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
202	395	Piano 4	25-26	0.322g (PreFle)	Non trovato	0.150g (PreFle)	Non trovato	0.7740	-	0.3529	-
203	396	Piano 4	25-29	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
204	397	Piano 4	26-27	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
205	398	Piano 4	26-30	0.387g (PreFle, Tagl ioTors)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	0.9288	-	0.5882	-
206	399	Piano 4	28-27	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
207	400	Piano 4	27-31	Non trovato	Non trovato	0.330g (PreFle)	Non trovato	-	-	0.7765	-
208	401	Piano 4	32-28	0.387g (PreFle)	Non trovato	0.250g (PreFle)	Non trovato	0.9288	-	0.5882	-
209	402	Piano 4	29-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
210	403	Piano 4	29-33	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
211	404	Piano 4	30-31	0.258g (PreFle)	Non trovato	0.150g (PreFle)	Non trovato	0.6192	-	0.3529	-
212	405	Piano 4	30-34	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
213	406	Piano 4	31-32	0.258g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.2353	-
214	407	Piano 4	31-35	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
215	408	Piano 4	36-32	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
216	409	Piano 4	33-34	Non trovato	Non trovato	0.300g (PreFle)	Non trovato	-	-	0.7059	-
217	410	Piano 4	33-39	0.425g (TaglioTors)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	1.0217	-	0.5882	-
218	411	Piano 4	34-35	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
219	412	Piano 4	34-40	0.387g	Non trovato	0.250g	Non trovato	0.9288	-	0.5882	-

				(TaglioTors)		(TaglioTors)					
220	413	Piano 4	35-36	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
221	414	Piano 4	35-37	0.425g (PreFle)	Non trovato	0.250g (PreFle)	Non trovato	1.0217	-	0.5882	-
222	415	Piano 4	38-36	Non trovato	Non trovato	Non trovato	Non trovato	-	-	-	-
223	416	Piano 4	37-38	0.258g (PreFle)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
224	417	Piano 4	37-41	0.387g (PreFle)	Non trovato	0.250g (PreFle)	Non trovato	0.9288	-	0.5882	-
225	418	Piano 4	42-38	0.387g (TaglioTors)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	0.9288	-	0.5882	-
226	419	Piano 4	39-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
227	420	Piano 4	40-41	Non trovato	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	-	-	0.3529	-
228	421	Piano 4	41-42	0.193g (PreFle)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
229	1	Fondazio ne	1-2	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
230	2	Fondazio ne	1-4	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
231	3	Fondazio ne	2-3	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
232	4	Fondazio ne	2-5	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
233	5	Fondazio ne	3-6	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
234	6	Fondazio ne	4-5	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
235	7	Fondazio ne	4-7	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
236	8	Fondazio ne	5-6	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
237	9	Fondazio ne	5-8	0.322g (PreFle, Tagl ioTors)	Non trovato	0.250g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.5882	-
238	10	Fondazio ne	6-9	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
239	11	Fondazio ne	7-8	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
240	12	Fondazio ne	7-10	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
241	13	Fondazio ne	8-9	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
242	14	Fondazio ne	8-11	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
243	15	Fondazio ne	9-12	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
244	16	Fondazio ne	10-11	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
245	17	Fondazio ne	10-13	0.258g (PreFle, Tagl	Non trovato	0.150g (PreFle, Tagl	Non trovato	0.6192	-	0.3529	-

				ioTors)		ioTors)					
246	18	Fondazio ne	11-12	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
247	19	Fondazio ne	11-14	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
248	20	Fondazio ne	12-15	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
249	21	Fondazio ne	13-14	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
250	22	Fondazio ne	13-16	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
251	23	Fondazio ne	14-15	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
252	24	Fondazio ne	14-17	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
253	25	Fondazio ne	15-18	0.322g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.3529	-
254	26	Fondazio ne	16-17	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
255	27	Fondazio ne	16-19	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
256	28	Fondazio ne	17-18	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
257	29	Fondazio ne	17-20	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
258	30	Fondazio ne	18-21	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
259	31	Fondazio ne	19-20	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
260	32	Fondazio ne	19-22	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
261	33	Fondazio ne	20-21	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
262	34	Fondazio ne	20-23	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
263	35	Fondazio ne	21-24	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
264	36	Fondazio ne	22-23	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
265	37	Fondazio ne	22-25	0.258g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.4706	-
266	38	Fondazio ne	23-24	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
267	39	Fondazio ne	23-26	0.258g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.4706	-
268	40	Fondazio ne	24-27	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
269	41	Fondazio ne	25-26	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
270	42	Fondazio ne	25-29	0.258g (PreFle, Tagl	Non trovato	0.150g (PreFle, Tagl	Non trovato	0.6192	-	0.3529	-

				ioTors)		ioTors)					
271	43	Fondazio ne	26-27	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
272	44	Fondazio ne	26-30	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
273	45	Fondazio ne	28-27	0.129g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.1176	-
274	46	Fondazio ne	27-31	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
275	47	Fondazio ne	32-28	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
276	48	Fondazio ne	29-30	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
277	49	Fondazio ne	29-33	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
278	50	Fondazio ne	30-31	0.258g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.6192	-	0.3529	-
279	51	Fondazio ne	30-34	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
280	52	Fondazio ne	31-32	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
281	53	Fondazio ne	31-35	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
282	54	Fondazio ne	36-32	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
283	55	Fondazio ne	33-34	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
284	56	Fondazio ne	33-39	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
285	57	Fondazio ne	34-35	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
286	58	Fondazio ne	34-40	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
287	59	Fondazio ne	35-36	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
288	60	Fondazio ne	35-37	0.129g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.3096	-	0.2353	-
289	61	Fondazio ne	38-36	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
290	62	Fondazio ne	37-38	0.193g (PreFle, Tagl ioTors)	Non trovato	0.100g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.2353	-
291	63	Fondazio ne	37-41	0.322g (PreFle, Tagl ioTors)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
292	64	Fondazio ne	42-38	0.322g (PreFle)	Non trovato	0.200g (PreFle, Tagl ioTors)	Non trovato	0.7740	-	0.4706	-
293	65	Fondazio ne	39-40	0.064g (PreFle, Tagl ioTors)	Non trovato	0.050g (PreFle, Tagl ioTors)	Non trovato	0.1548	-	0.1176	-
294	66	Fondazio ne	40-41	0.193g (PreFle, Tagl ioTors)	Non trovato	0.150g (PreFle, Tagl ioTors)	Non trovato	0.4644	-	0.3529	-
295	67	Fondazio ne	41-42	0.193g (PreFle, Tagl	Non trovato	0.100g (PreFle, Tagl	Non trovato	0.4644	-	0.2353	-

				ioTors)		ioTors)					
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- Nodi Strutturali

Nodo	Imp.	Filo	PGA				Indicatore di Rischio			
			SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	Fondazione	1	Non trovato		Non eseguita	Non eseguita	-	-	-	-
2	Fondazione	2	Non trovato		Non eseguita	Non eseguita	-	-	-	-
3	Fondazione	3	Non trovato		Non eseguita	Non eseguita	-	-	-	-
4	Fondazione	4	Non trovato		Non eseguita	Non eseguita	-	-	-	-
5	Fondazione	5	Non trovato		Non eseguita	Non eseguita	-	-	-	-
6	Fondazione	6	Non trovato		Non eseguita	Non eseguita	-	-	-	-
7	Fondazione	7	Non trovato		Non eseguita	Non eseguita	-	-	-	-
8	Fondazione	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-
9	Fondazione	9	Non trovato		Non eseguita	Non eseguita	-	-	-	-
10	Fondazione	10	Non trovato		Non eseguita	Non eseguita	-	-	-	-
11	Fondazione	11	Non trovato		Non eseguita	Non eseguita	-	-	-	-
12	Fondazione	12	Non trovato		Non eseguita	Non eseguita	-	-	-	-
13	Fondazione	13	Non trovato		Non eseguita	Non eseguita	-	-	-	-
14	Fondazione	14	Non trovato		Non eseguita	Non eseguita	-	-	-	-
15	Fondazione	15	Non trovato		Non eseguita	Non eseguita	-	-	-	-
16	Fondazione	16	Non trovato		Non eseguita	Non eseguita	-	-	-	-
17	Fondazione	17	Non trovato		Non eseguita	Non eseguita	-	-	-	-
18	Fondazione	18	Non trovato		Non eseguita	Non eseguita	-	-	-	-
19	Fondazione	19	Non trovato		Non eseguita	Non eseguita	-	-	-	-
20	Fondazione	20	Non trovato		Non eseguita	Non eseguita	-	-	-	-
21	Fondazione	21	Non trovato		Non eseguita	Non eseguita	-	-	-	-
22	Fondazione	22	Non trovato		Non eseguita	Non eseguita	-	-	-	-
23	Fondazione	23	Non trovato		Non eseguita	Non eseguita	-	-	-	-
24	Fondazione	24	Non trovato		Non eseguita	Non eseguita	-	-	-	-
25	Fondazione	25	Non trovato		Non eseguita	Non eseguita	-	-	-	-
26	Fondazione	26	Non trovato		Non eseguita	Non eseguita	-	-	-	-
27	Fondazione	27	Non trovato		Non eseguita	Non eseguita	-	-	-	-
28	Fondazione	28	Non trovato		Non eseguita	Non eseguita	-	-	-	-
29	Fondazione	29	Non trovato		Non eseguita	Non eseguita	-	-	-	-
30	Fondazione	30	Non trovato		Non eseguita	Non eseguita	-	-	-	-
31	Fondazione	31	Non trovato		Non eseguita	Non eseguita	-	-	-	-
32	Fondazione	32	Non trovato		Non eseguita	Non eseguita	-	-	-	-
33	Fondazione	33	Non trovato		Non eseguita	Non eseguita	-	-	-	-

34	Fondazione	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
35	Fondazione	35	Non trovato		Non eseguita	Non eseguita	-	-	-	-
36	Fondazione	36	Non trovato		Non eseguita	Non eseguita	-	-	-	-
37	Fondazione	37	Non trovato		Non eseguita	Non eseguita	-	-	-	-
38	Fondazione	38	Non trovato		Non eseguita	Non eseguita	-	-	-	-
39	Fondazione	39	Non trovato		Non eseguita	Non eseguita	-	-	-	-
40	Fondazione	40	Non trovato		Non eseguita	Non eseguita	-	-	-	-
41	Fondazione	41	Non trovato		Non eseguita	Non eseguita	-	-	-	-
42	Fondazione	42	Non trovato		Non eseguita	Non eseguita	-	-	-	-
43	Piano 1	1	Non trovato		0.250g (Nodo)		-	-	0.5882	-
44	Piano 1	2	0.425g (Nodo)		0.250g (Nodo)		1.0217	-	0.5882	-
45	Piano 1	3	0.258g (Nodo)		0.150g (Nodo)		0.6192	-	0.3529	-
46	Piano 1	4	Non trovato		Non eseguita	Non eseguita	-	-	-	-
47	Piano 1	5	Non trovato		Non eseguita	Non eseguita	-	-	-	-
48	Piano 1	6	Non trovato		0.300g (Nodo)		-	-	0.7059	-
49	Piano 1	7	Non trovato		Non eseguita	Non eseguita	-	-	-	-
50	Piano 1	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-
51	Piano 1	9	Non trovato		0.250g (Nodo)		-	-	0.5882	-
52	Piano 1	10	Non trovato		0.300g (Nodo)		-	-	0.7059	-
53	Piano 1	11	Non trovato		0.300g (Nodo)		-	-	0.7059	-
54	Piano 1	12	0.258g (Nodo)		0.200g (Nodo)		0.6192	-	0.4706	-
55	Piano 1	13	Non trovato		Non eseguita	Non eseguita	-	-	-	-
56	Piano 1	14	Non trovato		Non eseguita	Non eseguita	-	-	-	-
57	Piano 1	15	Non trovato		Non eseguita	Non eseguita	-	-	-	-
58	Piano 1	16	Non trovato		Non eseguita	Non eseguita	-	-	-	-
59	Piano 1	17	Non trovato		Non eseguita	Non eseguita	-	-	-	-
60	Piano 1	18	Non trovato		0.330g (Nodo)		-	-	0.7765	-
61	Piano 1	19	Non trovato		Non eseguita	Non eseguita	-	-	-	-
62	Piano 1	20	Non trovato		Non eseguita	Non eseguita	-	-	-	-
63	Piano 1	21	Non trovato		Non eseguita	Non eseguita	-	-	-	-
64	Piano 1	22	Non trovato		Non eseguita	Non eseguita	-	-	-	-
65	Piano 1	23	Non trovato		Non eseguita	Non eseguita	-	-	-	-
66	Piano 1	24	Non trovato		Non eseguita	Non eseguita	-	-	-	-
67	Piano 1	25	Non trovato		Non eseguita	Non eseguita	-	-	-	-
68	Piano 1	26	Non trovato		Non eseguita	Non eseguita	-	-	-	-
69	Piano 1	27	Non trovato		Non eseguita	Non eseguita	-	-	-	-
70	Piano 1	28	Non trovato		Non eseguita	Non eseguita	-	-	-	-
71	Piano 1	29	Non trovato		Non eseguita	Non eseguita	-	-	-	-
72	Piano 1	30	Non trovato		Non eseguita	Non eseguita	-	-	-	-
73	Piano 1	31	Non trovato		0.330g (Nodo)		-	-	0.7765	-
74	Piano 1	32	Non trovato		Non eseguita	Non eseguita	-	-	-	-
75	Piano 1	33	Non trovato		Non eseguita	Non eseguita	-	-	-	-
76	Piano 1	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
77	Piano 1	35	Non trovato		Non eseguita	Non eseguita	-	-	-	-
78	Piano 1	36	Non trovato		Non eseguita	Non eseguita	-	-	-	-
79	Piano 1	37	0.193g (Nodo)		0.150g (Nodo)		0.4644	-	0.3529	-
80	Piano 1	38	0.258g (Nodo)		0.200g (Nodo)		0.6192	-	0.4706	-
81	Piano 1	39	Non trovato		Non eseguita	Non eseguita	-	-	-	-
82	Piano 1	40	Non trovato		Non eseguita	Non eseguita	-	-	-	-
83	Piano 1	41	Non trovato		0.330g (Nodo)		-	-	0.7765	-
84	Piano 1	42	Non trovato		Non eseguita	Non eseguita	-	-	-	-
85	Piano 2	1	Non trovato		0.300g		-	-	0.7059	-

					(Nodo)					
86	Piano 2	2	Non trovato		Non eseguita	Non eseguita	-	-	-	-
87	Piano 2	3	Non trovato		Non eseguita	Non eseguita	-	-	-	-
88	Piano 2	4	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
89	Piano 2	5	Non trovato		Non eseguita	Non eseguita	-	-	-	-
90	Piano 2	6	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
91	Piano 2	7	0.129g (Nodo)		0.300g (Nodo)		0.3096	-	0.7059	-
92	Piano 2	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-
93	Piano 2	9	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
94	Piano 2	10	0.129g (Nodo)		Non eseguita	Non eseguita	0.3096	-	-	-
95	Piano 2	11	Non trovato		Non eseguita	Non eseguita	-	-	-	-
96	Piano 2	12	0.129g (Nodo)		Non eseguita	Non eseguita	0.3096	-	-	-
97	Piano 2	13	0.129g (Nodo)		Non eseguita	Non eseguita	0.3096	-	-	-
98	Piano 2	14	Non trovato		Non eseguita	Non eseguita	-	-	-	-
99	Piano 2	15	0.129g (Nodo)		0.150g (Nodo)		0.3096	-	0.3529	-
100	Piano 2	16	0.129g (Nodo)		0.150g (Nodo)		0.3096	-	0.3529	-
101	Piano 2	17	Non trovato		Non eseguita	Non eseguita	-	-	-	-
102	Piano 2	18	0.258g (Nodo)		0.150g (Nodo)		0.6192	-	0.3529	-
103	Piano 2	19	0.129g (Nodo)		0.150g (Nodo)		0.3096	-	0.3529	-
104	Piano 2	20	Non trovato		Non eseguita	Non eseguita	-	-	-	-
105	Piano 2	21	0.193g (Nodo)		0.150g (Nodo)		0.4644	-	0.3529	-
106	Piano 2	22	0.129g (Nodo)		0.150g (Nodo)		0.3096	-	0.3529	-
107	Piano 2	23	Non trovato		Non eseguita	Non eseguita	-	-	-	-
108	Piano 2	24	0.129g (Nodo)		Non eseguita	Non eseguita	0.3096	-	-	-
109	Piano 2	25	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
110	Piano 2	26	Non trovato		Non eseguita	Non eseguita	-	-	-	-
111	Piano 2	27	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
112	Piano 2	28	Non trovato		0.300g (Nodo)		-	-	0.7059	-
113	Piano 2	29	Non trovato		Non eseguita	Non eseguita	-	-	-	-
114	Piano 2	30	Non trovato		0.300g (Nodo)		-	-	0.7059	-
115	Piano 2	31	Non trovato		0.300g (Nodo)		-	-	0.7059	-
116	Piano 2	32	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
117	Piano 2	33	Non trovato		Non eseguita	Non eseguita	-	-	-	-
118	Piano 2	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
119	Piano 2	35	Non trovato		Non eseguita	Non eseguita	-	-	-	-
120	Piano 2	36	0.322g (Nodo)		0.200g (Nodo)		0.7740	-	0.4706	-
121	Piano 2	37	0.193g (Nodo)		0.100g (Nodo)		0.4644	-	0.2353	-
122	Piano 2	38	0.129g (Nodo)		0.050g (Nodo)		0.3096	-	0.1176	-
123	Piano 2	39	Non trovato		Non eseguita	Non eseguita	-	-	-	-
124	Piano 2	40	Non trovato		Non eseguita	Non eseguita	-	-	-	-
125	Piano 2	41	Non trovato		Non eseguita	Non eseguita	-	-	-	-
126	Piano 2	42	0.322g (Nodo)		0.150g (Nodo)		0.7740	-	0.3529	-
127	Piano 3	1	Non trovato		0.300g (Nodo)		-	-	0.7059	-
128	Piano 3	2	Non trovato		Non eseguita	Non eseguita	-	-	-	-
129	Piano 3	3	Non trovato		0.330g (Nodo)		-	-	0.7765	-
130	Piano 3	4	0.258g (Nodo)		Non eseguita	Non eseguita	0.6192	-	-	-
131	Piano 3	5	Non trovato		Non eseguita	Non eseguita	-	-	-	-

132	Piano 3	6	0.258g (Nodo)		Non eseguita	Non eseguita	0.6192	-	-	-
133	Piano 3	7	0.258g (Nodo)		0.150g (Nodo)		0.6192	-	0.3529	-
134	Piano 3	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-
135	Piano 3	9	Non trovato		Non eseguita	Non eseguita	-	-	-	-
136	Piano 3	10	Non trovato		Non eseguita	Non eseguita	-	-	-	-
137	Piano 3	11	Non trovato		Non eseguita	Non eseguita	-	-	-	-
138	Piano 3	12	Non trovato		0.330g (Nodo)		-	-	0.7765	-
139	Piano 3	13	0.322g (Nodo)		0.150g (Nodo)		0.7740	-	0.3529	-
140	Piano 3	14	Non trovato		Non eseguita	Non eseguita	-	-	-	-
141	Piano 3	15	Non trovato		Non eseguita	Non eseguita	-	-	-	-
142	Piano 3	16	0.322g (Nodo)		0.150g (Nodo)		0.7740	-	0.3529	-
143	Piano 3	17	Non trovato		Non eseguita	Non eseguita	-	-	-	-
144	Piano 3	18	Non trovato		Non eseguita	Non eseguita	-	-	-	-
145	Piano 3	19	0.322g (Nodo)		0.150g (Nodo)		0.7740	-	0.3529	-
146	Piano 3	20	Non trovato		Non eseguita	Non eseguita	-	-	-	-
147	Piano 3	21	Non trovato		Non eseguita	Non eseguita	-	-	-	-
148	Piano 3	22	0.322g (Nodo)		0.200g (Nodo)		0.7740	-	0.4706	-
149	Piano 3	23	Non trovato		Non eseguita	Non eseguita	-	-	-	-
150	Piano 3	24	0.193g (Nodo)		Non eseguita	Non eseguita	0.4644	-	-	-
151	Piano 3	25	0.129g (Nodo)		0.050g (Nodo)		0.3096	-	0.1176	-
152	Piano 3	26	Non trovato		Non eseguita	Non eseguita	-	-	-	-
153	Piano 3	27	0.129g (Nodo)		0.100g (Nodo)		0.3096	-	0.2353	-
154	Piano 3	28	Non trovato		0.250g (Nodo)		-	-	0.5882	-
155	Piano 3	29	Non trovato		0.300g (Nodo)		-	-	0.7059	-
156	Piano 3	30	0.258g (Nodo)		0.100g (Nodo)		0.6192	-	0.2353	-
157	Piano 3	31	0.258g (Nodo)		0.150g (Nodo)		0.6192	-	0.3529	-
158	Piano 3	32	0.258g (Nodo)		0.150g (Nodo)		0.6192	-	0.3529	-
159	Piano 3	33	0.425g (Nodo)		0.300g (Nodo)		1.0217	-	0.7059	-
160	Piano 3	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
161	Piano 3	35	Non trovato		0.300g (Nodo)		-	-	0.7059	-
162	Piano 3	36	0.322g (Nodo)		0.100g (Nodo)		0.7740	-	0.2353	-
163	Piano 3	37	0.258g (Nodo)		0.100g (Nodo)		0.6192	-	0.2353	-
164	Piano 3	38	0.193g (Nodo)		0.100g (Nodo)		0.4644	-	0.2353	-
165	Piano 3	39	0.193g (Nodo)		0.100g (Nodo)		0.4644	-	0.2353	-
166	Piano 3	40	0.193g (Nodo)		0.100g (Nodo)		0.4644	-	0.2353	-
167	Piano 3	41	0.322g (Nodo)		0.150g (Nodo)		0.7740	-	0.3529	-
168	Piano 3	42	0.258g (Nodo)		0.100g (Nodo)		0.6192	-	0.2353	-
169	Piano 4	25	0.129g (Nodo)		0.050g (Nodo)		0.3096	-	0.1176	-
170	Piano 4	26	Non trovato		Non eseguita	Non eseguita	-	-	-	-
171	Piano 4	27	0.425g (Nodo)		0.150g (Nodo)		1.0217	-	0.3529	-
172	Piano 4	28	Non trovato		0.200g (Nodo)		-	-	0.4706	-
173	Piano 4	29	Non trovato		0.300g (Nodo)		-	-	0.7059	-
174	Piano 4	30	Non trovato		0.300g (Nodo)		-	-	0.7059	-
175	Piano 4	31	Non trovato		Non eseguita	Non eseguita	-	-	-	-
176	Piano 4	32	Non trovato		0.150g		-	-	0.3529	-

					(Nodo)					
177	Piano 4	33	0.322g (Nodo)		0.250g (Nodo)		0.7740	-	0.5882	-
178	Piano 4	34	Non trovato		Non eseguita	Non eseguita	-	-	-	-
179	Piano 4	35	Non trovato		0.300g (Nodo)		-	-	0.7059	-
180	Piano 4	36	0.425g (Nodo)		0.150g (Nodo)		1.0217	-	0.3529	-
181	Piano 4	37	0.425g (Nodo)		0.150g (Nodo)		1.0217	-	0.3529	-
182	Piano 4	38	0.258g (Nodo)		0.150g (Nodo)		0.6192	-	0.3529	-
183	Piano 4	39	0.193g (Nodo)		0.100g (Nodo)		0.4644	-	0.2353	-
184	Piano 4	40	Non trovato		0.250g (Nodo)		-	-	0.5882	-
185	Piano 4	41	Non trovato		Non eseguita	Non eseguita	-	-	-	-
186	Piano 4	42	0.387g (Nodo)		0.100g (Nodo)		0.9288	-	0.2353	-

5.2 ALLEGATO B - (Scheda Sintetica NTC).

DESCRIZIONE GENERALE DELL'OPERA

Oggetto : Lavori di Adeguamento Sismico e Funzionale degli
Impiantidell'Edificio Comunale Scolastico "F. Mastroianni"

CRITERI GENERALI DI VERIFICA E RIFERIMENTI NORMATIVI

Normativa : D.M. 17/01/2018 "Norme Tecniche per le Costruzioni"
Struttura : Esistente
Vita nominale : 50
Tipo di opera : Opere ordinarie
Classe d'uso : III
Vita di riferimento : 75
Approccio Verifiche GEO : Approccio 2

Analisi dei Carichi

Peso dei materiali strutturali:

b - Calcestruzzo

C16/20 - Peso Specifico 2500.00 daN/m³

Pesi propri unitari - G1:

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]
Fondazione	-	-	-
Piano 1	277	-	-
Piano 2	277	-	-
Piano 3	277	-	-
Piano 4	277	-	-

- Analisi dei Carichi -

Piano 1

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta 16.0 cm
Larghezza pignatta 25.0 cm
Larghezza travetto 8.0 cm
Altezza solettina collaborante 4.0 cm
Peso dell'unità di volume calcestruzzo armato 2500.0 daN/m³
Peso Pignatte 80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Piano 2

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta 16.0 cm
Larghezza pignatta 25.0 cm
Larghezza travetto 8.0 cm
Altezza solettina collaborante 4.0 cm
Peso dell'unità di volume calcestruzzo armato 2500.0 daN/m³
Peso Pignatte 80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Piano 3

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta	16.0 cm
Larghezza pignatta	25.0 cm
Larghezza travetto	8.0 cm
Altezza soletta collaborante	4.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Piano 4

Solai

Tipologia solaio prevalente: SLC_Default(LATERO CEMENTO)

Altezza pignatta	16.0 cm
Larghezza pignatta	25.0 cm
Larghezza travetto	8.0 cm
Altezza soletta collaborante	4.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m³
Peso Pignatte	80.0 daN/m²

Peso Proprio Solaio: 277 daN/m²

Carichi Permanenti - G2:

CARICHI PERMANENTI NON STRUTTURALI – Piano 1-2

-Massetto: $1.00 \times 1.00 \times 0.04 \times 2500 = 100$ daN/mq
 -Pavimento: $1.00 \times 1.00 \times 0.02 \times 2000 = 40$ daN/mq
 -Intonaco: $1.00 \times 1.00 \times 0.01 \times 1600 = 16$ daN/mq
 TOTALE (per eccesso): 160 daN/mq

CARICHI PERMANENTI NON STRUTTURALI – Piano 3-4

- Carico Neve = 142,66 daN/mq
 - Copertura non praticabile = 50 daN/mq

TOTALE (per eccesso) : 200 daN/mq

Impalcato	Solai [daN/m²]	Balconi [daN/m²]	Scale [daN/m²]	Influenza Tramezzi [daN/m²]	Tamponature [daN/m]
Fondazione	100	100	100	100	582
Piano 1	160	100	100	100	582
Piano 2	160	100	100	100	582
Piano 3	200	100	100	100	582
Piano 4	200	100	100	0	0

- Analisi dei Carichi -

Fondazione

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 (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m ³
Mattone forato	8.0 cm	600.0 daN/m ³
Camera d'aria	4.0 cm	0.0 daN/m ³
Isolante termico	4.0 cm	150.0 daN/m ³
Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

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

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 (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m ³
Mattone forato	8.0 cm	600.0 daN/m ³
Camera d'aria	4.0 cm	0.0 daN/m ³
Isolante termico	4.0 cm	150.0 daN/m ³
Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

Piano 2

Solai

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

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 (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m ³
Mattone forato	8.0 cm	600.0 daN/m ³
Camera d'aria	4.0 cm	0.0 daN/m ³
Isolante termico	4.0 cm	150.0 daN/m ³
Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

Piano 3

Solai

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

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 (D.M. 17/01/2018)

Piano 4

Solai

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

Carichi Variabili - Q:

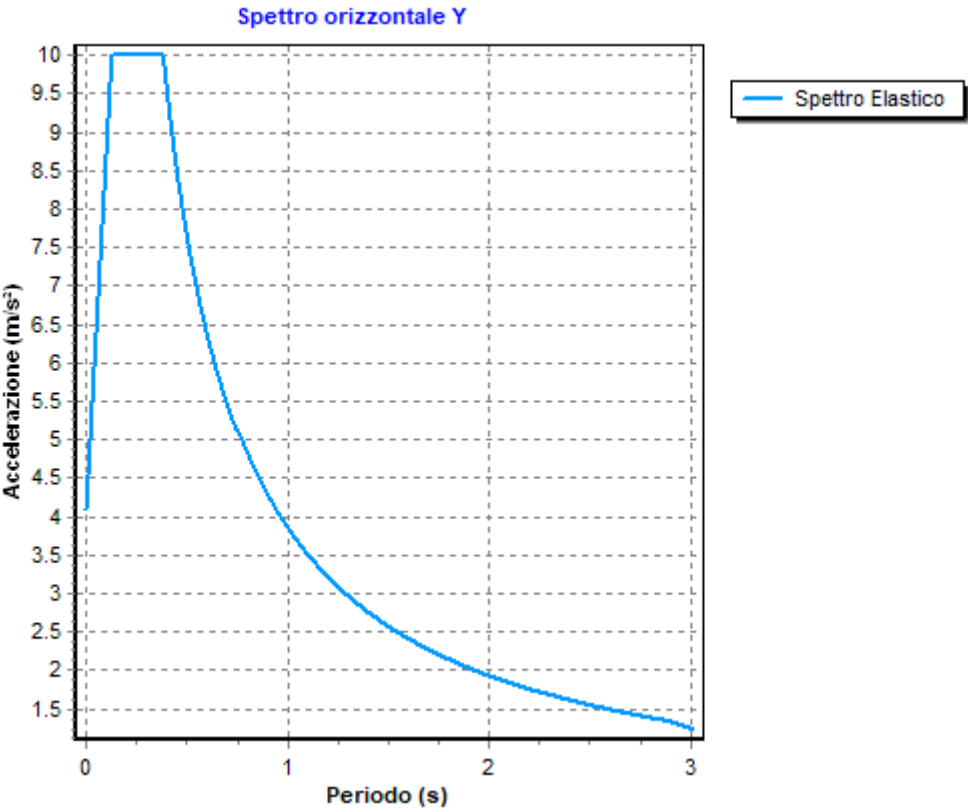
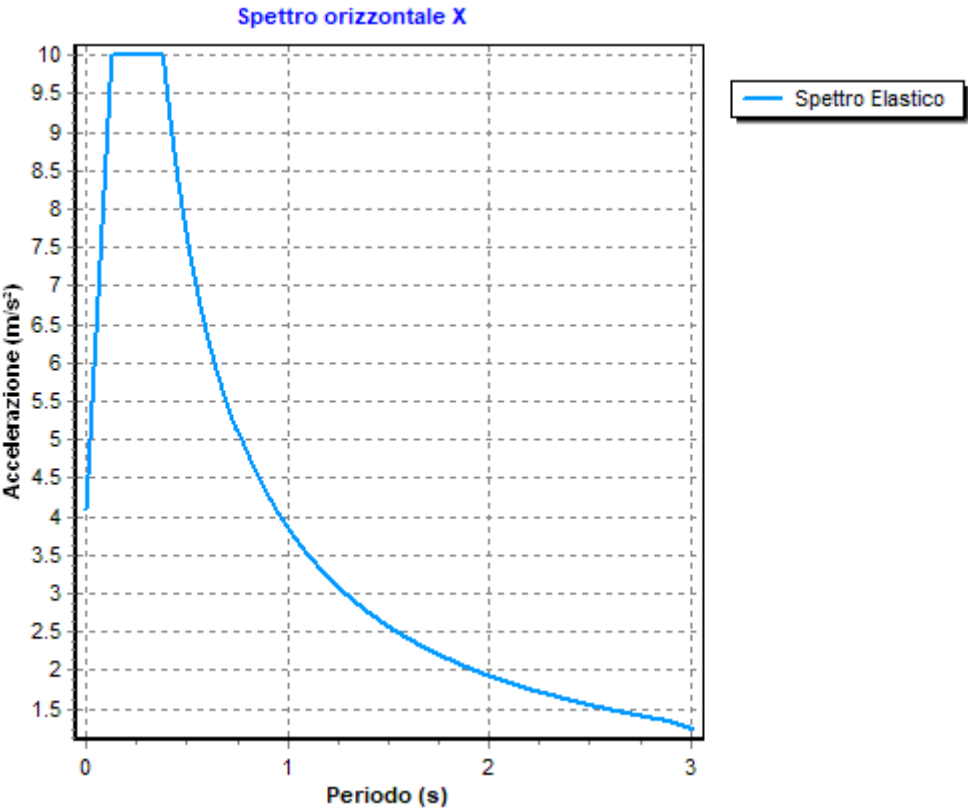
Le intensità assunte per i carichi variabili verticali ripartiti sono riportate nella seguente tabella:

Impalcato	Carichi d'esercizio [daN/m²]		
	Solai	Balconi	Scale
Fondazione	200	400	400
Piano 1	300	400	400
Piano 2	300	400	400
Piano 3	200	400	400
Piano 4	200	400	400

Azione Sismica

Comune : Platania
 Latitudine : 39.0033°
 Longitudine : 16.3197°
 Suolo di fondazione : B
 Categoria topografica : T1
 Coeff. smorz. viscoso : 0.05

	Parametri dello spettro di risposta orizzontale			
	SLV	SLC	SLD	SLO
Tempo di ritorno	712	1462	75	45
Accelerazione sismica	0.323	0.425	0.117	0.090
Coefficiente Fo	2.450	2.489	2.301	2.282
Periodo T _C *	0.400	0.428	0.360	0.295
Coefficiente S _s	1.29	1.00	1.29	1.32
Coefficiente di amplificazione topografica S _t	1.00	1.00	1.00	1.00
Prodotto S _s · S _t	1.29	1.00	1.29	1.32
Periodo T _B	0.13	0.19	0.13	0.13
Periodo T _C	0.38	0.56	0.38	0.38
Periodo T _D	2.89	3.30	2.07	1.96



Fattore di comportamento elementi fragili : 1.50
 Fattore di comportamento elementi duttili : 3.00

RIEPILOGO MODI DI VIBRARE

Sisma X SLV - Sisma X SLD - Sisma X SLC - Sisma X SLO - Sisma Y SLV - Sisma Y SLD - Sisma Y SLC - Sisma Y SLO

Periodo [s]	Gamma	Coeff. _{MasseX}	Coeff. _{MasseY}	Coeff. _{MasseZ}	Coeff. _{MasseRX}	Coeff. _{MasseRY}	Coeff. _{MasseRZ}
0.513	-38.35	0.02	69.87	0.00	0.00	0.00	1.56
0.285	40.22	76.87	0.02	0.00	0.00	0.00	0.05
0.150	-16.07	0.01	12.27	0.00	0.00	0.00	0.39
0.095	14.72	10.30	0.00	16.18	0.00	0.00	0.12
0.050	10.48	0.00	5.21	0.00	0.00	0.00	0.01

VERIFICHE SLD : ESEGUITA

Tipo verifica : Per impalcato

Valore limite drp : 0.0050

VERIFICHE SLO : ESEGUITE

MATERIALI

Materiale	Tipo	Classe	Normativa
C16/20	Calcestruzzo	C16/20	-
FeB 22	Acciaio per C.A.	Utente	-

TIPO DI ANALISI SVOLTA:

ANALISI ORIZZONTALE DINAMICA LINEARE

ORIGINE E CARATTERISTICHE DEI CODICI DI CALCOLO

Titolo : FaTA e-version
 Autore : Stacec s.r.l.
 Produttore : Stacec s.r.l.
 Versione : 34.1.7
 Numero di licenza : S/2109-D/2327
 Intestata a : Raso Ing. Pietro

5.3 ALLEGATO C - (Pericolosità sismica di base)

Coordinate (Datum ED50) del sito : Latitudine = 39.0033° - Longitudine = 16.3197°



Identificativi e coordinate (Datum ED50) dei punti che includono il sito														
Punto	Lat. [°]	Long. [°]	SLV			SLC			SLD			SLO		
			Acc. sismica	Coeff. Fo	Period o Tc*	Acc. sismica	Coeff. Fo	Period o Tc*	Acc. sismica	Coeff. Fo	Period o Tc*	Acc. sismica	Coeff. Fo	Period o Tc*
41003	39.0486	16.3194	0.329	2.451	0.396	0.433	2.490	0.429	0.119	2.304	0.318	0.091	2.283	0.295
41004	39.0470	16.3837	0.331	2.454	0.396	0.435	2.494	0.429	0.120	2.302	0.318	0.092	2.284	0.295
41225	38.9987	16.3173	0.329	2.450	0.395	0.433	2.489	0.428	0.119	2.301	0.318	0.091	2.281	0.295
41226	38.9970	16.3815	0.330	2.452	0.395	0.434	2.491	0.428	0.120	2.298	0.317	0.092	2.283	0.295

I valori dei parametri p (ag , Fo , Tc^*) di interesse per la definizione dell'azione sismica di progetto sono stati calcolati come media pesata dei valori assunti da tali parametri nei quattro vertici della maglia elementare del *reticolo di riferimento* contenente il punto in esame, utilizzando come pesi gli inversi delle distanze tra il punto in questione ed i quattro vertici, attraverso la seguente espressione:

$$p = \sum_{(i=1..4)} [p_i / d_i] / \sum_{(i=1..4)} [1 / d_i]$$

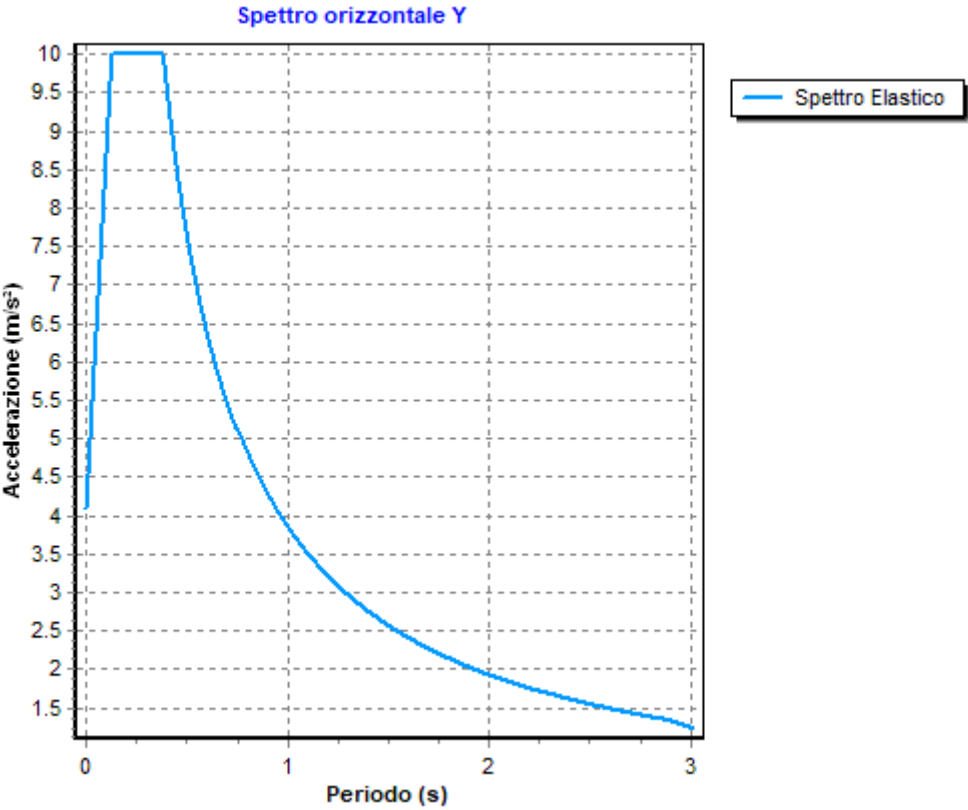
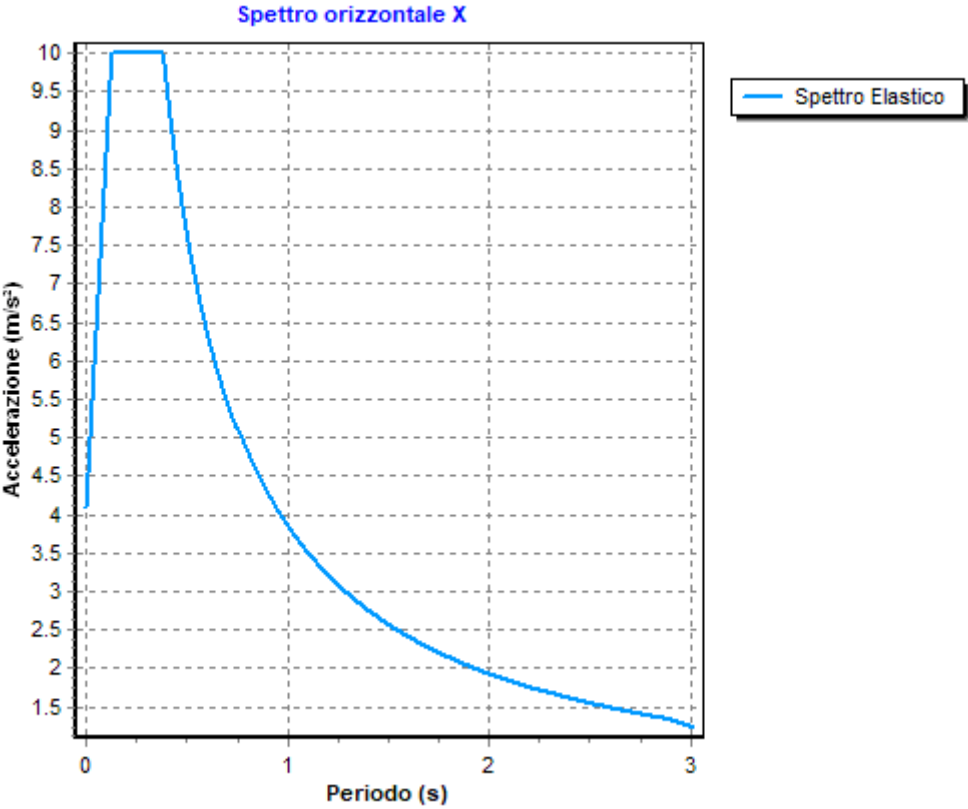
nella quale:

p : valore del parametro di interesse nel punto in esame;

p_i : valore del parametro di interesse nell' i -esimo punto della maglia elementare contenente il punto in esame;

d_i : è la distanza del punto in esame dall' i -esimo punto della maglia suddetta.

	Parametri dello spettro di risposta orizzontale			
	SLV	SLC	SLD	SLO
Tempo di ritorno	712	1462	75	45
Accelerazione sismica	0.323	0.425	0.117	0.090
Coefficiente Fo	2.450	2.489	2.301	2.282
Periodo T_c^*	0.400	0.428	0.360	0.295



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