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PIANO NAZIONALE DI RIPRESA E RESILIENZA

PIANO NAZIONALE DI RIPRESA E RESILIENZA



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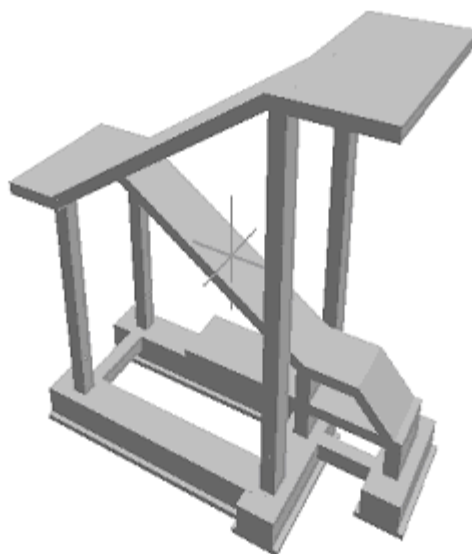
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Relazione di calcolo

Vulnerabilità sismica - Cap. 8.3 - D.M. 17/01/2018 "Norme Tecniche per le Costruzioni"



Archivio: Scala Esterna Statica Non Lineare - Data: 14/12/2021

Oggetto: Adeguamento sismico dell'edificio scolastico della Scuola Elementare Campitello – Scala di emergenza esterna

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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

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1.2 Riferimenti Legislativi.

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

Norme Tecniche C.N.R. 10011:

"Costruzioni di acciaio - Istruzione per il calcolo, l'esecuzione, il collaudo e la manutenzione."

Norme C.N.R. 10024:

"Analisi delle strutture mediante calcolatore elettronico: impostazione e redazione delle relazioni di calcolo."

Ordinanza del Presidente del Consiglio 3274 - 08/05/2003:

"Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica."

Ordinanza del Presidente del Consiglio 3431 - 03/05/2005:

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

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;
$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
$\sigma_{s,lim}$: Tensioni limite dell'acciaio;
f/l	: rapporto freccia/lunghezza;
f_{lim}	: valore limite del rapporto freccia/lunghezza;

2 Descrizione del Modello.

2.1 Modello assunto per il calcolo.

L'analisi numerica della struttura è stata condotta attraverso l'utilizzo del metodo degli elementi finiti ipotizzando un comportamento elastico-lineare.

Il metodo degli elementi finiti consiste nel sostituire il modello continuo della struttura con un modello discreto equivalente e di approssimare la funzione di spostamento con polinomio algebrico, definito in regioni (dette appunto elementi finiti) che sono delle funzioni interpolanti il valore di spostamento definito in punti discreti (detti nodi).

Gli elementi finiti utilizzabili ai fini della corretta modellazione della struttura verranno descritti di seguito.

Il modello di calcolo può essere articolato sulla base dell'ipotesi di impalcato rigido, in funzione della reale presenza di solai continui atti ad irrigidire tutto l'impalcato.

Tale ipotesi viene realizzata attraverso l'introduzione di adeguate relazioni cinematiche tra i gradi di libertà dei nodi costituenti l'impalcato stesso.

Il metodo di calcolo adottato, le combinazioni di carico, e le procedure di verifica saranno descritte di seguito.

Riferimento globale e locale.

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

I due sistemi di riferimento sono correlati da una matrice, detta di rotazione.

Modellazione geometrica della struttura.

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

- Nodi

Si definiscono nodi, entità geometriche determinate tramite le tre coordinate nel riferimento globale.

I nodi, nello spazio tridimensionale, posseggono tre gradi di libertà traslazionali e tre rotazionali.

Essi sono posizionati in modo da definire gli estremi degli elementi finiti e, di regola, in ogni discontinuità strutturale, di carico, di caratteristiche meccaniche, di campo di spostamento.

- Vincoli e Molle

I gradi di libertà possono essere vincolati, bloccando il cinematismo nella direzione voluta o assegnando "molle" applicate ai nodi tramite valori di rigidezza finiti.

Un vincolo assegna a priori un valore di spostamento nullo, e quindi la variabile corrispondente viene eliminata.

- Vincoli interni

Tali vincoli servono a definire le modalità di trasmissione degli sforzi dall'elemento finito ai nodi. Ciò viene associato al concetto di trasferimento della rigidezza.

Generalmente l'elemento considerato è rigidamente connesso ai nodi che lo definiscono, in modo da bloccare tutti i gradi di libertà relativi. E' possibile, comunque "rilasciare" le caratteristiche delle sollecitazioni, in modo da svincolare i gradi di libertà corrispondenti. Nel caso particolare, il modello utilizzato consente di svincolare le tre rotazioni intorno agli assi locali dell'asta.

- Aste

Si tratta di elementi finiti monodimensionali ad asse rettilineo delimitate da due nodi (i nodi di estremità).

Per questi elementi generalmente la funzione interpolante è quella del modello analitico per cui la mesh non influisce sensibilmente sulla convergenza.

Le aste sono dotate di rigidezza assiale, flessionale, e a taglio, secondo il modello classico della trave inflessa di Eulero-Bernoulli.

Alla singola asta è possibile associare una sezione costante per tutta la sua lunghezza.

- Asta su suolo elastico

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

- Lastra-Piastra

Si tratta di elementi finiti bidimensionali, definiti da tre o quattro nodi, posti ai vertici rispettivamente di un triangolo o di un quadrilatero irregolare. La geometria reale dell'elemento viene ricondotta ad un triangolo rettangolo (elemento a tre nodi) o ad un quadrato definito nella trattazione isoparametrica.

L'elemento lastra-piastra non ha rigidezza per la rotazione intorno all'asse perpendicolare al suo piano e viene trattato secondo la teoria di Mindlin-Reissner. Nel modello considerato si tiene conto dell'accoppiamento tra azioni flessionali e membranali.

- Forze e coppie concentrate

Per la risoluzione statica della struttura, tutti i carichi applicati agli elementi vengono trasferiti ai nodi. Ciò avviene in automatico per il peso delle aste, delle piastre, delle pareti, dei pannelli di carico presenti sulle aste e per la distribuzione di carico applicate agli elementi bidimensionali.

Il modello di calcolo consente anche l'introduzione di forze e coppie ai nodi.

Le forze sono dirette lungo le tre direzioni del sistema di riferimento globale ed in entrambi i versi per ogni direzione.

Le coppie concentrate sono riferite ai tre assi del riferimento globale, in entrambi i versi di rotazione di ciascun asse.

- Carichi distribuiti

Il modello di calcolo consente anche l'introduzione di carichi ripartiti sulle aste e di distribuzione di carico su piastre e pareti.

I carichi ripartiti sulle aste possono essere riferite sia al riferimento globale, sia al riferimento locale, lungo le tre direzioni ed in entrambe i versi. E' possibile anche introdurre carichi distribuiti torcenti agenti intorno all'asse dell'asta ed in entrambe i versi di rotazione.

Tutti i tipi di carico ripartito devono avere forma trapezia.

Sugli elementi bidimensionali, che fanno parte della mesh di piastre e pareti, è possibile assegnare una distribuzione uniforme, avente le caratteristiche di una pressione diretta ortogonalmente all'elemento.

- Pannelli di carico

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

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

- Sezioni

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

Materiali.

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

Matrici di calcolo della struttura.

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

- Matrice di rigidezza

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

- Matrice delle masse

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

2.2 Tipo di calcolo 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);
5. Verifica degli spostamenti relativi utilizzando i risultati del punto 3 (SLD);
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 STATICA 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	27.3	17.2
2	27.3	17.2
3	27.3	17.2

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. [KNcm]	X [cm]	Y [cm]	xR [cm]	yR [cm]
1	10536	9523	639812397	494.4	178.6	503.5	152.2

2	7616	11810	186863021	182.6	119.5	534.9	195.6
3	2196	260	30312999	506.4	123.2	379.8	35.1

L'analisi sismica (statica equivalente) nella componente orizzontale è stata effettuata considerando un sistema di forze, agenti nella direzione del sisma considerato, applicate ad ogni piano nel centro di massa del piano stesso. Per poter effettuare questo tipo di analisi deve valere la condizione:

$$T_1 \leq 2.5 T_C$$

$$\text{Dir. X: } T_{1X} = 2 d_x^{1/2} = 0.075 \text{ s}$$

$$\text{Dir. Y: } T_{1Y} = 2 d_y^{1/2} = 0.159 \text{ s}$$

d_x : spostamento massimo in dir. X dell'impalcato più in alto dell'edificio = 0.0014 m

d_y : spostamento massimo in dir. Y dell'impalcato più in alto dell'edificio = 0.0063 m

T_C = periodo di fine risonanza dello spettro.

Nel caso specifico il valore di T_C è pari a: 0.45

Le forze sono computate secondo le seguenti formule:

$$F_{lh} = F_H (W_I z_I) / (\sum W_I z_I) ;$$

$$F_H = S_d (T_1) W_{tot} \lambda ;$$

$$F_{lv} = F_V (W_I) / (\sum W_I) ;$$

dove:

z_I : quota dell'impalcato,

$S_d (T_1)$: ordinata spettro di risposta.

$\lambda = 0.85$ (se $N_{piani} \geq 3$ e se $T_1 \leq 2 T_C$) oppure 1.00 (in tutti gli altri casi) ;

$$W_I = (G_K + \sum_i \Psi_{Ei} Q_{ik}) ;$$

dove:

$$\Psi_{Ei} (\text{SLU} - \text{SLD}) = \Psi_{2i} \varphi ;$$

$$\Psi_{2i} = 0.30 ;$$

φ (vedi paragrafo "Pesi Impalcato");

Si riportano i valori totali delle azioni sismiche orizzontali di piano applicate agli impalcato reali:

Imp. Reale	Fhx [daN]	Fhy [daN]
1	2.37	2.37
2	9.46	9.46
3	23.56	23.56
Fh Totali	35.39	35.39

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
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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) e di danno (SLD):

Impalcato	Destinazione	Altre azioni			Delta termico		
		Ψ_{0i}	Ψ_{1i}	Ψ_{2i}	Ψ_{0i}	Ψ_{1i}	Ψ_{2i}
Fondazione	Categoria A: Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
Piano 1	Categoria A: Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
Piano 2	Categoria A: Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
Piano 3	Categoria A: Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0

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

Cat.	Destinazione	Altre azioni			Delta termico		
		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 e di danno

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.

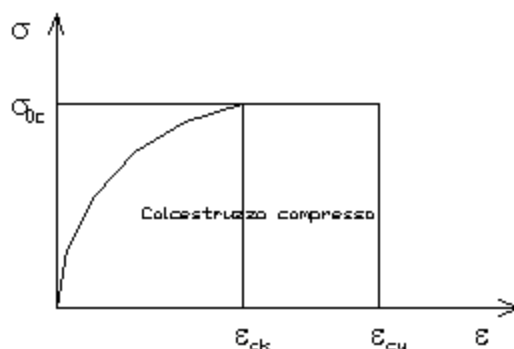
La verifica di resistenza è soddisfatta se la sollecitazione determinata dalla condizione considerata cade all'interno del dominio di sicurezza determinato, attraverso la conoscenza:

- 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:



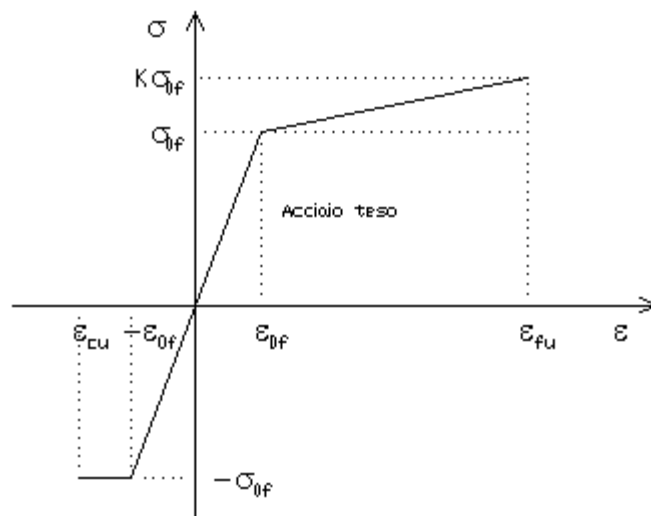
dove: $\varepsilon_{ck} = 0.002$;
 $\varepsilon_{cu} = 0.0035$;
 $\sigma_{0c} = 0.85 \cdot 0.83 \cdot R_{ck} / \gamma_c$;
 R_{ck} = resistenza caratteristica del calcestruzzo;
 $\gamma_{m,c}$ = coefficiente di materiale del calcestruzzo;

Le equazioni che descrivono il diagramma sono:

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

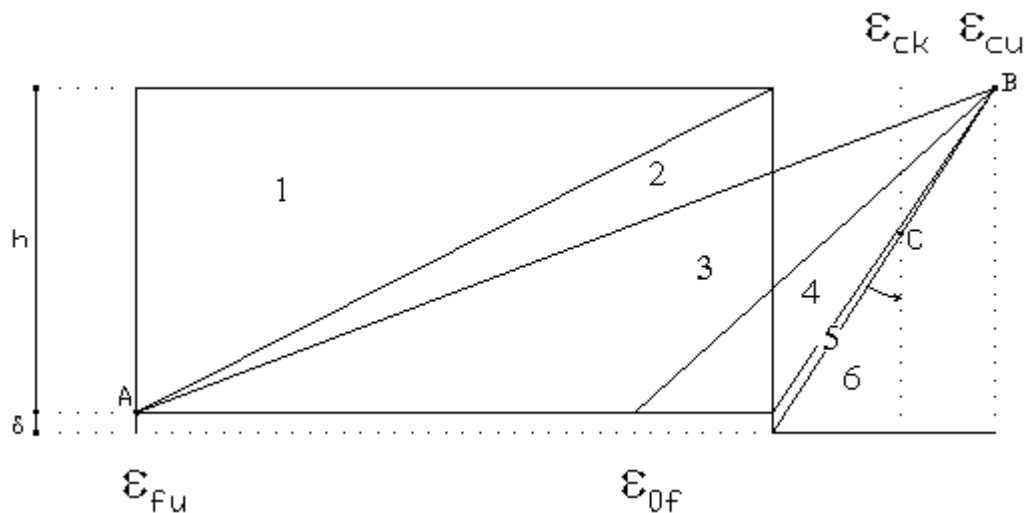
$$\varepsilon_{ck} < \varepsilon < \varepsilon_{cu} : s(\sigma) = \sigma_{0c};$$

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 specifiche appartengono ad un fascio passante per (C) e la distanza dell'asse neutro varia fra 0 e $-\infty$. La distanza di (C) dal lembo superiore vale $3h/7$. La sezione risulta sollecitata a compressione semplice o composta.

- Taglio

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

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

dove:

- V_{Sd} : taglio sollecitante il calcolo;
- $V_{Rsd} = 0.9 d (A_{sw} / s) f_{yd} (\text{ctg}\alpha + \text{ctg}\theta) \sin\alpha$;
- $V_{Rcd} = 0.9 d b_w \alpha_c f'_{cd} (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$;
- d : altezza utile della sezione;
- A_{sw} : area dell'armatura trasversale;
- s : passo dell'armatura trasversale;;
- f_{yd} : resistenza a snervamento dell'acciaio;
- b_w : larghezza minima della sezione lungo l'altezza efficace;

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

- Taglio in condizioni cicliche

Per le combinazioni sismiche viene effettuata un'ulteriore verifica alle azioni di taglio considerando la riduzione di resistenza in condizioni cicliche in funzione della domanda di duttilità sull'elemento, per il livello di azione considerato.

La resistenza a taglio V_R in condizioni cicliche, quali quelle sismiche, può essere valutata sulla base dei tre contributi dovuti all'entità dello sforzo normale N , al calcestruzzo e all'acciaio, nonché dell'interazione con la rotazione flessionale dell'elemento in funzione della parte plastica della domanda di duttilità, $\mu^?,pl$.

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

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

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

- 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 sovraresistenza utilizzati nel presente calcolo sono:

Impalcato	Fatt. Sovr.
1	1.00
2	1.00
3	1.00

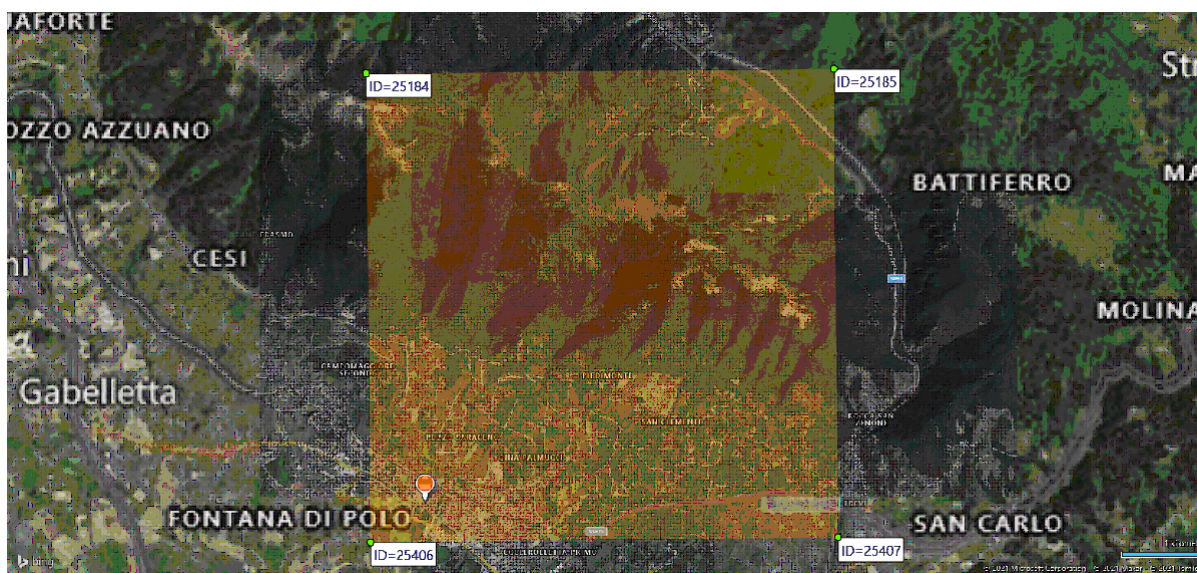
3 Dati

3.1 Dati Generali

Numero Impalcati : 3
 Numero delle tipologie di sezioni trasversali usate : 5
 Numero delle tipologie di solaio utilizzate : 0

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	14
Piano 1	0.00	70.00	70.00	70.00	4	0
Piano 2	70.00	376.00	0.00	306.00	4	4
Piano 3	70.00	676.00	0.00	476.00	4	5

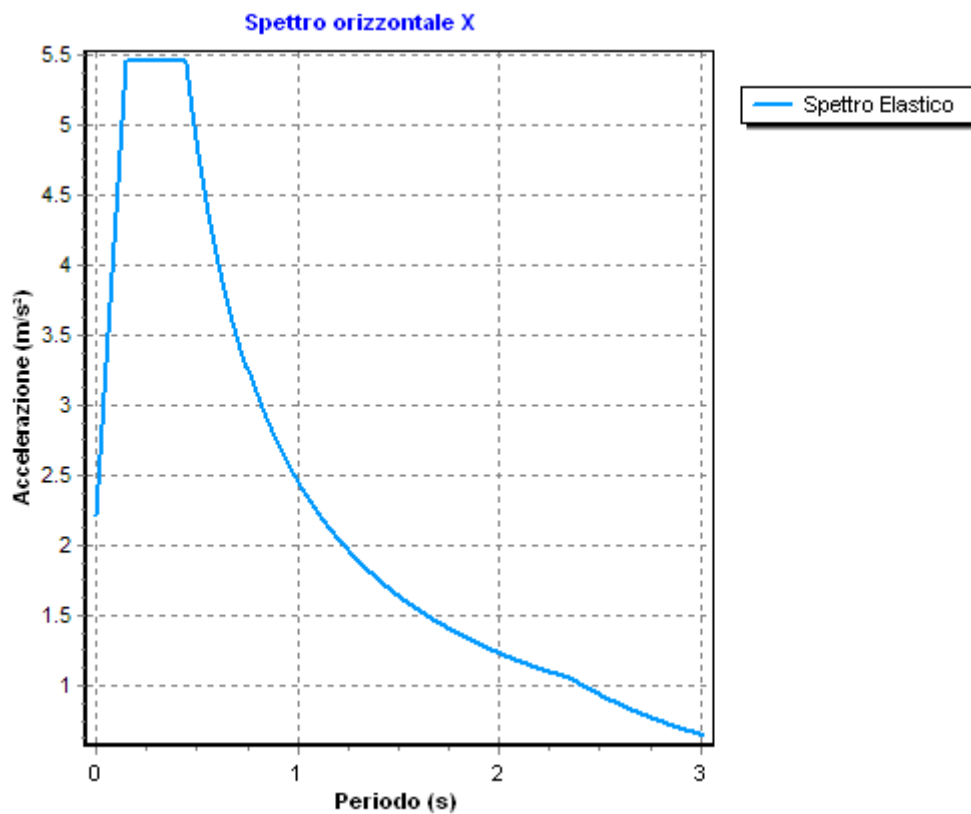
Coordinate (Datum WGS84) del sito : Latitudine = 42.5845° - Longitudine = 12.6143°
 Coordinate (Datum ED50) del sito : Latitudine = 42.5855° - Longitudine = 12.6153°

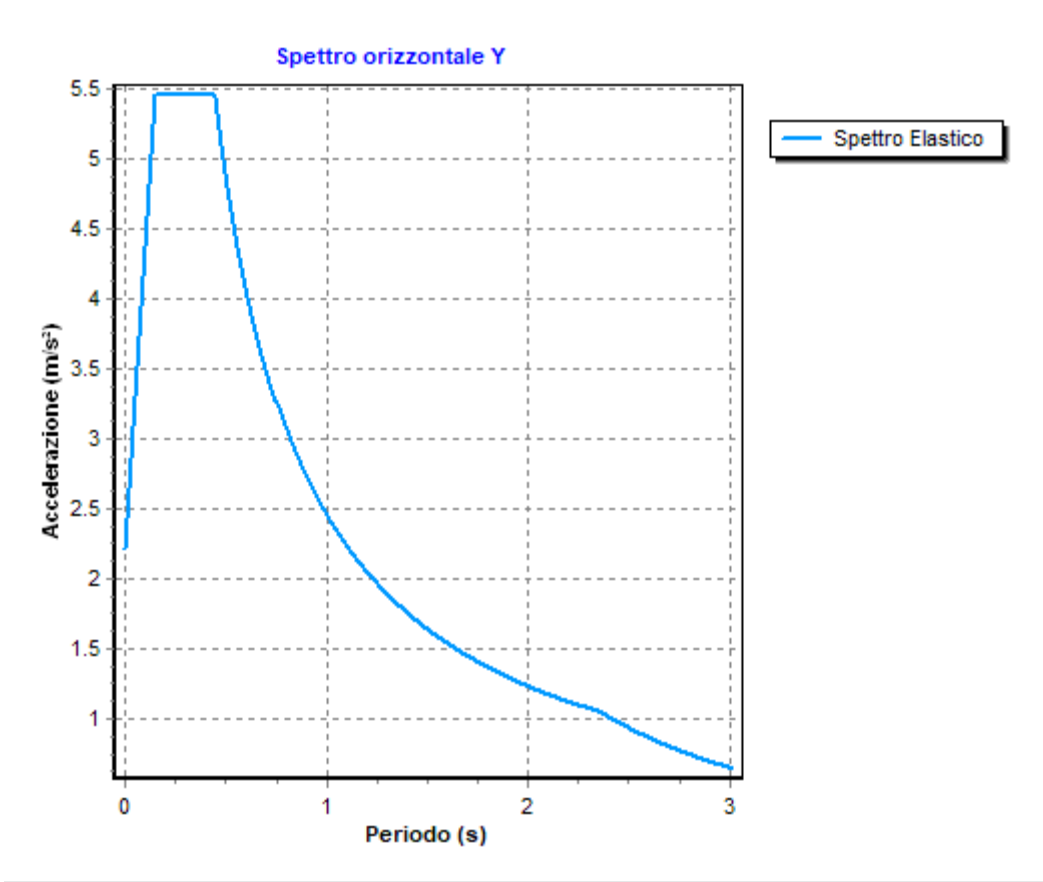


Identificativi e coordinate (Datum ED50) dei punti che includono il sito		
Numero punto	Latitudine [°]	Longitudine [°]
25184	42.6315	12.6067
25185	42.6320	12.6746
25406	42.5815	12.6073
25407	42.5820	12.6752

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	0.188	0.232	0.082	0.067
Coefficiente F_0	2.468	2.490	2.505	2.498
Periodo T_C^*	0.326	0.337	0.288	0.278
Coefficiente S_s	1.20	1.17	1.20	1.20
Coefficiente di amplificazione topografica S_t	1.00	1.00	1.00	1.00
Prodotto $S_s \cdot S_t$	1.20	1.17	1.20	1.20
Periodo T_B	0.15	0.15	0.14	0.13
Periodo T_C	0.45	0.46	0.41	0.40
Periodo T_D	2.35	2.53	1.93	1.87





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	: 2

Coeff. di riduzione per rigidità fessurata:
SLV-SLC

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

SLD-SLO

Pilastrì	Assiale	da Carico Assiale
	Flessione	da Carico Assiale
	Taglio	da Carico Assiale
Travi	Assiale	da Carico Assiale
	Flessione	da Carico Assiale
	Taglio	da Carico Assiale

Pareti		
Nel Piano	:	1.00
Fuori Piano	:	1.00
Platee		
Nel Piano	:	1.00
Fuori Piano	:	1.00
Delta termico		
Slv	:	0.50
Sle	:	0.75
Copriferro Travi di Fondazione	:	2.50 cm
Copriferro Travi di Elevazione in C.A.	:	2.50 cm
Copriferro Pilastrini in C.A.	:	2.50 cm
Copriferro Pareti	:	2.00 cm
Copriferro Piastre di Elevazione	:	2.00 cm

3.2 Elenco e Caratteristiche dei materiali.

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

b - Calcestruzzo

Nome	Classe	Rck [daN/c m ²]	v	ps [daN/ m ³]	αt [1/°C]	Ec [daN/c m ²]	FC	γm,c	Ect/Ec	fck [daN/ cm ²]	fcm [daN/c m ²]	fed SLU [daN/c m ²]	fctd SLU [daN/c m ²]	fed SLD [daN/c m ²]	fctd SLD [daN/c m ²]	fctk,0.05 [daN/c m ²]	fctm [daN/c m ²]	gc2 [%]	gc2 [%]
Cls1	C25/30	300	0.15	2500	1.0E-005	314758.1	-	1.50	0.50	250.0	-	141.7	12.0	212.5	18.0	18.0	25.6	2.00	3.50

c - Acciaio per C.A.

Nome	Tipo	γm	FC	Es [daN/cm ²]	fyk [daN/cm ²]	ftk [daN/cm ²]	fd SLU [daN/cm ²]	fd SLD [daN/cm ²]	fd SLE [daN/cm ²]	k	εud [%]
Barrel	B450C	1.15	-	2100000.0	4500.0	5400.0	3913.0	4500.0	3913.0	1.00	10.00

3.3 Elenco e caratteristiche delle colonne stratigrafiche.

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

Caratteristiche delle colonne stratigrafiche:

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

Filo	Colonna	Impalcato	Falda	Prof. Falda [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
2	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
3	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
4	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
5	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
6	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
7	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
8	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
9	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
10	Colonna 1	Fondazione	Non Presente	-	0.00	2	-

11	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
12	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
13	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
14	Colonna 1	Fondazione	Non Presente	-	0.00	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]	OCR
Colonna 1	Argilla con ghiaia	120.0	2000.0	1000.0	27	-	28.0	0.00	1.00	270.00	1440.11	0.30	277.18	1.00
	Ghiaia in matrice ar	600.0	2100.0	1100.0	69	-	42.0	0.00	0.00	814.90	3478.82	0.21	169.19	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	-	-	-
Piano 2	-	-	-
Piano 3	-	-	-

- Analisi dei Carichi -

3.4.2 Carichi Permanenti unitari - G2.

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]	Influenza Tramezzi [daN/m ²]	Tamponature [daN/m]
Fondazione	150	150	150	100	582
Piano 1	150	150	150	100	582
Piano 2	150	150	150	100	582
Piano 3	150	150	150	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)

Piano 1

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 2

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 3

3.4.3 Carichi Variabili unitari - Q.

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

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

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 Qk moltiplicati per una aliquota Ψ_{2i} (determinata dalla destinazione d'uso dell'opera ai vari piani)

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

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

Impalcato	Destinazione	Ψ_{2i}
Fondazione	Categoria A: Ambienti ad uso residenziale	0.3
Piano 1	Categoria A: Ambienti ad uso residenziale	0.3
Piano 2	Categoria A: Ambienti ad uso residenziale	0.3
Piano 3	Categoria A: Ambienti ad uso residenziale	0.3

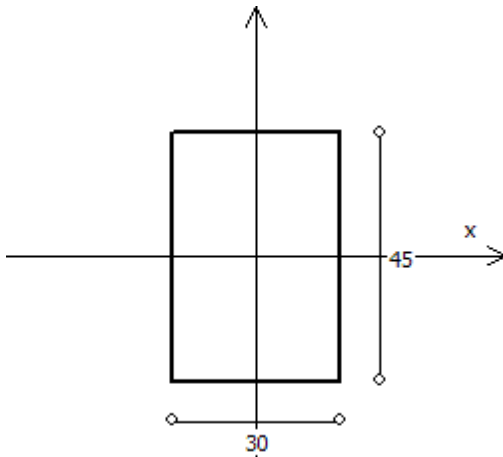
Per balconi e scale verranno usati i coefficienti calcolati come i maggiori tra quelli relativi alla categoria di carico di piano ed i seguenti:

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	17459.94	3306.65	793.60	21560.19
1	8945.76	3002.85	1021.18	12969.79
2	7569.49	4213.71	1381.62	13164.82
3	8248.55	4829.17	1617.58	14695.31

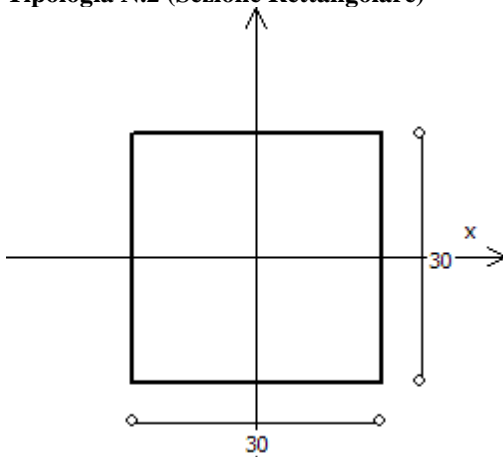
3.5 Elenco e Caratteristiche delle sezioni trasversali.

Tipologia N.1 (Sezione Rettangolare)



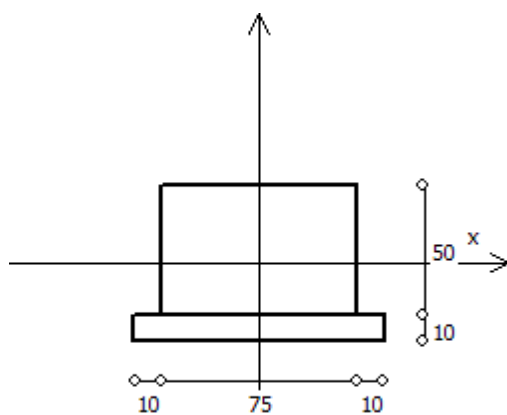
A = 1350 cm²
 J_x = 227813 cm⁴
 J_y = 101250 cm⁴
 J_t = 235710 cm⁴
 Materiale = Cls1
 Peso = 338 daN/m

Tipologia N.2 (Sezione Rettangolare)



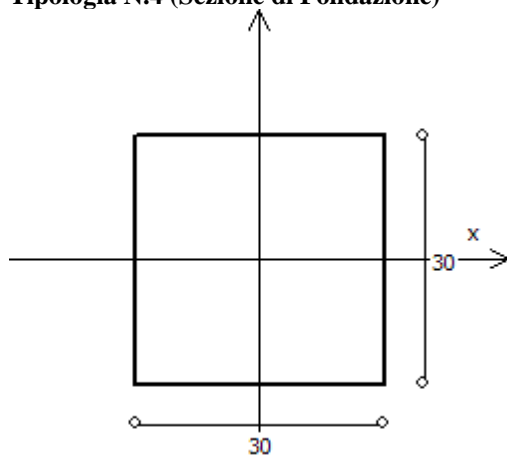
A = 900 cm²
 J_x = 67500 cm⁴
 J_y = 67500 cm⁴
 J_t = 113860 cm⁴
 Materiale = Cls1
 Peso = 225 daN/m

Tipologia N.3 (Sezione di Fondazione)



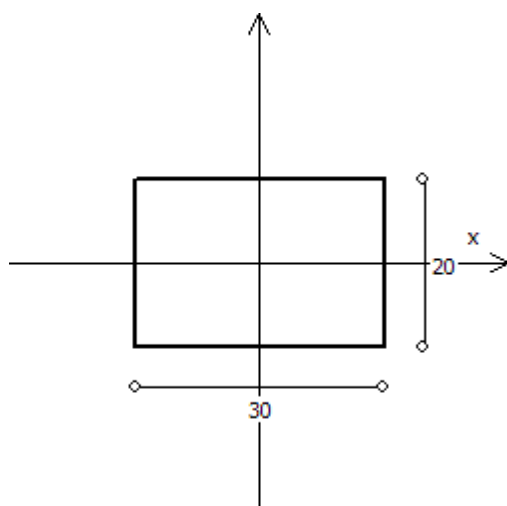
A = 3750 cm²
 J_x = 781250 cm⁴
 J_y = 1757813 cm⁴
 J_t = 1818750 cm⁴
 Materiale = Cls1
 Peso = 938 daN/ml

Tipologia N.4 (Sezione di Fondazione)



A = 900 cm²
 J_x = 67500 cm⁴
 J_y = 67500 cm⁴
 J_t = 100710 cm⁴
 Materiale = Cls1
 Peso = 225 daN/ml

Tipologia N.5 (Sezione Rettangolare)



A = 600 cm²
 J_x = 20000 cm⁴
 J_y = 45000 cm⁴
 J_t = 46560 cm⁴
 Materiale = Cls1
 Peso = 150 daN/m

3.6 Geometria Struttura.

3.6.1 Fili Fissi.

Numero : numerazione del filo fisso.

Ascissa : coordinata X del filo fisso.

Ordinata : coordinata Y del filo fisso.

Angolo : angolo del filo fisso (in gradi);

Tipo : tipo del filo fisso.

Numero	Ascissa [cm]	Ordinata [cm]	Quota [cm]	Angolo [°]	Tipo
1	0.00	0.00	0.00	0.00	4
2	65.00	0.00	0.00	0.00	5
3	65.00	220.00	0.00	0.00	5
4	0.00	220.00	0.00	0.00	4
5	515.00	220.00	0.00	0.00	5
6	515.00	0.00	0.00	0.00	5
7	515.00	120.00	0.00	0.00	5
8	515.00	240.00	0.00	0.00	8
9	515.00	335.00	0.00	0.00	2
10	515.00	-72.50	0.00	0.00	8
11	700.00	240.00	0.00	0.00	8
12	700.00	290.00	0.00	0.00	2
13	700.00	70.00	0.00	0.00	8
14	700.00	120.00	0.00	0.00	5
15	245.00	120.00	0.00	0.00	5
16	245.00	240.00	0.00	0.00	5
17	625.00	240.00	0.00	0.00	8
18	625.00	120.00	0.00	0.00	5
19	65.00	120.00	0.00	0.00	5
20	65.00	240.00	0.00	0.00	8
21	65.00	-35.00	0.00	0.00	8
22	-40.00	240.00	0.00	0.00	1
23	-40.00	-35.00	0.00	0.00	7
24	515.00	-35.00	0.00	0.00	8
25	515.00	370.00	0.00	0.00	2
26	700.00	-35.00	0.00	0.00	9
27	700.00	370.00	0.00	0.00	3

3.6.2 Caratteristiche dei nodi.

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

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

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

Masse Nodali:

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

Nodo	Coordinate [cm]			Impalcato	Slave	Vincoli						Masse Nodali			
	x	y	z			x	y	z	Rx	Ry	Rz	M [daNM]	MIx [daNM*cm ²]	MIy [daNM*cm ²]	MIz [daNM*cm ²]
1	0.0	0.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
2	65.0	0.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
3	65.0	220.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
4	0.0	220.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
5	515.0	220.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
6	515.0	0.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
7	515.0	120.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
8	515.0	262.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
9	515.0	335.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
10	515.0	-72.5	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
11	700.0	240.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
12	700.0	290.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
13	700.0	70.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
14	700.0	120.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
15	65.0	0.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
16	65.0	220.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
17	515.0	220.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
18	515.0	0.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
19	515.0	120.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
20	515.0	262.5	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
21	700.0	240.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
22	700.0	120.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
23	245.0	120.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
24	245.0	240.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
25	65.0	0.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
26	65.0	220.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
27	515.0	220.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
28	515.0	0.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
29	515.0	120.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
30	515.0	262.5	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
31	625.0	240.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
32	625.0	120.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
33	65.0	120.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
34	65.0	240.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
35	65.0	-35.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
36	-40.0	240.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

37	-40.0	-35.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
38	515.0	220.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
39	515.0	0.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
40	515.0	120.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
41	515.0	262.5	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
42	515.0	335.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
43	515.0	-35.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
44	515.0	370.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
45	700.0	-35.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
46	700.0	370.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
47	700.0	200.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
48	700.0	160.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
49	700.0	180.0	0.0	Fondazione	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
50	245.0	180.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
51	335.0	247.5	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
52	425.0	255.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
53	607.5	251.3	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
54	607.5	120.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
55	425.0	120.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
56	335.0	120.0	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
57	515.0	170.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
58	675.0	120.0	92.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
59	650.0	120.0	115.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
60	625.0	160.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
61	625.0	200.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
62	650.0	240.0	115.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
63	675.0	240.0	92.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
64	588.3	120.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
65	551.7	120.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
66	551.7	255.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
67	588.3	247.5	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
68	474.1	120.0	159.6	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
69	433.2	120.0	181.3	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
70	392.3	120.0	202.9	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
71	351.4	120.0	224.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
72	310.5	120.0	246.2	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
73	269.5	120.0	267.8	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
74	228.6	120.0	289.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
75	187.7	120.0	311.1	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
76	146.8	120.0	332.7	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
77	105.9	120.0	354.4	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
78	65.0	170.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
79	105.9	242.0	354.4	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
80	146.8	244.1	332.7	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
81	187.7	246.1	311.1	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
82	228.6	248.2	289.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
83	269.5	250.2	267.8	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
84	310.5	252.3	246.2	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
85	351.4	254.3	224.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
86	392.3	256.4	202.9	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
87	433.2	258.4	181.3	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
88	474.1	260.5	159.6	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
89	65.0	80.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
90	65.0	40.0	376.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
91	30.0	-35.0	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
92	-5.0	-35.0	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
93	-40.0	10.8	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
94	-40.0	56.7	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
95	-40.0	102.5	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
96	-40.0	148.3	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
97	-40.0	194.2	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
98	-5.0	240.0	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
99	30.0	240.0	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
100	105.9	120.0	397.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
101	146.8	120.0	419.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
102	187.7	120.0	440.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
103	228.6	120.0	462.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
104	269.5	120.0	484.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
105	310.5	120.0	505.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
106	351.4	120.0	527.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
107	392.3	120.0	549.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
108	433.2	120.0	570.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
109	474.1	120.0	592.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

110	515.0	80.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
111	515.0	40.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
112	474.1	-35.0	592.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
113	433.2	-35.0	570.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
114	392.3	-35.0	549.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
115	351.4	-35.0	527.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
116	310.5	-35.0	505.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
117	269.5	-35.0	484.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
118	228.6	-35.0	462.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
119	187.7	-35.0	440.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
120	146.8	-35.0	419.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
121	105.9	-35.0	397.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
122	515.0	170.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
123	515.0	298.3	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
124	561.3	370.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
125	607.5	370.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
126	653.8	370.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
127	700.0	325.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
128	700.0	280.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
129	700.0	235.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
130	700.0	190.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
131	700.0	145.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
132	700.0	100.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
133	700.0	55.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
134	700.0	10.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
135	653.8	-35.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
136	607.5	-35.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
137	561.3	-35.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
138	700.0	190.0	35.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
139	700.0	156.7	35.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
140	607.5	163.8	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
141	607.5	207.5	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
142	561.3	213.8	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
143	425.0	192.3	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
144	561.3	165.8	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
145	561.3	242.5	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
146	335.0	184.5	70.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
147	675.0	200.0	92.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
148	650.0	200.0	115.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
149	650.0	160.0	115.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
150	675.0	160.0	92.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
151	588.3	205.8	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
152	551.7	211.5	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
153	551.7	166.1	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
154	588.3	163.0	138.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
155	105.9	204.7	354.4	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
156	105.9	163.5	354.4	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
157	146.8	203.3	332.7	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
158	146.8	162.0	332.7	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
159	187.7	204.2	311.1	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
160	187.7	162.2	311.1	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
161	228.6	205.5	289.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
162	228.6	162.8	289.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
163	269.5	206.8	267.8	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
164	269.5	163.4	267.8	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
165	310.5	208.2	246.2	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
166	310.5	164.1	246.2	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
167	351.4	209.5	224.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
168	351.4	164.8	224.5	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
169	392.3	210.9	202.9	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
170	392.3	165.5	202.9	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
171	433.2	212.4	181.3	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
172	433.2	166.4	181.3	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
173	474.1	167.5	159.6	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
174	474.1	214.7	159.6	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
175	-13.8	106.9	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
176	12.5	111.2	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
177	38.8	115.6	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
178	-0.6	207.8	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
179	3.8	175.6	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
180	8.2	142.1	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
181	44.6	171.9	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
182	24.2	173.8	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

183	27.1	206.9	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
184	46.0	213.4	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
185	39.0	73.6	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
186	13.1	67.2	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
187	-12.8	60.7	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
188	-11.0	13.9	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
189	40.6	34.9	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
190	17.6	18.2	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
191	45.2	0.0	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
192	-15.2	132.4	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
193	29.1	144.5	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
194	46.2	145.4	376.0	Piano 3	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
195	474.1	3.1	592.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
196	474.1	41.9	592.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
197	474.1	80.8	592.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
198	433.2	3.6	570.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
199	433.2	42.4	570.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
200	433.2	81.1	570.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
201	392.3	3.7	549.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
202	392.3	42.5	549.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
203	392.3	81.2	549.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
204	351.4	3.7	527.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
205	351.4	42.5	527.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
206	351.4	81.2	527.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
207	310.5	3.7	505.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
208	310.5	42.5	505.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
209	310.5	81.2	505.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
210	269.5	3.7	484.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
211	269.5	42.5	484.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
212	269.5	81.2	484.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
213	228.6	3.7	462.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
214	228.6	42.5	462.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
215	228.6	81.2	462.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
216	187.7	3.7	440.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
217	187.7	42.4	440.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
218	187.7	81.2	440.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
219	146.8	81.0	419.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
220	105.9	80.5	397.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
221	146.8	3.5	419.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
222	146.8	42.1	419.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
223	105.9	41.5	397.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
224	105.9	2.8	397.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
225	663.5	185.1	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
226	626.0	182.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
227	589.0	178.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
228	552.8	173.5	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
229	561.3	73.8	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
230	607.5	67.5	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
231	653.8	61.3	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
232	607.5	-7.8	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
233	607.5	19.9	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
234	607.5	41.9	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
235	561.3	40.9	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
236	561.3	-9.7	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
237	561.3	15.6	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
238	538.1	-4.8	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
239	552.0	221.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
240	588.8	224.4	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
241	625.5	228.2	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
242	662.4	231.6	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
243	661.1	277.6	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
244	657.7	323.7	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
245	550.9	264.6	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
246	586.7	269.4	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
247	622.7	274.7	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
248	618.1	321.4	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
249	548.2	302.4	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
250	579.3	317.7	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
251	541.5	335.5	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
252	556.7	122.9	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
253	595.9	123.9	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
254	666.5	141.0	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
255	635.0	124.8	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00

256	673.4	100.7	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
257	653.8	0.6	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
258	652.3	29.5	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
259	637.8	44.2	614.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
260	538.1	16.9	614.0	Piano 3	M3	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	453.55	165.16	70.00
M2	Impalcato Rigido	280.51	153.16	274.75
M3	Impalcato Rigido	584.59	163.91	614.00

3.6.3 Caratteristiche delle aste.

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

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

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.	3	65.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	2, 3	2	3	Trave Fond.	4	220.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	2, 6	2	6	Trave Fond.	3	450.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4	4, 3	4	3	Trave Fond.	3	65.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	3, 5	3	5	Trave Fond.	3	450.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6	5, 7	5	7	Trave Fond.	3	100.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	7, 6	7	6	Trave Fond.	3	120.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	6, 10	6	10	Trave Fond.	3	72.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	7, 14	7	14	Trave Fond.	4	185.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10	9, 8	9	8	Trave Fond.	3	72.50	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	8, 11	8	11	Trave Fond.	4	186.36	Fondazione	5.00	2.50	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	12, 11	12	11	Trave Fond.	3	50.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	11, 14	11	49	Trave Fond.	3	60.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
14	11, 14	49	14	Trave Fond.	3	60.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	14, 13	14	13	Trave Fond.	3	50.00	Fondazione	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16	2	15	2	Pilastro	2	70.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	3	16	3	Pilastro	2	70.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	6	18	6	Pilastro	1	70.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	8	20	8	Pilastro	1	70.00	Piano 1	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
20	2, 19	25	90	Trave Elev.	5	40.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	2, 19	90	89	Trave Elev.	5	40.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
22	2, 19	89	33	Trave Elev.	5	40.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	21, 2	35	25	Trave Elev.	5	35.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	19, 3	33	78	Trave Elev.	5	50.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	19, 3	78	26	Trave Elev.	5	50.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
26	3, 20	26	34	Trave Elev.	5	20.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	2	25	15	Pilastro	2	306.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
28	3	26	16	Pilastro	2	306.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	6	28	18	Pilastro	1	306.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	8	30	20	Pilastro	1	68.00	Piano 2	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
31	7, 5	40	122	Trave Elev.	5	50.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
32	7, 5	122	38	Trave Elev.	5	50.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
33	5, 8	38	41	Trave Elev.	5	42.50	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
34	6, 7	39	111	Trave Elev.	5	40.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	6, 7	111	110	Trave Elev.	5	40.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	6, 7	110	40	Trave Elev.	5	40.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	24, 6	43	39	Trave Elev.	5	35.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
38	8, 25	41	123	Trave Elev.	5	35.83	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	8, 25	123	42	Trave Elev.	5	36.67	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

40	8, 25	42	44	Trave Elev.	5	35.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41	6	39	28	Pilastro	1	238.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	8	41	30	Pilastro	1	476.00	Piano 3	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

3.6.4 Caratteristiche delle Piastre.

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

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

Piastra	Impalcato	Fili	Spess.	Tipo	Numero Elementi	Nome Materiale	KwN [daN /cm³]	KwT [daN /cm³]
1	Piano 1	5-7	30.00	Parete in Cls	1	Cls1	-	-
2	Piano 1	8-5	30.00	Parete in Cls	1	Cls1	-	-
3	Piano 1	11-14	30.00	Parete in Cls	5	Cls1	-	-
4	Piano 2	7-5	30.00	Parete in Cls	2	Cls1	-	-
5	Piano 2	5-8	30.00	Parete in Cls	1	Cls1	-	-
6	Piano 1	15, 16, 8, 11, 14, 7	20.00	Platea Cls	15	Cls1	-	-
7	Piano 2	14, 18, 17, 11	20.00	Platea Cls	9	Cls1	-	-
8	Piano 2	18, 7, 5, 8, 17	20.00	Platea Cls	9	Cls1	-	-
9	Piano 2	8, 7, 19, 3, 20	20.00	Platea Cls	33	Cls1	-	-
10	Piano 3	20, 3, 2, 21, 23, 22	20.00	Platea Cls	29	Cls1	-	-
11	Piano 3	21, 2, 19, 7, 6, 24	20.00	Platea Cls	44	Cls1	-	-
12	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	20.00	Platea Cls	49	Cls1	-	-

3.6.5 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	-937.50	-937.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-187.50	-187.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-150.00	-150.00
2	Fondazione	2, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-225.00	-225.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-75.00	-75.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
3	Fondazione	2, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-937.50	-937.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-187.50	-187.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-150.00	-150.00
4	Fondazione	4, 3	Car. Perm. G1	0.00	0.00	0.00	0.00	-937.50	-937.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-187.50	-187.50
			Car. Eserc.	0.00	0.00	0.00	0.00	-150.00	-150.00
5	Fondazione	3, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-937.50	-937.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-187.50	-187.50

			Car. Eserc.	0,00	0,00	0,00	0,00	-150,00	-150,00
6	Fondazione	5, 7	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-112,50	-112,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-90,00	-90,00
7	Fondazione	7, 6	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-187,50	-187,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-150,00	-150,00
8	Fondazione	6, 10	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-187,50	-187,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-150,00	-150,00
9	Fondazione	7, 14	Car. Perm. G1	0,00	0,00	0,00	0,00	-225,00	-225,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
10	Fondazione	9, 8	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-187,50	-187,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-150,00	-150,00
11	Fondazione	8, 11	Car. Perm. G1	0,00	0,00	0,00	0,00	-225,00	-225,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
12	Fondazione	12, 11	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-187,50	-187,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-150,00	-150,00
13	Fondazione	11, 14	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-112,50	-112,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-90,00	-90,00
14	Fondazione	11, 14	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-112,50	-112,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-90,00	-90,00
15	Fondazione	14, 13	Car. Perm. G1	0,00	0,00	0,00	0,00	-937,50	-937,50
			Car. Perm. G2	0,00	0,00	0,00	0,00	-187,50	-187,50
			Car. Eserc.	0,00	0,00	0,00	0,00	-150,00	-150,00
16	Piano 1	2	Car. Perm. G1	0,00	0,00	0,00	0,00	-225,00	-225,00
17	Piano 1	3	Car. Perm. G1	0,00	0,00	0,00	0,00	-225,00	-225,00
18	Piano 1	6	Car. Perm. G1	0,00	0,00	0,00	0,00	-337,50	-337,50
19	Piano 1	8	Car. Perm. G1	0,00	0,00	0,00	0,00	-337,50	-337,50
20	Piano 2	2, 19	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
21	Piano 2	2, 19	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
22	Piano 2	2, 19	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
23	Piano 2	21, 2	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
24	Piano 2	19, 3	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
25	Piano 2	19, 3	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
26	Piano 2	3, 20	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-75,00	-75,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
27	Piano 2	2	Car. Perm. G1	0,00	0,00	0,00	0,00	-225,00	-225,00
28	Piano 2	3	Car. Perm. G1	0,00	0,00	0,00	0,00	-225,00	-225,00
29	Piano 2	6	Car. Perm. G1	0,00	0,00	0,00	0,00	-337,50	-337,50
30	Piano 2	8	Car. Perm. G1	0,00	0,00	0,00	0,00	-337,50	-337,50
31	Piano 3	7, 5	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-45,00	-45,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
32	Piano 3	7, 5	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-45,00	-45,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
33	Piano 3	5, 8	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-45,00	-45,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
34	Piano 3	6, 7	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00
			Car. Perm. G2	0,00	0,00	0,00	0,00	-45,00	-45,00
			Car. Eserc.	0,00	0,00	0,00	0,00	-60,00	-60,00
35	Piano 3	6, 7	Car. Perm. G1	0,00	0,00	0,00	0,00	-150,00	-150,00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-45.00	-45.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
36	Piano 3	6, 7	Car. Perm. G1	0.00	0.00	0.00	0.00	-150.00	-150.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-45.00	-45.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
37	Piano 3	24, 6	Car. Perm. G1	0.00	0.00	0.00	0.00	-150.00	-150.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-45.00	-45.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
38	Piano 3	8, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-150.00	-150.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-45.00	-45.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
39	Piano 3	8, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-150.00	-150.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-45.00	-45.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
40	Piano 3	8, 25	Car. Perm. G1	0.00	0.00	0.00	0.00	-150.00	-150.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-45.00	-45.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
41	Piano 3	6	Car. Perm. G1	0.00	0.00	0.00	0.00	-337.50	-337.50
42	Piano 3	8	Car. Perm. G1	0.00	0.00	0.00	0.00	-337.50	-337.50

Carichi Locali distribuiti sulle Piastre

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

Piastra	Imp.	Fili	C.C.	DLoc X [daN/m²]	DLoc Y [daN/m²]	DLoc Z [daN/m²]
1	Piano 1	15, 16, 8, 11, 14, 7	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00
2	Piano 2	14, 18, 17, 11	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00
3	Piano 2	18, 7, 5, 8, 17	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00
4	Piano 2	8, 7, 19, 3, 20	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00
5	Piano 3	20, 3, 2, 21, 23, 22	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00
6	Piano 3	21, 2, 19, 7, 6, 24	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	Car. Permanenti G1	0.00	0.00	0.00
			Car. Permanenti G2	0.00	0.00	0.00
			Car. d'Esercizio	0.00	0.00	0.00

Carichi Globali distribuiti sulle Piastre

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

Piastra	Imp.	Fili	C.C.	DGlob X [daN/m²]	DGlob Y [daN/m²]	DGlob Z [daN/m²]
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1	Piano 1	15, 16, 8, 11, 14, 7	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-250.00
			Car. d'Esercizio	0.00	0.00	-300.00
2	Piano 2	14, 18, 17, 11	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-361.00
			Car. d'Esercizio	0.00	0.00	-400.00
3	Piano 2	18, 7, 5, 8, 17	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-361.00
			Car. d'Esercizio	0.00	0.00	-400.00
4	Piano 2	8, 7, 19, 3, 20	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-361.00
			Car. d'Esercizio	0.00	0.00	-400.00
5	Piano 3	20, 3, 2, 21, 23, 22	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-361.00
			Car. d'Esercizio	0.00	0.00	-400.00
6	Piano 3	21, 2, 19, 7, 6, 24	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-361.00
			Car. d'Esercizio	0.00	0.00	-400.00
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	Car. Permanenti G1	0.00	0.00	-500.00
			Car. Permanenti G2	0.00	0.00	-361.00
			Car. d'Esercizio	0.00	0.00	-400.00

Carichi Locali lineari in testa alle Pareti

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

Parete	Imp.	Fili	C.C.	DLoc X [daN/m]		DLoc Y [daN/m]		DLoc Z [daN/m]	
				in.	fin.	in.	fin.	in.	fin.
1	Piano 1	5-7	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
2	Piano 1	8-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
3	Piano 1	11-14	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
4	Piano 2	7-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
5	Piano 2	5-8	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00

Carichi Locali distribuiti sulle Pareti

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

Parete	Imp.	Fili	C.C.	DLoc X [daN/m²]	DLoc Y [daN/m²]	DLoc Z [daN/m²]
1	Piano 1	5-7	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
2	Piano 1	8-5	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00

			Car. Eserc.	0.00	0.00	0.00
3	Piano 1	11-14	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
4	Piano 2	7-5	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
5	Piano 2	5-8	Car. Perm. G1	0.00	0.00	0.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00

Carichi Globali lineari in testa alle Pareti

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

Parete	Imp.	Fili	C.C.	DGlob X [daN/m]		DGlob Y [daN/m]		DGlob Z [daN/m]	
				in.	fin.	in.	fin.	in.	fin.
1	Piano 1	5-7	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
2	Piano 1	8-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	0.00	0.00
3	Piano 1	11-14	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-75.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-60.00	0.00
4	Piano 2	7-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-75.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-60.00	0.00
5	Piano 2	5-8	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-75.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-60.00	0.00

Carichi Globali distribuiti sulle Pareti

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

Parete	Imp.	Fili	C.C.	DGlob X [daN/m ²]	DGlob Y [daN/m ²]	DGlob Z [daN/m ²]
1	Piano 1	5-7	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
2	Piano 1	8-5	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
3	Piano 1	11-14	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
4	Piano 2	7-5	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
5	Piano 2	5-8	Car. Perm. G1	0.00	0.00	-750.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00

4 Risultati di Calcolo.

4.1 Classificazione elementi esistenti.

La classificazione degli elementi esistenti è stata effettuata secondo le seguenti modalità.

Un elemento viene classificato come "fragile" se:

- Non ha sezione rettangolare;
- Non ha armatura simmetrica;
- Per i carichi verticali, il coefficiente di sic. a taglio è inferiore di quello a flessione;
- Per i carichi verticali, il coefficiente di sic. del nodo al piede è inferiore di quello a flessione (solo per i pilastri);
- Sforzo normale $> 0.4 \cdot A_{cl} \cdot f_{cd}$;
- E' un'elemento di fondazione;

Il valore del fattore di comportamento, differenziato per i vari elementi (travi/pilastri) duttili, è stato calcolato considerando il tasso di lavoro dei materiali sotto le azioni statiche. In particolare, si è calcolata prima la duttilità minima, in termini di curvatura, delle sezioni partendo dalle sollecitazioni relative ai carichi verticali, e successivamente la duttilità dell'elemento considerando la deformata sotto carichi sismici.

La duttilità della sezione viene calcolata mediante la seguente formula:

$$\mu_{SEZ} = \chi_u / \chi_y$$

La duttilità dell'elemento viene calcolata mediante la seguente formula:

$$\mu_{ELE} = 1 + 6(\mu_{SEZ} - 1) (L_{PL} / L) (1 - L_{PL} / L)$$

Il fattore di comportamento (q) viene calcolato, per equivalenza energetica, mediante la seguente formulazione:

$$q = \sqrt[3]{2\mu_{ELE} - 1}$$

dove:

χ_y : curvatura di snervamento della sezione

χ_u : curvatura ultima della sezione

L_{PL} : lunghezza della cerniera plastica

L : lunghezza dell'elemento

Il valore del fattore di comportamento è stato ridotto, moltiplicandolo per 0.8, in modo da considerare l'irregolarità della struttura.

Il valore del fattore di comportamento utilizzato è il minimo riscontrato per le due direzioni sismiche.

Si riportano i dati relativi alla classificazione per i vari elementi:

- Aste

Asta : numerazione dell'asta;

Fili : fili fissi ai quali appartiene l'asta;

Nodo In. : nodo iniziale dell'asta;

Nodo Fin. : nodo finale dell'asta;

Tipo : funzione dell'asta;

Sez. : sezione trasversale associata all'asta;

Imp. : impalcato di appartenenza dell'asta;

Tipo El. : tipo di comportamento dell'elemento esistente (fragile o duttile);

Fattore struttura : fattore di comportamento dell'elemento;

Tabella 1.I

Asta	Fili	Nodo In.	Nodo Fin.	Tipo	Sez.	Imp.	Tipo El.	Fattore struttura
1	1, 2	1	2	Trave Fond.	3	Fondazione	Fragile	1.50
2	2, 3	2	3	Trave Fond.	4	Fondazione	Fragile	1.50
3	2, 6	2	6	Trave Fond.	3	Fondazione	Fragile	1.50
4	4, 3	4	3	Trave Fond.	3	Fondazione	Fragile	1.50
5	3, 5	3	5	Trave Fond.	3	Fondazione	Fragile	1.50
6	5, 7	5	7	Trave Fond.	3	Fondazione	Fragile	1.50
7	7, 6	7	6	Trave Fond.	3	Fondazione	Fragile	1.50
8	6, 10	6	10	Trave Fond.	3	Fondazione	Fragile	1.50
9	7, 14	7	14	Trave Fond.	4	Fondazione	Fragile	1.50
10	9, 8	9	8	Trave Fond.	3	Fondazione	Fragile	1.50
11	8, 11	8	11	Trave Fond.	4	Fondazione	Fragile	1.50

12	12, 11	12	11	Trave Fond.	3	Fondazione	Fragile	1.50
13	11, 14	11	49	Trave Fond.	3	Fondazione	Fragile	1.50
14	11, 14	49	14	Trave Fond.	3	Fondazione	Fragile	1.50
15	14, 13	14	13	Trave Fond.	3	Fondazione	Fragile	1.50
16	2	15	2	Pilastro	2	Piano 1	Fragile	1.50
17	3	16	3	Pilastro	2	Piano 1	Fragile	1.50
18	6	18	6	Pilastro	1	Piano 1	Fragile	1.50
19	8	20	8	Pilastro	1	Piano 1	Fragile	1.50
20	2, 19	25	90	Trave Elev.	5	Piano 2	Fragile	1.50
21	2, 19	90	89	Trave Elev.	5	Piano 2	Fragile	1.50
22	2, 19	89	33	Trave Elev.	5	Piano 2	Fragile	1.50
23	21, 2	35	25	Trave Elev.	5	Piano 2	Fragile	1.50
24	19, 3	33	78	Trave Elev.	5	Piano 2	Fragile	1.50
25	19, 3	78	26	Trave Elev.	5	Piano 2	Fragile	1.50
26	3, 20	26	34	Trave Elev.	5	Piano 2	Fragile	1.50
27	2	25	15	Pilastro	2	Piano 2	Fragile	1.50
28	3	26	16	Pilastro	2	Piano 2	Fragile	1.50
29	6	28	18	Pilastro	1	Piano 2	Fragile	1.50
30	8	30	20	Pilastro	1	Piano 2	Fragile	1.50
31	7, 5	40	122	Trave Elev.	5	Piano 3	Fragile	1.50
32	7, 5	122	38	Trave Elev.	5	Piano 3	Fragile	1.50
33	5, 8	38	41	Trave Elev.	5	Piano 3	Fragile	1.50
34	6, 7	39	111	Trave Elev.	5	Piano 3	Fragile	1.50
35	6, 7	111	110	Trave Elev.	5	Piano 3	Fragile	1.50
36	6, 7	110	40	Trave Elev.	5	Piano 3	Fragile	1.50
37	24, 6	43	39	Trave Elev.	5	Piano 3	Fragile	1.50
38	8, 25	41	123	Trave Elev.	5	Piano 3	Fragile	1.50
39	8, 25	123	42	Trave Elev.	5	Piano 3	Fragile	1.50
40	8, 25	42	44	Trave Elev.	5	Piano 3	Fragile	1.50
41	6	39	28	Pilastro	1	Piano 3	Fragile	1.50
42	8	41	30	Pilastro	1	Piano 3	Fragile	1.50

- Pareti

Parete : numerazione della piastra
 Impalcato : impalcato al quale appartiene la parete
 Fili : fili fissi ai quali appartiene la parete
 Numero Elementi: numero di elementi che compongono la parete
 Tipo El. : tipo di comportamento dell'elemento esistente (fragile o duttile);

Tabella 1.II

Parete	Impalcato	Fili	Tipo El.
1	Piano 1	5, 7	Fragile
3	Piano 1	11, 14	Fragile
4	Piano 2	7, 5	Fragile

4.2 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;

4.2.1 Cinematismi Nodali SLV.

Tabella 2.I

Nodo		V _x	V _y	V _z	Fix	F _{iy}	F _{iz}
1	CC1	0.4976	-0.0910	0.7745	1.43E-3	-2.54E-3	-7.86E-4
	CC2	0.4836	-0.0353	0.6686	1.02E-3	-2.28E-3	-5.64E-4
	CC3	0.4358	-0.1866	0.1282	-2.64E-3	-1.10E-3	-2.35E-4
	CC4	0.4218	-0.1309	0.0223	-3.04E-3	-8.29E-4	-1.26E-5
	CC5	-0.4244	0.1323	-0.1591	3.06E-3	1.02E-3	2.21E-5

	CC6	-0.4384	0.1880	-0.2650	2.66E-3	1.29E-3	2.44E-4
	CC7	-0.4863	0.0367	-0.8054	-1.01E-3	2.47E-3	5.73E-4
	CC8	-0.5003	0.0924	-0.9113	-1.41E-3	2.74E-3	7.96E-4
	CC9	0.2497	0.0885	1.2211	6.82E-3	-3.03E-3	-1.19E-3
	CC10	0.2305	0.1646	1.0764	6.27E-3	-2.67E-3	-8.83E-4
	CC11	-0.0270	0.1555	0.9410	7.31E-3	-1.96E-3	-9.45E-4
	CC12	-0.0461	0.2316	0.7963	6.76E-3	-1.60E-3	-6.41E-4
	CC13	0.0435	-0.2302	-0.9331	-6.74E-3	1.79E-3	6.50E-4
	CC14	0.0243	-0.1541	-1.0778	-7.29E-3	2.16E-3	9.54E-4
	CC15	-0.2331	-0.1633	-1.2132	-6.25E-3	2.86E-3	8.93E-4
	CC16	-0.2523	-0.0871	-1.3579	-6.80E-3	3.23E-3	1.20E-3
2	CC1	0.4979	-0.0399	0.6074	1.43E-3	-2.64E-3	-7.88E-4
	CC2	0.4839	0.0014	0.5191	1.02E-3	-2.36E-3	-5.64E-4
	CC3	0.4360	-0.1713	0.0562	-2.64E-3	-1.13E-3	-2.38E-4
	CC4	0.4220	-0.1300	-0.0321	-3.04E-3	-8.54E-4	-1.52E-5
	CC5	-0.4246	0.1308	-0.0919	3.06E-3	1.06E-3	2.47E-5
	CC6	-0.4386	0.1721	-0.1802	2.66E-3	1.33E-3	2.48E-4
	CC7	-0.4865	-0.0006	-0.6431	-1.01E-3	2.56E-3	5.74E-4
	CC8	-0.5005	0.0406	-0.7315	-1.41E-3	2.84E-3	7.97E-4
	CC9	0.2498	0.1656	1.0219	6.82E-3	-3.15E-3	-1.18E-3
	CC10	0.2306	0.2220	0.9012	6.27E-3	-2.77E-3	-8.80E-4
	CC11	-0.0269	0.2168	0.8121	7.31E-3	-2.04E-3	-9.41E-4
	CC12	-0.0461	0.2732	0.6914	6.76E-3	-1.67E-3	-6.36E-4
	CC13	0.0435	-0.2724	-0.8154	-6.74E-3	1.87E-3	6.46E-4
	CC14	0.0243	-0.2161	-0.9361	-7.29E-3	2.25E-3	9.51E-4
	CC15	-0.2333	-0.2212	-1.0253	-6.25E-3	2.98E-3	8.89E-4
	CC16	-0.2524	-0.1649	-1.1460	-6.80E-3	3.35E-3	1.19E-3
3	CC1	0.3883	-0.0421	-0.0700	1.51E-3	-2.70E-4	-7.32E-4
	CC2	0.4157	-0.0002	-0.0170	1.18E-3	-4.08E-4	-5.10E-4
	CC3	0.4477	-0.1692	0.2508	-2.37E-3	-9.75E-4	-2.07E-4
	CC4	0.4750	-0.1273	0.3037	-2.70E-3	-1.11E-3	1.53E-5
	CC5	-0.4768	0.1282	-0.4451	2.96E-3	1.29E-3	-3.10E-6
	CC6	-0.4494	0.1701	-0.3922	2.63E-3	1.15E-3	2.20E-4
	CC7	-0.4174	0.0011	-0.1244	-9.23E-4	5.85E-4	5.22E-4
	CC8	-0.3900	0.0430	-0.0714	-1.25E-3	4.47E-4	7.45E-4
	CC9	0.0112	0.1580	-0.5852	6.60E-3	1.12E-3	-1.13E-3
	CC10	0.0486	0.2153	-0.5128	6.15E-3	9.35E-4	-8.26E-4
	CC11	-0.2483	0.2091	-0.6978	7.04E-3	1.59E-3	-9.12E-4
	CC12	-0.2109	0.2664	-0.6254	6.58E-3	1.40E-3	-6.07E-4
	CC13	0.2091	-0.2655	0.4840	-6.33E-3	-1.23E-3	6.20E-4
	CC14	0.2466	-0.2083	0.5564	-6.78E-3	-1.42E-3	9.24E-4
	CC15	-0.0504	-0.2145	0.3714	-5.89E-3	-7.58E-4	8.38E-4
	CC16	-0.0130	-0.1572	0.4438	-6.35E-3	-9.47E-4	1.14E-3
4	CC1	0.3881	-0.0897	-0.0532	1.51E-3	-2.53E-4	-7.31E-4
	CC2	0.4155	-0.0333	0.0085	1.18E-3	-3.85E-4	-5.09E-4
	CC3	0.4475	-0.1825	0.3118	-2.37E-3	-9.24E-4	-2.04E-4
	CC4	0.4748	-0.1262	0.3734	-2.70E-3	-1.06E-3	1.78E-5
	CC5	-0.4766	0.1278	-0.5259	2.96E-3	1.22E-3	-5.61E-6
	CC6	-0.4492	0.1842	-0.4642	2.62E-3	1.09E-3	2.16E-4
	CC7	-0.4172	0.0350	-0.1609	-9.23E-4	5.53E-4	5.21E-4
	CC8	-0.3899	0.0913	-0.0993	-1.25E-3	4.21E-4	7.43E-4
	CC9	0.0112	0.0845	-0.6557	6.60E-3	1.07E-3	-1.13E-3
	CC10	0.0486	0.1615	-0.5714	6.15E-3	8.90E-4	-8.29E-4
	CC11	-0.2482	0.1497	-0.7975	7.04E-3	1.51E-3	-9.15E-4
	CC12	-0.2108	0.2267	-0.7133	6.58E-3	1.33E-3	-6.12E-4
	CC13	0.2090	-0.2251	0.5608	-6.33E-3	-1.17E-3	6.24E-4
	CC14	0.2464	-0.1481	0.6450	-6.78E-3	-1.35E-3	9.27E-4
	CC15	-0.0504	-0.1598	0.4190	-5.89E-3	-7.23E-4	8.42E-4
	CC16	-0.0130	-0.0828	0.5032	-6.35E-3	-9.02E-4	1.14E-3
5	CC1	0.3882	0.3143	-0.2226	1.02E-3	-1.84E-3	-6.32E-4
	CC2	0.4159	0.2568	-0.1737	6.44E-4	-1.82E-3	-4.26E-4
	CC3	0.4501	-0.1326	0.1312	-2.34E-3	-1.40E-3	9.43E-5
	CC4	0.4779	-0.1901	0.1801	-2.72E-3	-1.39E-3	3.00E-4
	CC5	-0.4795	0.1858	-0.3912	2.97E-3	1.20E-3	-2.93E-4
	CC6	-0.4517	0.1283	-0.3423	2.59E-3	1.22E-3	-8.71E-5
	CC7	-0.4175	-0.2612	-0.0373	-3.97E-4	1.64E-3	4.33E-4
	CC8	-0.3897	-0.3187	0.0115	-7.72E-4	1.65E-3	6.39E-4
	CC9	0.0071	0.8013	-0.7034	5.69E-3	-1.29E-3	-1.40E-3
	CC10	0.0451	0.7228	-0.6366	5.18E-3	-1.27E-3	-1.12E-3
	CC11	-0.2532	0.7628	-0.7540	6.28E-3	-3.74E-4	-1.30E-3
	CC12	-0.2152	0.6842	-0.6872	5.76E-3	-3.56E-4	-1.02E-3
	CC13	0.2137	-0.6886	0.4761	-5.52E-3	1.69E-4	1.02E-3
	CC14	0.2517	-0.7671	0.5429	-6.03E-3	1.88E-4	1.30E-3

	CC15	-0.0466	-0.7271	0.4255	-4.93E-3	1.08E-3	1.12E-3
	CC16	-0.0086	-0.8057	0.4923	-5.45E-3	1.10E-3	1.41E-3
6	CC1	0.5037	0.3199	-0.1640	4.25E-5	-1.99E-3	-6.34E-4
	CC2	0.4887	0.2614	-0.1994	-3.67E-4	-2.04E-3	-4.30E-4
	CC3	0.4346	-0.1335	-0.4716	-3.01E-3	-2.48E-3	4.26E-5
	CC4	0.4196	-0.1921	-0.5070	-3.42E-3	-2.53E-3	2.47E-4
	CC5	-0.4221	0.1876	0.3374	3.55E-3	2.26E-3	-2.33E-4
	CC6	-0.4371	0.1290	0.3020	3.14E-3	2.21E-3	-2.91E-5
	CC7	-0.4912	-0.2659	0.0298	4.96E-4	1.77E-3	4.43E-4
	CC8	-0.5062	-0.3244	-0.0056	8.63E-5	1.72E-3	6.48E-4
	CC9	0.2631	0.8134	0.3768	4.90E-3	8.45E-5	-1.32E-3
	CC10	0.2426	0.7334	0.3285	4.34E-3	1.32E-5	-1.04E-3
	CC11	-0.0147	0.7737	0.5273	5.95E-3	1.36E-3	-1.20E-3
	CC12	-0.0351	0.6937	0.4789	5.39E-3	1.29E-3	-9.21E-4
	CC13	0.0326	-0.6981	-0.6485	-5.27E-3	-1.56E-3	9.35E-4
	CC14	0.0122	-0.7781	-0.6969	-5.83E-3	-1.63E-3	1.21E-3
	CC15	-0.2451	-0.7378	-0.4981	-4.21E-3	-2.82E-4	1.06E-3
	CC16	-0.2656	-0.8178	-0.5465	-4.77E-3	-3.53E-4	1.33E-3
7	CC1	0.4407	0.3168	-0.1488	2.43E-4	-1.97E-3	-4.61E-4
	CC2	0.4490	0.2590	-0.1376	-1.35E-4	-2.04E-3	-2.72E-4
	CC3	0.4400	-0.1327	-0.1147	-2.70E-3	-2.07E-3	8.70E-5
	CC4	0.4482	-0.1905	-0.1035	-3.08E-3	-2.13E-3	2.76E-4
	CC5	-0.4497	0.1861	-0.0850	3.27E-3	2.07E-3	-2.77E-4
	CC6	-0.4415	0.1283	-0.0738	2.89E-3	2.00E-3	-8.85E-5
	CC7	-0.4505	-0.2634	-0.0509	3.31E-4	1.98E-3	2.71E-4
	CC8	-0.4423	-0.3212	-0.0397	-4.73E-5	1.91E-3	4.59E-4
	CC9	0.1285	0.8060	-0.1683	4.80E-3	-4.34E-4	-1.07E-3
	CC10	0.1397	0.7270	-0.1530	4.29E-3	-5.25E-4	-8.13E-4
	CC11	-0.1387	0.7668	-0.1492	5.71E-3	7.79E-4	-1.02E-3
	CC12	-0.1275	0.6878	-0.1339	5.20E-3	6.88E-4	-7.58E-4
	CC13	0.1259	-0.6923	-0.0546	-5.00E-3	-7.50E-4	7.56E-4
	CC14	0.1371	-0.7712	-0.0394	-5.52E-3	-8.41E-4	1.01E-3
	CC15	-0.1412	-0.7315	-0.0355	-4.09E-3	4.63E-4	8.11E-4
	CC16	-0.1300	-0.8104	-0.0202	-4.61E-3	3.72E-4	1.07E-3
8	CC1	0.3648	0.3101	-0.2808	1.04E-3	-3.17E-3	-4.73E-4
	CC2	0.3989	0.2527	-0.2141	7.05E-4	-3.37E-3	-3.43E-4
	CC3	0.4423	-0.1359	0.2338	-1.84E-3	-4.10E-3	-1.28E-4
	CC4	0.4764	-0.1934	0.3005	-2.18E-3	-4.30E-3	2.30E-6
	CC5	-0.4723	0.1897	-0.5222	2.33E-3	4.68E-3	6.01E-5
	CC6	-0.4382	0.1322	-0.4555	2.00E-3	4.49E-3	1.90E-4
	CC7	-0.3948	-0.2564	-0.0076	-5.48E-4	3.76E-3	4.05E-4
	CC8	-0.3607	-0.3139	0.0591	-8.86E-4	3.56E-3	5.35E-4
	CC9	-0.0248	0.7989	-0.9779	4.92E-3	6.96E-4	-7.13E-4
	CC10	0.0218	0.7203	-0.8868	4.46E-3	4.24E-4	-5.35E-4
	CC11	-0.2759	0.7628	-1.0504	5.31E-3	3.05E-3	-5.53E-4
	CC12	-0.2294	0.6842	-0.9592	4.84E-3	2.78E-3	-3.75E-4
	CC13	0.2335	-0.6879	0.7375	-4.69E-3	-2.40E-3	4.38E-4
	CC14	0.2800	-0.7665	0.8286	-5.15E-3	-2.67E-3	6.15E-4
	CC15	-0.0177	-0.7241	0.6650	-4.30E-3	-3.84E-5	5.97E-4
	CC16	0.0289	-0.8026	0.7562	-4.76E-3	-3.10E-4	7.75E-4
9	CC1	0.3300	0.3100	-0.3534	9.85E-4	-3.17E-3	-4.82E-4
	CC2	0.3735	0.2525	-0.2629	6.61E-4	-3.37E-3	-3.53E-4
	CC3	0.4324	-0.1358	0.3644	-1.79E-3	-4.10E-3	-1.40E-4
	CC4	0.4758	-0.1933	0.4548	-2.11E-3	-4.30E-3	-1.07E-5
	CC5	-0.4672	0.1895	-0.6867	2.25E-3	4.68E-3	7.29E-5
	CC6	-0.4238	0.1321	-0.5963	1.92E-3	4.49E-3	2.02E-4
	CC7	-0.3649	-0.2562	0.0310	-5.26E-4	3.76E-3	4.15E-4
	CC8	-0.3214	-0.3137	0.1215	-8.50E-4	3.56E-3	5.44E-4
	CC9	-0.0764	0.7984	-1.3240	4.72E-3	6.96E-4	-7.11E-4
	CC10	-0.0170	0.7199	-1.2004	4.28E-3	4.24E-4	-5.35E-4
	CC11	-0.3156	0.7623	-1.4240	5.10E-3	3.05E-3	-5.45E-4
	CC12	-0.2562	0.6838	-1.3004	4.65E-3	2.78E-3	-3.68E-4
	CC13	0.2648	-0.6875	1.0685	-4.52E-3	-2.40E-3	4.31E-4
	CC14	0.3242	-0.7660	1.1921	-4.96E-3	-2.67E-3	6.07E-4
	CC15	0.0256	-0.7236	0.9685	-4.14E-3	-3.84E-5	5.97E-4
	CC16	0.0850	-0.8021	1.0921	-4.58E-3	-3.10E-4	7.73E-4
10	CC1	0.5489	0.3198	-0.1610	3.91E-5	-1.99E-3	-6.20E-4
	CC2	0.5191	0.2613	-0.2255	-3.60E-4	-2.04E-3	-4.16E-4
	CC3	0.4308	-0.1334	-0.6853	-2.93E-3	-2.48E-3	5.44E-5
	CC4	0.4011	-0.1919	-0.7498	-3.32E-3	-2.53E-3	2.58E-4
	CC5	-0.4046	0.1874	0.5903	3.47E-3	2.26E-3	-2.45E-4
	CC6	-0.4343	0.1289	0.5258	3.07E-3	2.21E-3	-4.09E-5
	CC7	-0.5226	-0.2657	0.0660	5.03E-4	1.77E-3	4.29E-4

	CC8	-0.5524	-0.3242	0.0015	1.04E-4	1.72E-3	6.33E-4
	CC9	0.3584	0.8129	0.7254	4.77E-3	8.45E-5	-1.31E-3
	CC10	0.3177	0.7329	0.6372	4.22E-3	1.32E-5	-1.03E-3
	CC11	0.0723	0.7732	0.9508	5.80E-3	1.36E-3	-1.20E-3
	CC12	0.0317	0.6932	0.8626	5.25E-3	1.29E-3	-9.21E-4
	CC13	-0.0352	-0.6977	-1.0222	-5.11E-3	-1.56E-3	9.35E-4
	CC14	-0.0758	-0.7776	-1.1103	-5.66E-3	-1.63E-3	1.21E-3
	CC15	-0.3212	-0.7374	-0.7968	-4.08E-3	-2.82E-4	1.05E-3
	CC16	-0.3618	-0.8173	-0.8850	-4.63E-3	-3.53E-4	1.33E-3
11	CC1	0.3665	0.3205	-0.7422	3.26E-3	-3.46E-3	-6.26E-4
	CC2	0.3972	0.2360	-0.7004	2.54E-3	-3.62E-3	-4.29E-4
	CC3	0.4276	-0.2438	-0.5009	1.99E-4	-4.10E-3	-4.41E-5
	CC4	0.4583	-0.3283	-0.4591	-5.22E-4	-4.26E-3	1.53E-4
	CC5	-0.4527	0.3299	0.3381	7.10E-4	4.63E-3	-1.28E-4
	CC6	-0.4220	0.2454	0.3799	-1.20E-5	4.47E-3	6.93E-5
	CC7	-0.3916	-0.2344	0.5794	-2.35E-3	3.99E-3	4.54E-4
	CC8	-0.3609	-0.3189	0.6212	-3.07E-3	3.83E-3	6.51E-4
	CC9	0.0029	0.9977	-0.6533	6.07E-3	1.50E-4	-1.17E-3
	CC10	0.0449	0.8822	-0.5961	5.09E-3	-7.32E-5	-8.97E-4
	CC11	-0.2429	1.0005	-0.3292	5.31E-3	2.58E-3	-1.02E-3
	CC12	-0.2009	0.8850	-0.2720	4.32E-3	2.35E-3	-7.47E-4
	CC13	0.2065	-0.8834	0.1511	-4.14E-3	-1.98E-3	7.73E-4
	CC14	0.2485	-0.9989	0.2082	-5.12E-3	-2.21E-3	1.04E-3
	CC15	-0.0393	-0.8806	0.4751	-4.90E-3	4.45E-4	9.22E-4
	CC16	0.0027	-0.9961	0.5323	-5.89E-3	2.21E-4	1.19E-3
12	CC1	0.3351	0.3204	-0.9037	3.22E-3	-3.46E-3	-6.29E-4
	CC2	0.3756	0.2359	-0.8260	2.50E-3	-3.62E-3	-4.32E-4
	CC3	0.4252	-0.2437	-0.5104	1.87E-4	-4.10E-3	-4.79E-5
	CC4	0.4658	-0.3282	-0.4327	-5.29E-4	-4.26E-3	1.49E-4
	CC5	-0.4589	0.3298	0.3024	7.13E-4	4.63E-3	-1.24E-4
	CC6	-0.4184	0.2453	0.3801	-3.11E-6	4.47E-3	7.31E-5
	CC7	-0.3688	-0.2343	0.6958	-2.32E-3	3.99E-3	4.57E-4
	CC8	-0.3282	-0.3188	0.7735	-3.03E-3	3.83E-3	6.54E-4
	CC9	-0.0554	0.9974	-0.9547	6.01E-3	1.50E-4	-1.17E-3
	CC10	0.0000	0.8819	-0.8485	5.03E-3	-7.32E-5	-8.97E-4
	CC11	-0.2936	1.0002	-0.5929	5.26E-3	2.58E-3	-1.01E-3
	CC12	-0.2382	0.8847	-0.4867	4.28E-3	2.35E-3	-7.45E-4
	CC13	0.2450	-0.8831	0.3564	-4.10E-3	-1.98E-3	7.71E-4
	CC14	0.3005	-0.9986	0.4626	-5.07E-3	-2.21E-3	1.04E-3
	CC15	0.0068	-0.8803	0.7183	-4.85E-3	4.45E-4	9.22E-4
	CC16	0.0623	-0.9958	0.8245	-5.83E-3	2.21E-4	1.19E-3
13	CC1	0.4681	0.3201	-0.1695	3.39E-3	-3.31E-3	-5.67E-4
	CC2	0.4655	0.2356	-0.2512	2.67E-3	-3.50E-3	-3.73E-4
	CC3	0.4336	-0.2441	-0.4519	3.42E-4	-3.97E-3	-9.65E-6
	CC4	0.4310	-0.3285	-0.5336	-3.75E-4	-4.16E-3	1.85E-4
	CC5	-0.4311	0.3301	0.4459	5.76E-4	4.54E-3	-1.49E-4
	CC6	-0.4338	0.2456	0.3642	-1.41E-4	4.35E-3	4.63E-5
	CC7	-0.4656	-0.2340	0.1635	-2.47E-3	3.87E-3	4.09E-4
	CC8	-0.4682	-0.3185	0.0818	-3.18E-3	3.68E-3	6.04E-4
	CC9	0.1941	0.9972	0.3904	6.08E-3	2.52E-4	-1.11E-3
	CC10	0.1905	0.8818	0.2787	5.10E-3	-1.05E-5	-8.41E-4
	CC11	-0.0757	1.0002	0.5750	5.24E-3	2.61E-3	-9.81E-4
	CC12	-0.0793	0.8848	0.4633	4.26E-3	2.34E-3	-7.15E-4
	CC13	0.0791	-0.8832	-0.5510	-4.06E-3	-1.97E-3	7.52E-4
	CC14	0.0755	-0.9987	-0.6627	-5.04E-3	-2.23E-3	1.02E-3
	CC15	-0.1906	-0.8802	-0.3664	-4.90E-3	3.86E-4	8.77E-4
	CC16	-0.1942	-0.9957	-0.4780	-5.88E-3	1.24E-4	1.14E-3
14	CC1	0.4397	0.3202	-0.3388	3.39E-3	-3.31E-3	-5.71E-4
	CC2	0.4468	0.2357	-0.3846	2.66E-3	-3.50E-3	-3.77E-4
	CC3	0.4331	-0.2441	-0.4687	3.18E-4	-3.97E-3	-1.35E-5
	CC4	0.4402	-0.3286	-0.5144	-4.05E-4	-4.16E-3	1.81E-4
	CC5	-0.4385	0.3302	0.4167	6.05E-4	4.54E-3	-1.45E-4
	CC6	-0.4314	0.2457	0.3710	-1.18E-4	4.35E-3	5.02E-5
	CC7	-0.4451	-0.2341	0.2869	-2.47E-3	3.87E-3	4.13E-4
	CC8	-0.4380	-0.3186	0.2411	-3.19E-3	3.68E-3	6.08E-4
	CC9	0.1387	0.9975	0.0855	6.13E-3	2.52E-4	-1.11E-3
	CC10	0.1484	0.8820	0.0229	5.14E-3	-1.05E-5	-8.42E-4
	CC11	-0.1247	1.0005	0.3122	5.29E-3	2.61E-3	-9.81E-4
	CC12	-0.1150	0.8850	0.2496	4.30E-3	2.34E-3	-7.14E-4
	CC13	0.1167	-0.8835	-0.3473	-4.11E-3	-1.97E-3	7.51E-4
	CC14	0.1264	-0.9990	-0.4099	-5.09E-3	-2.23E-3	1.02E-3
	CC15	-0.1467	-0.8805	-0.1207	-4.94E-3	3.86E-4	8.79E-4
	CC16	-0.1370	-0.9960	-0.1832	-5.93E-3	1.24E-4	1.15E-3

15	CC1	0.8568	-0.0455	0.6244	-1.80E-3	-5.69E-3	-9.46E-4
	CC2	0.8346	0.0025	0.5333	-1.28E-3	-5.63E-3	-6.51E-4
	CC3	0.8150	-0.4785	0.0574	-5.04E-3	-6.81E-3	-3.73E-4
	CC4	0.7927	-0.4305	-0.0337	-4.52E-3	-6.76E-3	-7.91E-5
	CC5	-0.8159	0.4321	-0.0927	4.54E-3	7.11E-3	9.91E-5
	CC6	-0.8381	0.4801	-0.1838	5.06E-3	7.17E-3	3.93E-4
	CC7	-0.8577	-0.0008	-0.6597	1.30E-3	5.99E-3	6.71E-4
	CC8	-0.8800	0.0472	-0.7508	1.82E-3	6.05E-3	9.65E-4
	CC9	0.3243	0.6179	1.0516	4.10E-3	9.49E-5	-1.30E-3
	CC10	0.2939	0.6835	0.9271	4.81E-3	1.69E-4	-8.99E-4
	CC11	-0.1775	0.7612	0.8365	6.00E-3	3.94E-3	-9.88E-4
	CC12	-0.2079	0.8268	0.7119	6.71E-3	4.01E-3	-5.86E-4
	CC13	0.1848	-0.8252	-0.8384	-6.70E-3	-3.65E-3	6.06E-4
	CC14	0.1544	-0.7596	-0.9629	-5.99E-3	-3.58E-3	1.01E-3
	CC15	-0.3170	-0.6819	-1.0535	-4.80E-3	1.90E-4	9.19E-4
	CC16	-0.3474	-0.6163	-1.1780	-4.09E-3	2.64E-4	1.32E-3
16	CC1	0.6475	-0.0368	-0.0749	-1.03E-3	-4.66E-3	-9.41E-4
	CC2	0.6900	0.0112	-0.0202	-7.37E-4	-4.89E-3	-6.47E-4
	CC3	0.7315	-0.4697	0.2549	-5.44E-3	-4.81E-3	-3.69E-4
	CC4	0.7740	-0.4217	0.3096	-5.14E-3	-5.03E-3	-7.50E-5
	CC5	-0.7954	0.4409	-0.4537	5.40E-3	5.39E-3	1.03E-4
	CC6	-0.7529	0.4889	-0.3990	5.70E-3	5.16E-3	3.97E-4
	CC7	-0.7114	0.0079	-0.1240	9.98E-4	5.24E-3	6.75E-4
	CC8	-0.6689	0.0559	-0.0692	1.29E-3	5.02E-3	9.70E-4
	CC9	0.0366	0.6267	-0.6023	6.30E-3	-9.37E-4	-1.30E-3
	CC10	0.0947	0.6923	-0.5275	6.71E-3	-1.24E-3	-8.95E-4
	CC11	-0.3962	0.7700	-0.7160	8.23E-3	2.08E-3	-9.84E-4
	CC12	-0.3381	0.8356	-0.6412	8.64E-3	1.77E-3	-5.82E-4
	CC13	0.3168	-0.8164	0.4970	-8.38E-3	-1.41E-3	6.10E-4
	CC14	0.3749	-0.7508	0.5718	-7.97E-3	-1.72E-3	1.01E-3
	CC15	-0.1161	-0.6731	0.3834	-6.45E-3	1.60E-3	9.23E-4
	CC16	-0.0580	-0.6075	0.4582	-6.04E-3	1.29E-3	1.33E-3
17	CC1	0.6482	0.3895	-0.2329	1.46E-3	-4.57E-3	-9.63E-4
	CC2	0.6907	0.3051	-0.1826	1.04E-3	-4.95E-3	-6.69E-4
	CC3	0.7323	-0.3009	0.1351	-2.02E-3	-5.25E-3	-3.91E-4
	CC4	0.7748	-0.3853	0.1854	-2.44E-3	-5.63E-3	-9.67E-5
	CC5	-0.7947	0.3970	-0.3985	2.64E-3	6.24E-3	8.14E-5
	CC6	-0.7522	0.3127	-0.3482	2.22E-3	5.85E-3	3.76E-4
	CC7	-0.7106	-0.2934	-0.0305	-8.41E-4	5.55E-3	6.54E-4
	CC8	-0.6681	-0.3778	0.0198	-1.26E-3	5.17E-3	9.48E-4
	CC9	0.0374	1.2131	-0.7294	6.01E-3	8.41E-5	-1.32E-3
	CC10	0.0954	1.0978	-0.6607	5.43E-3	-4.39E-4	-9.17E-4
	CC11	-0.3955	1.2154	-0.7791	6.36E-3	3.32E-3	-1.01E-3
	CC12	-0.3374	1.1000	-0.7104	5.79E-3	2.80E-3	-6.04E-4
	CC13	0.3175	-1.0883	0.4972	-5.59E-3	-2.20E-3	5.88E-4
	CC14	0.3756	-1.2036	0.5659	-6.17E-3	-2.72E-3	9.90E-4
	CC15	-0.1154	-1.0860	0.4475	-5.24E-3	1.04E-3	9.02E-4
	CC16	-0.0573	-1.2014	0.5163	-5.81E-3	5.18E-4	1.30E-3
18	CC1	0.8724	0.3846	-0.1722	5.36E-4	-6.01E-3	-9.34E-4
	CC2	0.8502	0.3003	-0.2084	4.67E-4	-5.86E-3	-6.40E-4
	CC3	0.8306	-0.3058	-0.4833	-1.42E-3	-6.57E-3	-3.62E-4
	CC4	0.8083	-0.3902	-0.5195	-1.49E-3	-6.42E-3	-6.77E-5
	CC5	-0.8003	0.3922	0.3468	1.55E-3	6.38E-3	1.10E-4
	CC6	-0.8225	0.3078	0.3106	1.48E-3	6.52E-3	4.05E-4
	CC7	-0.8421	-0.2982	0.0358	-4.04E-4	5.82E-3	6.83E-4
	CC8	-0.8644	-0.3826	-0.0004	-4.73E-4	5.96E-3	9.77E-4
	CC9	0.3399	1.2083	0.3790	3.18E-3	-1.05E-3	-1.29E-3
	CC10	0.3095	1.0929	0.3295	3.09E-3	-8.48E-4	-8.88E-4
	CC11	-0.1619	1.2105	0.5347	3.49E-3	2.67E-3	-9.77E-4
	CC12	-0.1923	1.0952	0.4852	3.39E-3	2.87E-3	-5.75E-4
	CC13	0.2004	-1.0932	-0.6578	-3.33E-3	-2.91E-3	6.17E-4
	CC14	0.1700	-1.2085	-0.7073	-3.43E-3	-2.71E-3	1.02E-3
	CC15	-0.3014	-1.0909	-0.5021	-3.03E-3	8.04E-4	9.31E-4
	CC16	-0.3318	-1.2062	-0.5516	-3.12E-3	1.00E-3	1.33E-3
19	CC1	0.7453	0.3894	-0.1195	7.55E-4	-6.79E-3	-9.79E-4
	CC2	0.7583	0.3050	-0.1089	3.85E-4	-6.84E-3	-6.85E-4
	CC3	0.7721	-0.3010	-0.1050	-2.81E-3	-7.82E-3	-4.07E-4
	CC4	0.7852	-0.3854	-0.0943	-3.18E-3	-7.86E-3	-1.13E-4
	CC5	-0.8021	0.3970	-0.0951	3.46E-3	8.38E-3	6.56E-5
	CC6	-0.7890	0.3126	-0.0845	3.09E-3	8.33E-3	3.60E-4
	CC7	-0.7752	-0.2934	-0.0806	-1.03E-4	7.36E-3	6.38E-4
	CC8	-0.7622	-0.3778	-0.0699	-4.73E-4	7.31E-3	9.32E-4
	CC9	0.1700	1.2130	-0.1299	5.93E-3	-2.84E-4	-1.33E-3

	CC10	0.1879	1.0977	-0.1154	5.43E-3	-3.43E-4	-9.33E-4
	CC11	-0.2942	1.2153	-0.1226	6.75E-3	4.27E-3	-1.02E-3
	CC12	-0.2763	1.1000	-0.1081	6.24E-3	4.21E-3	-6.19E-4
	CC13	0.2594	-1.0884	-0.0814	-5.96E-3	-3.69E-3	5.72E-4
	CC14	0.2773	-1.2037	-0.0668	-6.46E-3	-3.75E-3	9.75E-4
	CC15	-0.2048	-1.0861	-0.0741	-5.15E-3	8.61E-4	8.86E-4
	CC16	-0.1869	-1.2014	-0.0595	-5.65E-3	8.02E-4	1.29E-3
20	CC1	0.6065	0.3894	-0.2849	1.09E-3	-3.66E-3	-9.54E-4
	CC2	0.6615	0.3050	-0.2176	7.13E-4	-4.06E-3	-6.60E-4
	CC3	0.7148	-0.3010	0.2353	-2.70E-3	-3.73E-3	-3.82E-4
	CC4	0.7698	-0.3854	0.3026	-3.07E-3	-4.13E-3	-8.80E-5
	CC5	-0.7920	0.3970	-0.5256	3.32E-3	4.59E-3	9.02E-5
	CC6	-0.7370	0.3126	-0.4583	2.94E-3	4.19E-3	3.84E-4
	CC7	-0.6836	-0.2934	-0.0054	-4.67E-4	4.52E-3	6.62E-4
	CC8	-0.6286	-0.3778	0.0619	-8.40E-4	4.12E-3	9.57E-4
	CC9	-0.0195	1.2130	-0.9884	6.35E-3	-6.10E-4	-1.31E-3
	CC10	0.0557	1.0977	-0.8964	5.84E-3	-1.16E-3	-9.08E-4
	CC11	-0.4390	1.2153	-1.0606	7.02E-3	1.87E-3	-9.97E-4
	CC12	-0.3639	1.1000	-0.9686	6.51E-3	1.31E-3	-5.95E-4
	CC13	0.3417	-1.0884	0.7456	-6.27E-3	-8.54E-4	5.97E-4
	CC14	0.4169	-1.2037	0.8376	-6.78E-3	-1.41E-3	9.99E-4
	CC15	-0.0778	-1.0861	0.6734	-5.60E-3	1.62E-3	9.10E-4
	CC16	-0.0027	-1.2014	0.7654	-6.11E-3	1.07E-3	1.31E-3
21	CC1	0.6285	0.5682	-0.7615	3.58E-3	-3.96E-3	-9.55E-4
	CC2	0.6769	0.4294	-0.7172	2.79E-3	-4.22E-3	-6.60E-4
	CC3	0.7240	-0.2281	-0.5141	3.74E-4	-4.38E-3	-3.82E-4
	CC4	0.7724	-0.3669	-0.4698	-4.17E-4	-4.64E-3	-8.82E-5
	CC5	-0.7935	0.3825	0.3480	6.12E-4	5.06E-3	9.00E-5
	CC6	-0.7451	0.2437	0.3923	-1.78E-4	4.80E-3	3.84E-4
	CC7	-0.6980	-0.4138	0.5954	-2.59E-3	4.64E-3	6.62E-4
	CC8	-0.6496	-0.5526	0.6397	-3.38E-3	4.38E-3	9.56E-4
	CC9	0.0105	1.4576	-0.6699	6.42E-3	-2.66E-4	-1.31E-3
	CC10	0.0766	1.2679	-0.6093	5.34E-3	-6.26E-4	-9.08E-4
	CC11	-0.4161	1.4019	-0.3370	5.53E-3	2.44E-3	-9.97E-4
	CC12	-0.3499	1.2122	-0.2764	4.45E-3	2.08E-3	-5.95E-4
	CC13	0.3288	-1.1966	0.1547	-4.25E-3	-1.66E-3	5.97E-4
	CC14	0.3949	-1.3864	0.2153	-5.33E-3	-2.02E-3	9.99E-4
	CC15	-0.0978	-1.2523	0.4875	-5.14E-3	1.04E-3	9.10E-4
	CC16	-0.0317	-1.4421	0.5481	-6.22E-3	6.83E-4	1.31E-3
22	CC1	0.7434	0.5681	-0.3328	3.75E-3	-4.79E-3	-9.56E-4
	CC2	0.7564	0.4293	-0.3812	2.96E-3	-4.85E-3	-6.62E-4
	CC3	0.7702	-0.2281	-0.4678	5.06E-4	-5.32E-3	-3.84E-4
	CC4	0.7833	-0.3669	-0.5163	-2.90E-4	-5.38E-3	-8.98E-5
	CC5	-0.8040	0.3825	0.4186	5.03E-4	5.73E-3	8.84E-5
	CC6	-0.7909	0.2437	0.3702	-2.92E-4	5.67E-3	3.83E-4
	CC7	-0.7772	-0.4138	0.2835	-2.74E-3	5.20E-3	6.61E-4
	CC8	-0.7641	-0.5526	0.2351	-3.54E-3	5.14E-3	9.55E-4
	CC9	0.1681	1.4576	0.0967	6.55E-3	-4.81E-4	-1.31E-3
	CC10	0.1860	1.2679	0.0305	5.46E-3	-5.65E-4	-9.10E-4
	CC11	-0.2961	1.4019	0.3221	5.58E-3	2.67E-3	-9.99E-4
	CC12	-0.2782	1.2122	0.2559	4.49E-3	2.59E-3	-5.97E-4
	CC13	0.2575	-1.1967	-0.3536	-4.27E-3	-2.24E-3	5.95E-4
	CC14	0.2754	-1.3864	-0.4198	-5.36E-3	-2.33E-3	9.97E-4
	CC15	-0.2067	-1.2524	-0.1282	-5.25E-3	9.12E-4	9.09E-4
	CC16	-0.1888	-1.4421	-0.1944	-6.34E-3	8.28E-4	1.31E-3
23	CC1	0.7454	0.1267	1.1011	1.89E-3	-3.96E-3	-9.56E-4
	CC2	0.7584	0.1218	1.1772	1.39E-3	-4.23E-3	-6.61E-4
	CC3	0.7722	-0.4092	1.3216	-1.46E-3	-4.69E-3	-3.83E-4
	CC4	0.7853	-0.4141	1.3977	-1.96E-3	-4.96E-3	-8.91E-5
	CC5	-0.8020	0.4163	-2.2342	2.10E-3	8.08E-3	8.91E-5
	CC6	-0.7889	0.4114	-2.1581	1.60E-3	7.81E-3	3.83E-4
	CC7	-0.7752	-0.1196	-2.0137	-1.26E-3	7.35E-3	6.61E-4
	CC8	-0.7621	-0.1245	-1.9376	-1.75E-3	7.08E-3	9.56E-4
	CC9	0.1701	0.8542	-0.3374	5.97E-3	1.17E-3	-1.31E-3
	CC10	0.1880	0.8475	-0.2334	5.29E-3	7.91E-4	-9.09E-4
	CC11	-0.2941	0.9411	-1.3380	6.03E-3	4.78E-3	-9.98E-4
	CC12	-0.2762	0.9344	-1.2340	5.35E-3	4.40E-3	-5.96E-4
	CC13	0.2595	-0.9322	0.3976	-5.21E-3	-1.28E-3	5.96E-4
	CC14	0.2774	-0.9389	0.5015	-5.89E-3	-1.66E-3	9.98E-4
	CC15	-0.2047	-0.8453	-0.6030	-5.15E-3	2.33E-3	9.09E-4
	CC16	-0.1868	-0.8521	-0.4991	-5.83E-3	1.95E-3	1.31E-3
24	CC1	0.6286	0.1267	0.8772	1.85E-3	-3.96E-3	-9.56E-4
	CC2	0.6770	0.1218	1.0127	1.36E-3	-4.24E-3	-6.61E-4

	CC3	0.7241	-0.4092	1.5000	-1.49E-3	-4.70E-3	-3.83E-4
	CC4	0.7725	-0.4141	1.6355	-1.98E-3	-4.98E-3	-8.91E-5
	CC5	-0.7934	0.4163	-2.4859	2.08E-3	8.09E-3	8.91E-5
	CC6	-0.7450	0.4114	-2.3504	1.59E-3	7.82E-3	3.83E-4
	CC7	-0.6979	-0.1196	-1.8631	-1.26E-3	7.35E-3	6.61E-4
	CC8	-0.6495	-0.1245	-1.7277	-1.76E-3	7.07E-3	9.56E-4
	CC9	0.0107	0.8542	-1.0513	5.92E-3	1.18E-3	-1.31E-3
	CC10	0.0768	0.8475	-0.8661	5.25E-3	8.00E-4	-9.09E-4
	CC11	-0.4159	0.9411	-2.0602	5.99E-3	4.79E-3	-9.98E-4
	CC12	-0.3498	0.9344	-1.8751	5.32E-3	4.42E-3	-5.96E-4
	CC13	0.3289	-0.9322	1.0246	-5.22E-3	-1.30E-3	5.96E-4
	CC14	0.3951	-0.9389	1.2098	-5.89E-3	-1.68E-3	9.98E-4
	CC15	-0.0977	-0.8453	0.0157	-5.15E-3	2.31E-3	9.09E-4
	CC16	-0.0315	-0.8521	0.2008	-5.82E-3	1.94E-3	1.31E-3
25	CC1	0.4050	-0.1744	0.1468	1.76E-3	-5.19E-4	-7.02E-4
	CC2	0.3896	-0.1373	0.1179	1.28E-3	-5.03E-4	-5.48E-4
	CC3	0.4487	-0.4748	-0.0313	-1.09E-3	-5.78E-4	-7.58E-4
	CC4	0.4333	-0.4376	-0.0602	-1.57E-3	-5.61E-4	-6.04E-4
	CC5	-0.4773	0.4843	-0.0758	1.95E-3	-1.35E-4	6.70E-4
	CC6	-0.4926	0.5215	-0.1047	1.46E-3	-1.18E-4	8.24E-4
	CC7	-0.4336	0.1840	-0.2538	-9.02E-4	-1.93E-4	6.14E-4
	CC8	-0.4490	0.2211	-0.2828	-1.39E-3	-1.76E-4	7.68E-4
	CC9	0.0481	0.3997	0.2820	5.24E-3	-3.20E-4	-1.85E-4
	CC10	0.0271	0.4504	0.2424	4.58E-3	-2.97E-4	2.58E-5
	CC11	-0.2166	0.5973	0.2152	5.30E-3	-2.04E-4	2.27E-4
	CC12	-0.2376	0.6481	0.1757	4.64E-3	-1.82E-4	4.37E-4
	CC13	0.1937	-0.6014	-0.3116	-4.26E-3	-5.14E-4	-3.72E-4
	CC14	0.1726	-0.5506	-0.3512	-4.92E-3	-4.92E-4	-1.61E-4
	CC15	-0.0710	-0.4037	-0.3784	-4.20E-3	-3.99E-4	3.98E-5
	CC16	-0.0921	-0.3530	-0.4179	-4.87E-3	-3.76E-4	2.50E-4
26	CC1	0.4965	-0.3583	-0.0875	-5.03E-4	-2.37E-4	-1.37E-3
	CC2	0.5322	-0.2867	-0.0538	-3.71E-4	-2.58E-4	-1.07E-3
	CC3	0.5569	-0.9375	0.1119	-1.29E-4	-3.86E-4	-1.48E-3
	CC4	0.5926	-0.8659	0.1457	2.47E-6	-4.07E-4	-1.18E-3
	CC5	-0.6231	0.9122	-0.3008	-2.27E-4	-4.25E-4	1.28E-3
	CC6	-0.5874	0.9838	-0.2671	-9.50E-5	-4.46E-4	1.57E-3
	CC7	-0.5626	0.3330	-0.1014	1.46E-4	-5.74E-4	1.17E-3
	CC8	-0.5269	0.4046	-0.0677	2.78E-4	-5.95E-4	1.47E-3
	CC9	0.0276	0.7489	-0.4010	-8.66E-4	-1.25E-4	-3.71E-4
	CC10	0.0764	0.8468	-0.3549	-6.86E-4	-1.54E-4	3.51E-5
	CC11	-0.3083	1.1301	-0.4650	-7.83E-4	-1.81E-4	4.23E-4
	CC12	-0.2595	1.2279	-0.4189	-6.03E-4	-2.10E-4	8.29E-4
	CC13	0.2290	-1.1817	0.2637	3.79E-4	-6.22E-4	-7.31E-4
	CC14	0.2778	-1.0838	0.3098	5.59E-4	-6.51E-4	-3.25E-4
	CC15	-0.1068	-0.8005	0.1997	4.61E-4	-6.78E-4	6.22E-5
	CC16	-0.0580	-0.7027	0.2458	6.42E-4	-7.07E-4	4.68E-4
27	CC1	0.9183	0.4886	-0.2300	9.31E-4	-3.02E-3	-2.65E-3
	CC2	0.9844	0.3735	-0.1800	6.45E-4	-3.23E-3	-2.10E-3
	CC3	1.0302	-0.4939	0.1322	-1.91E-3	-3.18E-3	-2.85E-3
	CC4	1.0963	-0.6090	0.1822	-2.19E-3	-3.39E-3	-2.30E-3
	CC5	-1.1550	0.6368	-0.3961	2.43E-3	3.98E-3	2.25E-3
	CC6	-1.0888	0.5217	-0.3461	2.15E-3	3.76E-3	2.80E-3
	CC7	-1.0430	-0.3457	-0.0339	-4.06E-4	3.82E-3	2.05E-3
	CC8	-0.9769	-0.4608	0.0161	-6.92E-4	3.60E-3	2.60E-3
	CC9	0.0499	1.7078	-0.7198	4.82E-3	-3.44E-4	-8.02E-4
	CC10	0.1403	1.5504	-0.6515	4.43E-3	-6.36E-4	-4.97E-5
	CC11	-0.5720	1.7523	-0.7697	5.27E-3	1.76E-3	6.68E-4
	CC12	-0.4816	1.5949	-0.7013	4.88E-3	1.46E-3	1.42E-3
	CC13	0.4230	-1.5671	0.4874	-4.64E-3	-8.80E-4	-1.47E-3
	CC14	0.5134	-1.7245	0.5558	-5.03E-3	-1.17E-3	-7.17E-4
	CC15	-0.1990	-1.5226	0.4376	-4.19E-3	1.22E-3	3.82E-7
	CC16	-0.1086	-1.6800	0.5059	-4.58E-3	9.27E-4	7.53E-4
28	CC1	1.5036	0.4845	-0.2076	7.16E-3	-2.03E-3	-2.54E-3
	CC2	1.4487	0.3693	-0.2474	4.55E-3	-1.68E-3	-1.99E-3
	CC3	1.6596	-0.4980	-0.5336	-5.77E-3	-9.20E-4	-2.74E-3
	CC4	1.6046	-0.6132	-0.5734	-8.38E-3	-5.70E-4	-2.19E-3
	CC5	-1.6474	0.6327	0.3886	8.53E-3	7.36E-4	2.36E-3
	CC6	-1.7024	0.5175	0.3488	5.93E-3	1.09E-3	2.91E-3
	CC7	-1.4914	-0.3498	0.0625	-4.39E-3	1.85E-3	2.16E-3
	CC8	-1.5464	-0.4650	0.0227	-7.00E-3	2.20E-3	2.71E-3
	CC9	0.2289	1.7037	0.3888	2.32E-2	-2.42E-3	-6.92E-4
	CC10	0.1538	1.5463	0.3343	1.96E-2	-1.94E-3	6.00E-5
	CC11	-0.7164	1.7481	0.5676	2.36E-2	-1.59E-3	7.77E-4

	CC12	-0.7915	1.5908	0.5132	2.00E-2	-1.11E-3	1.53E-3
	CC13	0.7488	-1.5712	-0.6980	-1.99E-2	1.28E-3	-1.36E-3
	CC14	0.6736	-1.7286	-0.7524	-2.35E-2	1.76E-3	-6.07E-4
	CC15	-0.1966	-1.5268	-0.5192	-1.95E-2	2.11E-3	1.10E-4
	CC16	-0.2717	-1.6842	-0.5736	-2.30E-2	2.59E-3	8.62E-4
29	CC1	1.1822	0.4885	-0.1121	1.15E-3	-3.55E-3	-2.65E-3
	CC2	1.1933	0.3734	-0.0999	7.83E-4	-3.65E-3	-2.10E-3
	CC3	1.3141	-0.4939	-0.0875	-2.30E-3	-5.25E-3	-2.85E-3
	CC4	1.3252	-0.6091	-0.0752	-2.67E-3	-5.36E-3	-2.30E-3
	CC5	-1.3810	0.6367	-0.1150	2.92E-3	6.00E-3	2.25E-3
	CC6	-1.3699	0.5216	-0.1028	2.55E-3	5.89E-3	2.80E-3
	CC7	-1.2490	-0.3457	-0.0904	-5.33E-4	4.30E-3	2.05E-3
	CC8	-1.2379	-0.4609	-0.0782	-9.02E-4	4.19E-3	2.60E-3
	CC9	0.1291	1.7078	-0.1441	5.87E-3	1.81E-3	-7.99E-4
	CC10	0.1443	1.5504	-0.1274	5.36E-3	1.66E-3	-4.71E-5
	CC11	-0.6398	1.7522	-0.1450	6.40E-3	4.67E-3	6.70E-4
	CC12	-0.6247	1.5948	-0.1283	5.89E-3	4.52E-3	1.42E-3
	CC13	0.5689	-1.5672	-0.0620	-5.64E-3	-3.88E-3	-1.47E-3
	CC14	0.5841	-1.7246	-0.0453	-6.15E-3	-4.03E-3	-7.14E-4
	CC15	-0.2000	-1.5227	-0.0629	-5.11E-3	-1.01E-3	2.97E-6
	CC16	-0.1849	-1.6801	-0.0462	-5.62E-3	-1.16E-3	7.55E-4
30	CC1	0.8063	0.4887	-0.2891	2.33E-3	-2.24E-3	-2.63E-3
	CC2	0.8959	0.3735	-0.2214	1.66E-3	-2.75E-3	-2.08E-3
	CC3	0.9097	-0.4938	0.2332	-2.95E-3	-2.43E-3	-2.83E-3
	CC4	0.9993	-0.6089	0.3008	-3.63E-3	-2.94E-3	-2.28E-3
	CC5	-1.0587	0.6369	-0.5254	3.86E-3	3.55E-3	2.27E-3
	CC6	-0.9691	0.5217	-0.4578	3.19E-3	3.04E-3	2.82E-3
	CC7	-0.9552	-0.3456	-0.0032	-1.42E-3	3.36E-3	2.07E-3
	CC8	-0.8657	-0.4607	0.0645	-2.09E-3	2.85E-3	2.62E-3
	CC9	0.0165	1.7079	-0.9935	9.16E-3	1.13E-4	-7.86E-4
	CC10	0.1389	1.5505	-0.9011	8.24E-3	-5.87E-4	-3.41E-5
	CC11	-0.5430	1.7524	-1.0644	9.62E-3	1.85E-3	6.83E-4
	CC12	-0.4206	1.5950	-0.9720	8.70E-3	1.15E-3	1.44E-3
	CC13	0.3612	-1.5670	0.7474	-8.46E-3	-5.38E-4	-1.45E-3
	CC14	0.4836	-1.7244	0.8398	-9.38E-3	-1.24E-3	-7.01E-4
	CC15	-0.1983	-1.5226	0.6765	-8.00E-3	1.20E-3	1.60E-5
	CC16	-0.0759	-1.6800	0.7689	-8.92E-3	4.99E-4	7.68E-4
31	CC1	0.8659	0.7783	-0.5183	4.88E-3	-2.58E-3	-2.63E-3
	CC2	0.9430	0.6026	-0.4445	3.89E-3	-2.61E-3	-2.08E-3
	CC3	0.9738	-0.1821	-0.2496	2.36E-3	-3.82E-3	-2.83E-3
	CC4	1.0509	-0.3578	-0.1758	1.37E-3	-3.85E-3	-2.28E-3
	CC5	-1.1093	0.3876	0.0126	-1.14E-3	4.38E-3	2.27E-3
	CC6	-1.0322	0.2119	0.0864	-2.12E-3	4.35E-3	2.82E-3
	CC7	-1.0014	-0.5728	0.2813	-3.66E-3	3.14E-3	2.07E-3
	CC8	-0.9243	-0.7485	0.3551	-4.64E-3	3.11E-3	2.62E-3
	CC9	0.0345	1.7944	-0.6595	5.89E-3	1.31E-3	-7.87E-4
	CC10	0.1400	1.5542	-0.5586	4.54E-3	1.26E-3	-3.41E-5
	CC11	-0.5581	1.6771	-0.5003	4.09E-3	3.40E-3	6.83E-4
	CC12	-0.4526	1.4370	-0.3994	2.74E-3	3.35E-3	1.44E-3
	CC13	0.3942	-1.4072	0.2362	-2.51E-3	-2.82E-3	-1.45E-3
	CC14	0.4997	-1.6473	0.3371	-3.85E-3	-2.87E-3	-7.01E-4
	CC15	-0.1984	-1.5244	0.3954	-4.31E-3	-7.32E-4	1.59E-5
	CC16	-0.0929	-1.7645	0.4963	-5.66E-3	-7.76E-4	7.68E-4
32	CC1	1.1821	0.7784	0.1173	5.58E-3	-1.39E-3	-2.63E-3
	CC2	1.1932	0.6027	0.0676	4.54E-3	-1.70E-3	-2.08E-3
	CC3	1.3140	-0.1821	0.0922	3.15E-3	-2.38E-3	-2.83E-3
	CC4	1.3251	-0.3578	0.0425	2.11E-3	-2.69E-3	-2.28E-3
	CC5	-1.3810	0.3877	-0.1782	-1.88E-3	3.21E-3	2.27E-3
	CC6	-1.3700	0.2120	-0.2278	-2.92E-3	2.89E-3	2.82E-3
	CC7	-1.2491	-0.5728	-0.2032	-4.31E-3	2.21E-3	2.07E-3
	CC8	-1.2380	-0.7485	-0.2529	-5.35E-3	1.90E-3	2.62E-3
	CC9	0.1290	1.7944	0.0522	6.00E-3	1.43E-3	-7.84E-4
	CC10	0.1442	1.5542	-0.0157	4.58E-3	1.01E-3	-3.21E-5
	CC11	-0.6399	1.6772	-0.0364	3.76E-3	2.81E-3	6.85E-4
	CC12	-0.6247	1.4370	-0.1044	2.34E-3	2.39E-3	1.44E-3
	CC13	0.5688	-1.4072	-0.0313	-2.11E-3	-1.87E-3	-1.45E-3
	CC14	0.5840	-1.6473	-0.0992	-3.53E-3	-2.30E-3	-6.99E-4
	CC15	-0.2001	-1.5244	-0.1199	-4.35E-3	-4.95E-4	1.80E-5
	CC16	-0.1850	-1.7645	-0.1878	-5.77E-3	-9.22E-4	7.70E-4
33	CC1	1.1909	-0.6830	-0.0711	3.29E-3	-1.56E-3	-2.60E-3
	CC2	1.2020	-0.5504	0.0197	2.92E-3	-1.50E-3	-2.05E-3
	CC3	1.3229	-1.7556	0.4124	6.93E-4	-1.07E-3	-2.80E-3
	CC4	1.3339	-1.6230	0.5033	3.29E-4	-1.01E-3	-2.25E-3

	CC5	-1.3722	1.6698	-0.6800	-2.90E-4	-7.72E-5	2.30E-3
	CC6	-1.3611	1.8024	-0.5891	-6.54E-4	-1.52E-5	2.85E-3
	CC7	-1.2403	0.5973	-0.1964	-2.88E-3	4.11E-4	2.10E-3
	CC8	-1.2292	0.7298	-0.1055	-3.25E-3	4.73E-4	2.65E-3
	CC9	0.1379	1.3675	-0.8651	5.13E-3	-1.62E-3	-7.52E-4
	CC10	0.1530	1.5487	-0.7409	4.63E-3	-1.54E-3	-4.55E-8
	CC11	-0.6311	2.0734	-1.0477	4.05E-3	-1.18E-3	7.17E-4
	CC12	-0.6159	2.2546	-0.9235	3.56E-3	-1.09E-3	1.47E-3
	CC13	0.5776	-2.2077	0.7469	-3.52E-3	6.12E-6	-1.42E-3
	CC14	0.5928	-2.0265	0.8711	-4.01E-3	9.08E-5	-6.67E-4
	CC15	-0.1913	-1.5019	0.5642	-4.59E-3	4.50E-4	5.00E-5
	CC16	-0.1761	-1.3207	0.6884	-5.09E-3	5.35E-4	8.02E-4
34	CC1	0.8808	-0.6833	-0.0839	-5.15E-4	-2.01E-4	-2.58E-3
	CC2	0.9579	-0.5507	-0.0253	-3.44E-4	-2.09E-4	-2.03E-3
	CC3	0.9887	-1.7559	0.2744	-3.25E-5	-3.52E-4	-2.78E-3
	CC4	1.0658	-1.6233	0.3330	1.38E-4	-3.61E-4	-2.23E-3
	CC5	-1.0945	1.6695	-0.4839	-3.54E-4	-5.39E-4	2.32E-3
	CC6	-1.0173	1.8021	-0.4252	-1.84E-4	-5.48E-4	2.87E-3
	CC7	-0.9865	0.5970	-0.1256	1.28E-4	-6.90E-4	2.12E-3
	CC8	-0.9094	0.7296	-0.0669	2.98E-4	-6.99E-4	2.67E-3
	CC9	0.0494	1.3672	-0.6527	-1.05E-3	-1.41E-4	-7.33E-4
	CC10	0.1548	1.5484	-0.5725	-8.20E-4	-1.53E-4	1.96E-5
	CC11	-0.5432	2.0731	-0.7727	-1.00E-3	-2.42E-4	7.37E-4
	CC12	-0.4377	2.2543	-0.6925	-7.72E-4	-2.54E-4	1.49E-3
	CC13	0.4091	-2.2080	0.5417	5.55E-4	-6.46E-4	-1.40E-3
	CC14	0.5145	-2.0268	0.6218	7.88E-4	-6.58E-4	-6.48E-4
	CC15	-0.1835	-1.5022	0.4217	6.03E-4	-7.47E-4	6.96E-5
	CC16	-0.0780	-1.3210	0.5018	8.36E-4	-7.59E-4	8.22E-4
35	CC1	1.5938	-0.6831	0.9645	8.45E-3	-1.05E-3	-2.59E-3
	CC2	1.5196	-0.5505	0.7881	6.18E-3	-9.85E-4	-2.04E-3
	CC3	1.7568	-1.7556	-0.0905	-4.40E-3	-1.20E-3	-2.79E-3
	CC4	1.6826	-1.6231	-0.2669	-6.67E-3	-1.13E-3	-2.24E-3
	CC5	-1.7287	1.6698	0.1436	7.03E-3	3.50E-4	2.31E-3
	CC6	-1.8029	1.8023	-0.0328	4.77E-3	4.17E-4	2.86E-3
	CC7	-1.5657	0.5972	-0.9113	-5.82E-3	2.03E-4	2.10E-3
	CC8	-1.6399	0.7298	-1.0877	-8.09E-3	2.71E-4	2.66E-3
	CC9	0.2544	1.3674	1.9403	2.34E-2	-4.03E-4	-7.47E-4
	CC10	0.1530	1.5486	1.6992	2.03E-2	-3.11E-4	5.56E-6
	CC11	-0.7423	2.0733	1.6941	2.29E-2	1.72E-5	7.23E-4
	CC12	-0.8438	2.2545	1.4530	1.98E-2	1.10E-4	1.48E-3
	CC13	0.7977	-2.2078	-1.5762	-1.95E-2	-8.91E-4	-1.41E-3
	CC14	0.6962	-2.0266	-1.8174	-2.26E-2	-7.98E-4	-6.62E-4
	CC15	-0.1991	-1.5019	-1.8225	-1.99E-2	-4.70E-4	5.56E-5
	CC16	-0.3006	-1.3207	-2.0636	-2.30E-2	-3.78E-4	8.08E-4
36	CC1	0.8803	-0.9552	-0.1171	2.47E-4	1.25E-4	-2.62E-3
	CC2	0.9575	-0.7648	-0.0354	5.24E-4	-1.30E-4	-2.07E-3
	CC3	0.9882	-2.0488	0.3695	1.31E-3	-1.28E-3	-2.82E-3
	CC4	1.0654	-1.8584	0.4512	1.59E-3	-1.54E-3	-2.27E-3
	CC5	-1.0949	1.9121	-0.5236	-1.78E-3	8.22E-4	2.27E-3
	CC6	-1.0178	2.1024	-0.4418	-1.51E-3	5.67E-4	2.82E-3
	CC7	-0.9870	0.8185	-0.0370	-7.17E-4	-5.87E-4	2.07E-3
	CC8	-0.9099	1.0089	0.0448	-4.40E-4	-8.43E-4	2.62E-3
	CC9	0.0489	1.2893	-0.8421	-1.76E-3	2.06E-3	-7.77E-4
	CC10	0.1544	1.5495	-0.7303	-1.38E-3	1.71E-3	-2.50E-5
	CC11	-0.5436	2.1495	-0.9640	-2.37E-3	2.27E-3	6.92E-4
	CC12	-0.4382	2.4097	-0.8522	-1.99E-3	1.92E-3	1.44E-3
	CC13	0.4086	-2.3560	0.7799	1.79E-3	-2.64E-3	-1.44E-3
	CC14	0.5141	-2.0958	0.8917	2.17E-3	-2.99E-3	-6.92E-4
	CC15	-0.1839	-1.4958	0.6580	1.19E-3	-2.43E-3	2.50E-5
	CC16	-0.0785	-1.2356	0.7697	1.56E-3	-2.78E-3	7.77E-4
37	CC1	1.5939	-0.9557	1.0006	6.99E-3	-2.89E-4	-2.62E-3
	CC2	1.5197	-0.7653	0.8432	5.04E-3	-4.94E-4	-2.07E-3
	CC3	1.7569	-2.0492	0.0842	-4.02E-3	-1.62E-3	-2.82E-3
	CC4	1.6827	-1.8589	-0.0732	-5.98E-3	-1.83E-3	-2.27E-3
	CC5	-1.7286	1.9116	0.0186	6.29E-3	1.19E-3	2.27E-3
	CC6	-1.8028	2.1020	-0.1388	4.33E-3	9.83E-4	2.82E-3
	CC7	-1.5656	0.8180	-0.8978	-4.72E-3	-1.46E-4	2.07E-3
	CC8	-1.6398	1.0084	-1.0552	-6.68E-3	-3.51E-4	2.62E-3
	CC9	0.2545	1.2888	1.7549	2.00E-2	1.82E-3	-7.77E-4
	CC10	0.1531	1.5490	1.5398	1.73E-2	1.54E-3	-2.50E-5
	CC11	-0.7422	2.1490	1.4603	1.97E-2	2.26E-3	6.92E-4
	CC12	-0.8437	2.4092	1.2452	1.71E-2	1.98E-3	1.44E-3
	CC13	0.7977	-2.3565	-1.2998	-1.68E-2	-2.62E-3	-1.44E-3

	CC14	0.6963	-2.0963	-1.5149	-1.94E-2	-2.90E-3	-6.92E-4
	CC15	-0.1990	-1.4963	-1.5944	-1.70E-2	-2.18E-3	2.50E-5
	CC16	-0.3005	-1.2361	-1.8095	-1.96E-2	-2.46E-3	7.77E-4
38	CC1	0.8626	3.3037	-0.4283	-5.31E-3	-3.20E-3	-6.70E-3
	CC2	1.3495	2.2591	-0.3945	-5.66E-3	-3.44E-3	-3.77E-3
	CC3	2.6311	-2.4992	-0.0228	-5.87E-3	-4.07E-3	2.87E-3
	CC4	3.1180	-3.5439	0.0110	-6.21E-3	-4.31E-3	5.80E-3
	CC5	-3.0748	3.6518	-0.2605	5.83E-3	2.03E-3	-5.54E-3
	CC6	-2.5878	2.6071	-0.2267	5.48E-3	1.79E-3	-2.61E-3
	CC7	-1.3063	-2.1512	0.1450	5.28E-3	1.16E-3	4.03E-3
	CC8	-0.8193	-3.1959	0.1787	4.93E-3	9.18E-4	6.96E-3
	CC9	-2.6680	10.3873	-0.8487	-7.02E-4	-3.12E-4	-1.80E-2
	CC10	-2.0025	8.9594	-0.8025	-1.18E-3	-6.46E-4	-1.40E-2
	CC11	-3.8492	10.4917	-0.7984	2.64E-3	1.26E-3	-1.77E-2
	CC12	-3.1837	9.0638	-0.7522	2.17E-3	9.23E-4	-1.37E-2
	CC13	3.2270	-8.9560	0.5027	-2.55E-3	-3.20E-3	1.39E-2
	CC14	3.8925	-10.3838	0.5489	-3.02E-3	-3.54E-3	1.79E-2
	CC15	2.0458	-8.8516	0.5530	7.93E-4	-1.63E-3	1.43E-2
	CC16	2.7113	-10.2794	0.5992	3.19E-4	-1.97E-3	1.83E-2
39	CC1	0.9899	1.4354	-0.1553	4.63E-3	-1.62E-3	-2.77E-3
	CC2	0.9229	0.9914	-0.1734	3.51E-3	-1.54E-3	-1.52E-3
	CC3	0.8462	-1.0309	-0.2988	-1.96E-3	-1.10E-3	1.30E-3
	CC4	0.7792	-1.4749	-0.3169	-3.08E-3	-1.02E-3	2.55E-3
	CC5	-0.7920	1.5833	0.1236	3.74E-3	4.80E-4	-2.28E-3
	CC6	-0.8591	1.1393	0.1055	2.62E-3	5.61E-4	-1.03E-3
	CC7	-0.9358	-0.8830	-0.0199	-2.85E-3	9.93E-4	1.79E-3
	CC8	-1.0028	-1.3270	-0.0381	-3.97E-3	1.07E-3	3.04E-3
	CC9	0.5462	4.4458	0.1131	1.22E-2	-1.50E-3	-7.57E-3
	CC10	0.4546	3.8390	0.0883	1.07E-2	-1.39E-3	-5.87E-3
	CC11	0.0116	4.4902	0.1968	1.19E-2	-8.68E-4	-7.43E-3
	CC12	-0.0800	3.8834	0.1720	1.04E-2	-7.57E-4	-5.72E-3
	CC13	0.0672	-3.7750	-0.3653	-9.76E-3	2.13E-4	5.99E-3
	CC14	-0.0245	-4.3819	-0.3901	-1.13E-2	3.24E-4	7.69E-3
	CC15	-0.4674	-3.7307	-0.2817	-1.00E-2	8.42E-4	6.14E-3
	CC16	-0.5591	-4.3375	-0.3064	-1.16E-2	9.53E-4	7.84E-3
40	CC1	1.5329	3.3037	-0.8864	3.24E-4	-1.72E-4	-6.71E-3
	CC2	1.7268	2.2590	-0.8593	1.56E-4	-5.65E-4	-3.78E-3
	CC3	2.3439	-2.4993	-0.4957	-2.33E-3	-2.47E-3	2.86E-3
	CC4	2.5378	-3.5440	-0.4686	-2.49E-3	-2.86E-3	5.79E-3
	CC5	-2.5206	3.6517	0.1939	2.72E-3	1.64E-3	-5.55E-3
	CC6	-2.3267	2.6070	0.2210	2.55E-3	1.25E-3	-2.62E-3
	CC7	-1.7096	-2.1513	0.5846	6.57E-5	-6.55E-4	4.02E-3
	CC8	-1.5157	-3.1960	0.6116	-1.02E-4	-1.05E-3	6.95E-3
	CC9	-0.8674	10.3872	-0.9690	4.28E-3	3.22E-3	-1.80E-2
	CC10	-0.6024	8.9593	-0.9320	4.05E-3	2.68E-3	-1.40E-2
	CC11	-2.0835	10.4916	-0.6449	5.00E-3	3.76E-3	-1.77E-2
	CC12	-1.8185	9.0638	-0.6079	4.77E-3	3.22E-3	-1.37E-2
	CC13	1.8357	-8.9561	0.3332	-4.55E-3	-4.45E-3	1.39E-2
	CC14	2.1007	-10.3839	0.3702	-4.78E-3	-4.98E-3	1.79E-2
	CC15	0.6196	-8.8517	0.6573	-3.83E-3	-3.90E-3	1.43E-2
	CC16	0.8846	-10.2795	0.6943	-4.06E-3	-4.44E-3	1.83E-2
41	CC1	0.5776	3.3037	-0.3260	1.89E-3	-2.02E-3	-6.71E-3
	CC2	1.1891	2.2590	-0.2552	3.28E-4	-2.68E-3	-3.78E-3
	CC3	2.7531	-2.4992	0.2187	-5.17E-3	-4.68E-3	2.86E-3
	CC4	3.3645	-3.5439	0.2895	-6.73E-3	-5.35E-3	5.79E-3
	CC5	-3.3104	3.6518	-0.5290	6.75E-3	3.25E-3	-5.55E-3
	CC6	-2.6989	2.6071	-0.4582	5.19E-3	2.59E-3	-2.62E-3
	CC7	-1.1349	-2.1512	0.0157	-3.07E-4	5.89E-4	4.03E-3
	CC8	-0.5235	-3.1959	0.0865	-1.87E-3	-7.65E-5	6.96E-3
	CC9	-3.4333	10.3872	-1.0455	1.21E-2	3.06E-3	-1.80E-2
	CC10	-2.5976	8.9594	-0.9488	9.98E-3	2.15E-3	-1.40E-2
	CC11	-4.5997	10.4917	-1.1064	1.36E-2	4.64E-3	-1.77E-2
	CC12	-3.7640	9.0638	-1.0097	1.14E-2	3.73E-3	-1.37E-2
	CC13	3.8182	-8.9560	0.7702	-1.14E-2	-5.82E-3	1.39E-2
	CC14	4.6539	-10.3838	0.8669	-1.36E-2	-6.73E-3	1.79E-2
	CC15	2.6518	-8.8516	0.7093	-9.96E-3	-4.24E-3	1.43E-2
	CC16	3.4875	-10.2794	0.8060	-1.21E-2	-5.15E-3	1.83E-2
42	CC1	0.0913	3.3037	-0.3307	-5.81E-4	-2.19E-3	-6.71E-3
	CC2	0.9152	2.2590	-0.1795	-1.51E-3	-2.90E-3	-3.78E-3
	CC3	2.9610	-2.4992	0.5703	-4.67E-3	-4.93E-3	2.87E-3
	CC4	3.7849	-3.5439	0.7215	-5.60E-3	-5.64E-3	5.80E-3
	CC5	-3.7125	3.6518	-0.9770	5.95E-3	2.90E-3	-5.55E-3
	CC6	-2.8886	2.6071	-0.8258	5.02E-3	2.19E-3	-2.62E-3

	CC7	-0.8428	-2.1512	-0.0760	1.86E-3	1.64E-4	4.03E-3
	CC8	-0.0189	-3.1959	0.0752	9.27E-4	-5.47E-4	6.96E-3
	CC9	-4.7391	10.3872	-1.6358	6.65E-3	2.91E-3	-1.80E-2
	CC10	-3.6130	8.9594	-1.4292	5.37E-3	1.94E-3	-1.40E-2
	CC11	-5.8802	10.4917	-1.8297	8.61E-3	4.44E-3	-1.77E-2
	CC12	-4.7541	9.0638	-1.6231	7.33E-3	3.47E-3	-1.37E-2
	CC13	4.8265	-8.9560	1.3675	-6.99E-3	-6.21E-3	1.39E-2
	CC14	5.9526	-10.3838	1.5742	-8.26E-3	-7.18E-3	1.79E-2
	CC15	3.6854	-8.8516	1.1736	-5.03E-3	-4.68E-3	1.43E-2
	CC16	4.8115	-10.2794	1.3803	-6.30E-3	-5.65E-3	1.83E-2
43	CC1	2.5726	3.3040	0.0493	7.13E-3	-3.50E-3	-6.71E-3
	CC2	2.3123	2.2593	-0.0526	5.84E-3	-3.32E-3	-3.78E-3
	CC3	1.8993	-2.4990	-0.6883	-2.55E-3	-2.28E-3	2.87E-3
	CC4	1.6390	-3.5437	-0.7902	-3.84E-3	-2.10E-3	5.80E-3
	CC5	-1.6609	3.6520	0.6213	4.57E-3	1.52E-3	-5.54E-3
	CC6	-1.9212	2.6073	0.5194	3.28E-3	1.70E-3	-2.61E-3
	CC7	-2.3342	-2.1510	-0.1163	-5.11E-3	2.74E-3	4.03E-3
	CC8	-2.5945	-3.1957	-0.2182	-6.40E-3	2.92E-3	6.96E-3
	CC9	1.9241	10.3875	1.1287	1.78E-2	-3.20E-3	-1.80E-2
	CC10	1.5683	8.9597	0.9894	1.60E-2	-2.95E-3	-1.40E-2
	CC11	0.6540	10.4919	1.3003	1.70E-2	-1.69E-3	-1.77E-2
	CC12	0.2982	9.0641	1.1610	1.52E-2	-1.44E-3	-1.37E-2
	CC13	-0.3202	-8.9557	-1.3299	-1.45E-2	8.65E-4	1.39E-2
	CC14	-0.6760	-10.3836	-1.4693	-1.63E-2	1.11E-3	1.79E-2
	CC15	-1.5902	-8.8513	-1.1583	-1.53E-2	2.37E-3	1.43E-2
	CC16	-1.9460	-10.2792	-1.2977	-1.70E-2	2.62E-3	1.83E-2
44	CC1	-0.1435	3.3037	-0.3100	-6.02E-4	-2.21E-3	-6.71E-3
	CC2	0.7830	2.2590	-0.1264	-1.52E-3	-2.92E-3	-3.78E-3
	CC3	3.0614	-2.4992	0.7333	-4.65E-3	-4.95E-3	2.87E-3
	CC4	3.9879	-3.5439	0.9169	-5.57E-3	-5.66E-3	5.80E-3
	CC5	-3.9066	3.6518	-1.1849	5.93E-3	2.89E-3	-5.55E-3
	CC6	-2.9801	2.6071	-1.0013	5.01E-3	2.18E-3	-2.62E-3
	CC7	-0.7018	-2.1512	-0.1417	1.89E-3	1.49E-4	4.03E-3
	CC8	0.2247	-3.1959	0.0419	9.67E-4	-5.64E-4	6.96E-3
	CC9	-5.3694	10.3872	-1.8670	6.57E-3	2.90E-3	-1.80E-2
	CC10	-4.1031	8.9594	-1.6161	5.32E-3	1.93E-3	-1.40E-2
	CC11	-6.4984	10.4917	-2.1295	8.53E-3	4.43E-3	-1.77E-2
	CC12	-5.2321	9.0638	-1.8785	7.28E-3	3.46E-3	-1.37E-2
	CC13	5.3133	-8.9560	1.6105	-6.91E-3	-6.23E-3	1.39E-2
	CC14	6.5796	-10.3838	1.8614	-8.17E-3	-7.21E-3	1.79E-2
	CC15	4.1844	-8.8516	1.3480	-4.95E-3	-4.70E-3	1.43E-2
	CC16	5.4507	-10.2794	1.5989	-6.21E-3	-5.68E-3	1.83E-2
45	CC1	2.5728	4.5445	-0.7148	4.27E-3	-3.37E-3	-6.83E-3
	CC2	2.3125	2.9577	-0.8134	3.69E-3	-3.60E-3	-3.90E-3
	CC3	1.8995	-3.0300	-1.3146	-1.31E-3	-3.94E-3	2.74E-3
	CC4	1.6392	-4.6168	-1.4132	-1.90E-3	-4.17E-3	5.67E-3
	CC5	-1.6607	4.6777	0.8950	2.91E-3	1.77E-3	-5.67E-3
	CC6	-1.9211	3.0908	0.7964	2.32E-3	1.54E-3	-2.74E-3
	CC7	-2.3340	-2.8968	0.2951	-2.67E-3	1.20E-3	3.90E-3
	CC8	-2.5943	-4.4836	0.1965	-3.26E-3	9.69E-4	6.83E-3
	CC9	1.9243	13.7189	0.5666	1.04E-2	-8.63E-4	-1.81E-2
	CC10	1.5685	11.5502	0.4318	9.62E-3	-1.18E-3	-1.41E-2
	CC11	0.6542	13.7589	1.0495	1.00E-2	6.79E-4	-1.78E-2
	CC12	0.2984	11.5901	0.9147	9.21E-3	3.62E-4	-1.38E-2
	CC13	-0.3200	-11.5293	-1.4330	-8.19E-3	-2.76E-3	1.38E-2
	CC14	-0.6758	-13.6980	-1.5677	-8.99E-3	-3.08E-3	1.78E-2
	CC15	-1.5901	-11.4893	-0.9501	-8.60E-3	-1.22E-3	1.41E-2
	CC16	-1.9458	-13.6581	-1.0848	-9.40E-3	-1.54E-3	1.81E-2
46	CC1	-0.1434	4.5445	-0.8119	-1.38E-3	-3.19E-3	-6.83E-3
	CC2	0.7830	2.9577	-0.7395	-2.06E-3	-3.65E-3	-3.90E-3
	CC3	3.0614	-3.0300	-0.1732	-4.38E-3	-4.74E-3	2.74E-3
	CC4	3.9879	-4.6168	-0.1008	-5.07E-3	-5.21E-3	5.67E-3
	CC5	-3.9066	4.6777	-0.7177	5.53E-3	2.17E-3	-5.67E-3
	CC6	-2.9801	3.0908	-0.6453	4.84E-3	1.71E-3	-2.74E-3
	CC7	-0.7018	-2.8968	-0.0789	2.52E-3	6.12E-4	3.90E-3
	CC8	0.2247	-4.4836	-0.0066	1.83E-3	1.50E-4	6.83E-3
	CC9	-5.3694	13.7189	-1.5374	4.67E-3	5.90E-4	-1.81E-2
	CC10	-4.1031	11.5502	-1.4385	3.73E-3	-4.15E-5	-1.41E-2
	CC11	-6.4983	13.7589	-1.5091	6.75E-3	2.20E-3	-1.78E-2
	CC12	-5.2321	11.5901	-1.4102	5.81E-3	1.57E-3	-1.38E-2
	CC13	5.3134	-11.5292	0.5917	-5.35E-3	-4.60E-3	1.38E-2
	CC14	6.5796	-13.6980	0.6906	-6.29E-3	-5.23E-3	1.78E-2
	CC15	4.1844	-11.4893	0.6200	-3.28E-3	-3.00E-3	1.41E-2

	CC16	5.4507	-13.6581	0.7189	-4.22E-3	-3.63E-3	1.81E-2
47	CC1	0.6668	0.5682	-0.6179	3.59E-3	-3.92E-3	-9.51E-4
	CC2	0.7034	0.4294	-0.6048	2.83E-3	-4.12E-3	-6.57E-4
	CC3	0.7394	-0.2281	-0.4990	4.34E-4	-4.46E-3	-3.79E-4
	CC4	0.7760	-0.3669	-0.4858	-3.35E-4	-4.66E-3	-8.50E-5
	CC5	-0.7970	0.3825	0.3721	5.40E-4	5.08E-3	9.32E-5
	CC6	-0.7604	0.2437	0.3853	-2.28E-4	4.88E-3	3.87E-4
	CC7	-0.7244	-0.4138	0.4910	-2.62E-3	4.54E-3	6.65E-4
	CC8	-0.6878	-0.5526	0.5042	-3.39E-3	4.34E-3	9.60E-4
	CC9	0.0630	1.4576	-0.4126	6.35E-3	-9.08E-5	-1.31E-3
	CC10	0.1131	1.2679	-0.3945	5.30E-3	-3.67E-4	-9.05E-4
	CC11	-0.3761	1.4019	-0.1155	5.44E-3	2.61E-3	-9.94E-4
	CC12	-0.3261	1.2122	-0.0975	4.39E-3	2.33E-3	-5.92E-4
	CC13	0.3050	-1.1966	-0.0162	-4.18E-3	-1.91E-3	6.00E-4
	CC14	0.3551	-1.3864	0.0018	-5.23E-3	-2.19E-3	1.00E-3
	CC15	-0.1341	-1.2523	0.2808	-5.10E-3	7.88E-4	9.13E-4
	CC16	-0.0841	-1.4421	0.2988	-6.15E-3	5.11E-4	1.32E-3
48	CC1	0.7051	0.5682	-0.4771	3.47E-3	-4.20E-3	-9.57E-4
	CC2	0.7299	0.4294	-0.4943	2.70E-3	-4.34E-3	-6.63E-4
	CC3	0.7548	-0.2281	-0.4838	3.26E-4	-4.79E-3	-3.85E-4
	CC4	0.7796	-0.3669	-0.5011	-4.39E-4	-4.93E-3	-9.10E-5
	CC5	-0.8005	0.3825	0.3953	6.38E-4	5.32E-3	8.72E-5
	CC6	-0.7757	0.2437	0.3781	-1.26E-4	5.18E-3	3.81E-4
	CC7	-0.7508	-0.4138	0.3886	-2.50E-3	4.73E-3	6.59E-4
	CC8	-0.7259	-0.5526	0.3713	-3.27E-3	4.59E-3	9.54E-4
	CC9	0.1156	1.4576	-0.1608	6.29E-3	-1.55E-4	-1.31E-3
	CC10	0.1495	1.2679	-0.1843	5.24E-3	-3.45E-4	-9.11E-4
	CC11	-0.3361	1.4019	0.1009	5.44E-3	2.70E-3	-1.00E-3
	CC12	-0.3021	1.2122	0.0774	4.39E-3	2.51E-3	-5.98E-4
	CC13	0.2813	-1.1966	-0.1832	-4.19E-3	-2.12E-3	5.94E-4
	CC14	0.3152	-1.3864	-0.2067	-5.24E-3	-2.31E-3	9.96E-4
	CC15	-0.1704	-1.2523	0.0786	-5.04E-3	7.40E-4	9.07E-4
	CC16	-0.1364	-1.4421	0.0550	-6.09E-3	5.50E-4	1.31E-3
49	CC1	0.4040	0.3205	-0.5426	3.38E-3	-3.45E-3	-6.16E-4
	CC2	0.4229	0.2359	-0.5445	2.65E-3	-3.63E-3	-4.19E-4
	CC3	0.4308	-0.2441	-0.4867	2.74E-4	-4.09E-3	-5.52E-5
	CC4	0.4497	-0.3287	-0.4887	-4.60E-4	-4.26E-3	1.42E-4
	CC5	-0.4458	0.3303	0.3792	6.54E-4	4.63E-3	-1.09E-4
	CC6	-0.4270	0.2457	0.3772	-7.93E-5	4.45E-3	8.81E-5
	CC7	-0.4190	-0.2344	0.4350	-2.45E-3	4.00E-3	4.52E-4
	CC8	-0.4002	-0.3189	0.4330	-3.18E-3	3.82E-3	6.49E-4
	CC9	0.0719	0.9982	-0.2847	6.18E-3	1.46E-4	-1.13E-3
	CC10	0.0976	0.8826	-0.2874	5.18E-3	-9.50E-5	-8.60E-4
	CC11	-0.1831	1.0011	-0.0082	5.37E-3	2.57E-3	-9.78E-4
	CC12	-0.1573	0.8855	-0.0109	4.36E-3	2.33E-3	-7.08E-4
	CC13	0.1612	-0.8840	-0.0987	-4.17E-3	-1.96E-3	7.41E-4
	CC14	0.1869	-0.9995	-0.1014	-5.17E-3	-2.20E-3	1.01E-3
	CC15	-0.0938	-0.8810	0.1779	-4.99E-3	4.61E-4	8.93E-4
	CC16	-0.0680	-0.9966	0.1752	-5.99E-3	2.20E-4	1.16E-3
50	CC1	0.6870	0.1267	0.9886	1.85E-3	-4.01E-3	-9.56E-4
	CC2	0.7177	0.1218	1.0945	1.36E-3	-4.27E-3	-6.61E-4
	CC3	0.7482	-0.4092	1.4104	-1.51E-3	-4.72E-3	-3.83E-4
	CC4	0.7789	-0.4141	1.5163	-2.00E-3	-4.98E-3	-8.91E-5
	CC5	-0.7977	0.4163	-2.3604	2.12E-3	8.09E-3	8.91E-5
	CC6	-0.7669	0.4114	-2.2545	1.62E-3	7.83E-3	3.83E-4
	CC7	-0.7365	-0.1196	-1.9386	-1.24E-3	7.38E-3	6.61E-4
	CC8	-0.7058	-0.1245	-1.8327	-1.74E-3	7.13E-3	9.56E-4
	CC9	0.0904	0.8542	-0.6951	5.95E-3	1.10E-3	-1.31E-3
	CC10	0.1324	0.8475	-0.5503	5.28E-3	7.46E-4	-9.09E-4
	CC11	-0.3550	0.9411	-1.6998	6.03E-3	4.73E-3	-9.98E-4
	CC12	-0.3130	0.9344	-1.5550	5.36E-3	4.38E-3	-5.96E-4
	CC13	0.2942	-0.9322	0.7110	-5.24E-3	-1.26E-3	5.96E-4
	CC14	0.3362	-0.9389	0.8557	-5.92E-3	-1.62E-3	9.98E-4
	CC15	-0.1512	-0.8453	-0.2937	-5.16E-3	2.37E-3	9.09E-4
	CC16	-0.1092	-0.8521	-0.1490	-5.84E-3	2.02E-3	1.31E-3
51	CC1	0.6213	0.2143	0.5019	1.83E-3	-4.08E-3	-9.56E-4
	CC2	0.6719	0.1829	0.6174	1.33E-3	-4.33E-3	-6.61E-4
	CC3	0.7211	-0.3731	1.0855	-1.55E-3	-4.77E-3	-3.83E-4
	CC4	0.7717	-0.4046	1.2010	-2.06E-3	-5.02E-3	-8.91E-5
	CC5	-0.7928	0.4099	-1.7782	2.12E-3	7.98E-3	8.91E-5
	CC6	-0.7422	0.3785	-1.6627	1.62E-3	7.73E-3	3.83E-4
	CC7	-0.6931	-0.1775	-1.1946	-1.27E-3	7.29E-3	6.61E-4
	CC8	-0.6425	-0.2090	-1.0791	-1.77E-3	7.04E-3	9.56E-4

	CC9	0.0007	0.9738	-0.9981	5.97E-3	9.86E-4	-1.31E-3
	CC10	0.0698	0.9309	-0.8404	5.29E-3	6.42E-4	-9.09E-4
	CC11	-0.4236	1.0325	-1.6822	6.06E-3	4.60E-3	-9.98E-4
	CC12	-0.3544	0.9896	-1.5244	5.37E-3	4.26E-3	-5.96E-4
	CC13	0.3333	-0.9843	0.9472	-5.31E-3	-1.30E-3	5.96E-4
	CC14	0.4024	-1.0272	1.1050	-6.00E-3	-1.64E-3	9.98E-4
	CC15	-0.0910	-0.9256	0.2632	-5.23E-3	2.32E-3	9.09E-4
	CC16	-0.0218	-0.9685	0.4209	-5.91E-3	1.97E-3	1.31E-3
52	CC1	0.6140	0.3018	0.0987	1.99E-3	-4.57E-3	-9.56E-4
	CC2	0.6668	0.2439	0.1940	1.50E-3	-4.85E-3	-6.61E-4
	CC3	0.7181	-0.3371	0.6377	-1.21E-3	-5.43E-3	-3.83E-4
	CC4	0.7709	-0.3950	0.7330	-1.70E-3	-5.72E-3	-8.91E-5
	CC5	-0.7923	0.4034	-1.0765	1.74E-3	7.93E-3	8.91E-5
	CC6	-0.7395	0.3455	-0.9812	1.25E-3	7.64E-3	3.83E-4
	CC7	-0.6882	-0.2355	-0.5374	-1.47E-3	7.06E-3	6.61E-4
	CC8	-0.6354	-0.2934	-0.4421	-1.95E-3	6.78E-3	9.56E-4
	CC9	-0.0093	1.0934	-0.9590	5.73E-3	8.65E-4	-1.31E-3
	CC10	0.0629	1.0143	-0.8288	5.06E-3	4.79E-4	-9.09E-4
	CC11	-0.4312	1.1239	-1.3115	5.65E-3	4.61E-3	-9.98E-4
	CC12	-0.3590	1.0447	-1.1813	4.99E-3	4.23E-3	-5.96E-4
	CC13	0.3376	-1.0364	0.8378	-4.95E-3	-2.02E-3	5.96E-4
	CC14	0.4098	-1.1155	0.9681	-5.61E-3	-2.40E-3	9.98E-4
	CC15	-0.0843	-1.0059	0.4853	-5.03E-3	1.73E-3	9.09E-4
	CC16	-0.0121	-1.0850	0.6155	-5.69E-3	1.35E-3	1.31E-3
53	CC1	0.6177	0.4793	-0.5244	2.08E-3	-1.66E-3	-9.56E-4
	CC2	0.6694	0.3677	-0.4702	1.56E-3	-1.52E-3	-6.61E-4
	CC3	0.7196	-0.2641	-0.1404	-1.49E-3	-3.29E-3	-3.83E-4
	CC4	0.7713	-0.3757	-0.0862	-2.01E-3	-3.15E-3	-8.91E-5
	CC5	-0.7925	0.3902	-0.0847	2.25E-3	3.72E-3	8.91E-5
	CC6	-0.7409	0.2786	-0.0305	1.73E-3	3.86E-3	3.83E-4
	CC7	-0.6906	-0.3531	0.2993	-1.32E-3	2.09E-3	6.61E-4
	CC8	-0.6389	-0.4647	0.3535	-1.85E-3	2.23E-3	9.56E-4
	CC9	-0.0043	1.3358	-0.8284	6.40E-3	2.10E-3	-1.31E-3
	CC10	0.0664	1.1833	-0.7544	5.69E-3	2.29E-3	-9.09E-4
	CC11	-0.4274	1.3091	-0.6965	6.45E-3	3.71E-3	-9.98E-4
	CC12	-0.3567	1.1566	-0.6225	5.74E-3	3.91E-3	-5.96E-4
	CC13	0.3355	-1.1420	0.4516	-5.51E-3	-3.33E-3	5.96E-4
	CC14	0.4061	-1.2945	0.5256	-6.22E-3	-3.14E-3	9.98E-4
	CC15	-0.0876	-1.1687	0.5835	-5.45E-3	-1.72E-3	9.09E-4
	CC16	-0.0170	-1.3213	0.6575	-6.17E-3	-1.52E-3	1.31E-3
54	CC1	0.7444	0.4791	-0.2640	1.47E-3	2.83E-3	-9.56E-4
	CC2	0.7575	0.3675	-0.2829	9.44E-4	2.31E-3	-6.61E-4
	CC3	0.7712	-0.2643	-0.3356	-1.97E-3	1.97E-3	-3.83E-4
	CC4	0.7843	-0.3759	-0.3546	-2.50E-3	1.44E-3	-8.91E-5
	CC5	-0.8029	0.3900	0.2147	2.73E-3	-8.89E-4	8.91E-5
	CC6	-0.7899	0.2784	0.1957	2.21E-3	-1.42E-3	3.83E-4
	CC7	-0.7761	-0.3533	0.1430	-7.08E-4	-1.75E-3	6.61E-4
	CC8	-0.7630	-0.4649	0.1240	-1.24E-3	-2.28E-3	9.56E-4
	CC9	0.1691	1.3356	-0.0093	6.03E-3	2.63E-3	-1.31E-3
	CC10	0.1870	1.1831	-0.0353	5.30E-3	1.91E-3	-9.09E-4
	CC11	-0.2951	1.3089	0.1343	6.40E-3	1.52E-3	-9.98E-4
	CC12	-0.2772	1.1564	0.1083	5.68E-3	7.97E-4	-5.96E-4
	CC13	0.2586	-1.1422	-0.2483	-5.45E-3	-2.42E-4	5.96E-4
	CC14	0.2764	-1.2947	-0.2742	-6.17E-3	-9.63E-4	9.98E-4
	CC15	-0.2056	-1.1689	-0.1047	-5.07E-3	-1.36E-3	9.09E-4
	CC16	-0.1878	-1.3214	-0.1306	-5.79E-3	-2.08E-3	1.31E-3
55	CC1	0.7454	0.3019	0.3677	2.16E-3	-4.12E-3	-9.56E-4
	CC2	0.7585	0.2440	0.3951	1.63E-3	-4.43E-3	-6.61E-4
	CC3	0.7722	-0.3370	0.4596	-1.19E-3	-4.81E-3	-3.83E-4
	CC4	0.7853	-0.3950	0.4870	-1.72E-3	-5.13E-3	-8.91E-5
	CC5	-0.8020	0.4035	-0.8072	2.06E-3	7.48E-3	8.91E-5
	CC6	-0.7889	0.3456	-0.7798	1.53E-3	7.16E-3	3.83E-4
	CC7	-0.7751	-0.2355	-0.7153	-1.29E-3	6.78E-3	6.61E-4
	CC8	-0.7621	-0.2934	-0.6879	-1.82E-3	6.47E-3	9.56E-4
	CC9	0.1701	1.0935	-0.1557	6.12E-3	8.09E-4	-1.31E-3
	CC10	0.1880	1.0143	-0.1183	5.40E-3	3.83E-4	-9.09E-4
	CC11	-0.2941	1.1239	-0.5082	6.09E-3	4.29E-3	-9.98E-4
	CC12	-0.2762	1.0448	-0.4707	5.37E-3	3.86E-3	-5.96E-4
	CC13	0.2595	-1.0363	0.1506	-5.03E-3	-1.51E-3	5.96E-4
	CC14	0.2774	-1.1154	0.1880	-5.75E-3	-1.94E-3	9.98E-4
	CC15	-0.2047	-1.0058	-0.2019	-5.06E-3	1.97E-3	9.09E-4
	CC16	-0.1868	-1.0850	-0.1645	-5.78E-3	1.54E-3	1.31E-3
56	CC1	0.7454	0.2143	0.7385	1.84E-3	-4.11E-3	-9.56E-4

	CC2	0.7584	0.1829	0.7909	1.36E-3	-4.36E-3	-6.61E-4
	CC3	0.7722	-0.3732	0.8937	-1.51E-3	-4.83E-3	-3.83E-4
	CC4	0.7853	-0.4046	0.9461	-2.00E-3	-5.08E-3	-8.91E-5
	CC5	-0.8020	0.4099	-1.5075	2.17E-3	8.06E-3	8.91E-5
	CC6	-0.7889	0.3785	-1.4551	1.69E-3	7.81E-3	3.83E-4
	CC7	-0.7752	-0.1776	-1.3523	-1.18E-3	7.35E-3	6.61E-4
	CC8	-0.7621	-0.2090	-1.2999	-1.67E-3	7.10E-3	9.56E-4
	CC9	0.1701	0.9738	-0.2383	5.96E-3	1.03E-3	-1.31E-3
	CC10	0.1880	0.9309	-0.1667	5.30E-3	6.86E-4	-9.09E-4
	CC11	-0.2941	1.0325	-0.9121	6.06E-3	4.68E-3	-9.98E-4
	CC12	-0.2762	0.9896	-0.8405	5.40E-3	4.34E-3	-5.96E-4
	CC13	0.2595	-0.9843	0.2791	-5.22E-3	-1.35E-3	5.96E-4
	CC14	0.2774	-1.0272	0.3507	-5.88E-3	-1.70E-3	9.98E-4
	CC15	-0.2047	-0.9256	-0.3947	-5.12E-3	2.30E-3	9.09E-4
	CC16	-0.1868	-0.9685	-0.3231	-5.78E-3	1.96E-3	1.31E-3
57	CC1	1.0502	0.4886	-0.1727	1.36E-3	-3.23E-3	-2.63E-3
	CC2	1.0889	0.3734	-0.1409	9.46E-4	-3.40E-3	-2.08E-3
	CC3	1.1722	-0.4939	0.0276	-2.03E-3	-4.47E-3	-2.83E-3
	CC4	1.2108	-0.6090	0.0594	-2.45E-3	-4.63E-3	-2.28E-3
	CC5	-1.2679	0.6368	-0.2616	2.68E-3	5.27E-3	2.27E-3
	CC6	-1.2293	0.5216	-0.2297	2.26E-3	5.10E-3	2.82E-3
	CC7	-1.1460	-0.3457	-0.0612	-7.17E-4	4.03E-3	2.07E-3
	CC8	-1.1074	-0.4608	-0.0294	-1.13E-3	3.86E-3	2.62E-3
	CC9	0.0896	1.7078	-0.4433	5.86E-3	1.22E-3	-7.83E-4
	CC10	0.1423	1.5504	-0.3998	5.29E-3	9.92E-4	-3.06E-5
	CC11	-0.6059	1.7523	-0.4700	6.25E-3	3.77E-3	6.87E-4
	CC12	-0.5531	1.5949	-0.4265	5.68E-3	3.54E-3	1.44E-3
	CC13	0.4960	-1.5671	0.2244	-5.45E-3	-2.91E-3	-1.45E-3
	CC14	0.5487	-1.7245	0.2679	-6.02E-3	-3.13E-3	-6.98E-4
	CC15	-0.1995	-1.5227	0.1977	-5.06E-3	-3.56E-4	1.95E-5
	CC16	-0.1467	-1.6801	0.2412	-5.63E-3	-5.84E-4	7.72E-4
58	CC1	0.8922	0.6367	-0.1680	3.08E-3	-7.46E-3	-2.79E-3
	CC2	0.9050	0.4855	-0.2185	2.41E-3	-7.38E-3	-2.18E-3
	CC3	0.9454	-0.2139	-0.2718	1.25E-3	-9.03E-3	-1.13E-3
	CC4	0.9582	-0.3651	-0.3223	5.78E-4	-8.95E-3	-5.24E-4
	CC5	-0.9892	0.3853	0.2137	-4.45E-4	9.48E-3	4.03E-4
	CC6	-0.9764	0.2342	0.1632	-1.12E-3	9.56E-3	1.01E-3
	CC7	-0.9361	-0.4653	0.1099	-2.28E-3	7.90E-3	2.06E-3
	CC8	-0.9233	-0.6165	0.0594	-2.95E-3	7.98E-3	2.67E-3
	CC9	0.1694	1.5688	0.0959	4.11E-3	2.88E-4	-3.72E-3
	CC10	0.1869	1.3622	0.0268	3.19E-3	3.98E-4	-2.89E-3
	CC11	-0.3950	1.4934	0.2104	3.05E-3	5.37E-3	-2.76E-3
	CC12	-0.3775	1.2868	0.1414	2.13E-3	5.48E-3	-1.93E-3
	CC13	0.3465	-1.2666	-0.2500	-2.00E-3	-4.96E-3	1.81E-3
	CC14	0.3640	-1.4732	-0.3190	-2.92E-3	-4.85E-3	2.64E-3
	CC15	-0.2179	-1.3420	-0.1355	-3.05E-3	1.24E-4	2.77E-3
	CC16	-0.2004	-1.5486	-0.2045	-3.97E-3	2.34E-4	3.60E-3
59	CC1	1.0684	0.7078	0.0151	4.04E-3	-6.60E-3	-3.66E-3
	CC2	1.0787	0.5441	-0.0378	3.24E-3	-6.56E-3	-2.94E-3
	CC3	1.1630	-0.1971	-0.0450	2.58E-3	-8.33E-3	-2.34E-3
	CC4	1.1733	-0.3607	-0.0979	1.79E-3	-8.29E-3	-1.62E-3
	CC5	-1.2169	0.3858	-0.0242	-1.66E-3	8.85E-3	1.50E-3
	CC6	-1.2066	0.2221	-0.0772	-2.45E-3	8.89E-3	2.22E-3
	CC7	-1.1223	-0.5191	-0.0844	-3.11E-3	7.12E-3	2.82E-3
	CC8	-1.1120	-0.6828	-0.1373	-3.90E-3	7.16E-3	3.54E-3
	CC9	0.1562	1.6808	0.0812	3.89E-3	8.12E-4	-3.52E-3
	CC10	0.1703	1.4571	0.0089	2.80E-3	8.65E-4	-2.54E-3
	CC11	-0.5294	1.5842	0.0694	2.18E-3	5.45E-3	-1.98E-3
	CC12	-0.5153	1.3605	-0.0029	1.09E-3	5.50E-3	-9.90E-4
	CC13	0.4717	-1.3355	-0.1193	-9.60E-4	-4.94E-3	8.70E-4
	CC14	0.4858	-1.5591	-0.1916	-2.05E-3	-4.89E-3	1.86E-3
	CC15	-0.2139	-1.4321	-0.1311	-2.67E-3	-3.06E-4	2.42E-3
	CC16	-0.1998	-1.6557	-0.2034	-3.75E-3	-2.53E-4	3.40E-3
60	CC1	1.0767	0.7784	-0.1005	5.10E-3	-1.77E-3	-2.63E-3
	CC2	1.1098	0.6027	-0.1084	4.09E-3	-2.01E-3	-2.08E-3
	CC3	1.2006	-0.1821	-0.0287	2.60E-3	-2.78E-3	-2.83E-3
	CC4	1.2337	-0.3578	-0.0366	1.60E-3	-3.03E-3	-2.28E-3
	CC5	-1.2905	0.3877	-0.1082	-1.37E-3	3.55E-3	2.27E-3
	CC6	-1.2573	0.2120	-0.1161	-2.37E-3	3.30E-3	2.82E-3
	CC7	-1.1665	-0.5728	-0.0364	-3.86E-3	2.53E-3	2.07E-3
	CC8	-1.1334	-0.7485	-0.0443	-4.87E-3	2.29E-3	2.62E-3
	CC9	0.0976	1.7944	-0.1855	5.93E-3	1.32E-3	-7.86E-4
	CC10	0.1428	1.5542	-0.1962	4.56E-3	9.85E-4	-3.39E-5

	CC11	-0.6126	1.6772	-0.1878	3.99E-3	2.92E-3	6.83E-4
	CC12	-0.5673	1.4370	-0.1986	2.62E-3	2.58E-3	1.44E-3
	CC13	0.5106	-1.4072	0.0537	-2.39E-3	-2.06E-3	-1.45E-3
	CC14	0.5559	-1.6473	0.0430	-3.76E-3	-2.40E-3	-7.01E-4
	CC15	-0.1995	-1.5244	0.0514	-4.33E-3	-4.65E-4	1.61E-5
	CC16	-0.1543	-1.7645	0.0406	-5.70E-3	-8.04E-4	7.69E-4
61	CC1	0.9713	0.7784	-0.3114	5.11E-3	-2.20E-3	-2.63E-3
	CC2	1.0264	0.6027	-0.2782	4.12E-3	-2.36E-3	-2.08E-3
	CC3	1.0872	-0.1821	-0.1415	2.58E-3	-3.29E-3	-2.83E-3
	CC4	1.1423	-0.3578	-0.1084	1.59E-3	-3.44E-3	-2.28E-3
	CC5	-1.1999	0.3877	-0.0456	-1.36E-3	3.97E-3	2.27E-3
	CC6	-1.1448	0.2119	-0.0125	-2.35E-3	3.82E-3	2.82E-3
	CC7	-1.0840	-0.5728	0.1242	-3.89E-3	2.88E-3	2.07E-3
	CC8	-1.0289	-0.7485	0.1574	-4.88E-3	2.73E-3	2.62E-3
	CC9	0.0660	1.7944	-0.4226	5.98E-3	1.26E-3	-7.86E-4
	CC10	0.1414	1.5542	-0.3772	4.63E-3	1.05E-3	-3.40E-5
	CC11	-0.5853	1.6771	-0.3428	4.04E-3	3.11E-3	6.83E-4
	CC12	-0.5100	1.4370	-0.2975	2.68E-3	2.90E-3	1.44E-3
	CC13	0.4524	-1.4072	0.1435	-2.46E-3	-2.37E-3	-1.45E-3
	CC14	0.5278	-1.6473	0.1889	-3.81E-3	-2.58E-3	-7.01E-4
	CC15	-0.1990	-1.5244	0.2232	-4.40E-3	-5.17E-4	1.60E-5
	CC16	-0.1236	-1.7645	0.2686	-5.75E-3	-7.28E-4	7.68E-4
62	CC1	0.8075	0.7118	-0.5914	3.66E-3	-3.31E-3	-3.32E-3
	CC2	0.8763	0.5481	-0.5236	2.87E-3	-3.76E-3	-2.60E-3
	CC3	0.9054	-0.1929	-0.3409	2.24E-3	-3.55E-3	-2.03E-3
	CC4	0.9742	-0.3566	-0.2731	1.45E-3	-4.00E-3	-1.31E-3
	CC5	-1.0196	0.3816	0.1241	-1.32E-3	4.59E-3	1.20E-3
	CC6	-0.9508	0.2179	0.1919	-2.11E-3	4.14E-3	1.92E-3
	CC7	-0.9217	-0.5231	0.3746	-2.74E-3	4.35E-3	2.48E-3
	CC8	-0.8529	-0.6868	0.4423	-3.53E-3	3.90E-3	3.20E-3
	CC9	0.0412	1.6817	-0.6456	3.72E-3	-1.80E-4	-3.37E-3
	CC10	0.1352	1.4579	-0.5529	2.64E-3	-7.94E-4	-2.39E-3
	CC11	-0.5070	1.5827	-0.4309	2.22E-3	2.19E-3	-2.02E-3
	CC12	-0.4129	1.3589	-0.3383	1.14E-3	1.57E-3	-1.03E-3
	CC13	0.3675	-1.3339	0.1892	-1.01E-3	-9.87E-4	9.18E-4
	CC14	0.4615	-1.5577	0.2819	-2.10E-3	-1.60E-3	1.90E-3
	CC15	-0.1807	-1.4329	0.4039	-2.51E-3	1.38E-3	2.27E-3
	CC16	-0.0866	-1.6567	0.4965	-3.59E-3	7.68E-4	3.25E-3
63	CC1	0.7246	0.6400	-0.6765	2.98E-3	-3.89E-3	-2.70E-3
	CC2	0.7816	0.4889	-0.6211	2.32E-3	-4.37E-3	-2.10E-3
	CC3	0.8233	-0.2105	-0.4279	1.21E-3	-3.93E-3	-1.10E-3
	CC4	0.8803	-0.3617	-0.3724	5.41E-4	-4.40E-3	-4.91E-4
	CC5	-0.9126	0.3819	0.2380	-4.27E-4	4.96E-3	3.87E-4
	CC6	-0.8556	0.2308	0.2935	-1.09E-3	4.48E-3	9.92E-4
	CC7	-0.8139	-0.4686	0.4867	-2.20E-3	4.92E-3	2.00E-3
	CC8	-0.7569	-0.6198	0.5422	-2.87E-3	4.45E-3	2.60E-3
	CC9	0.0260	1.5698	-0.6567	3.98E-3	-6.68E-4	-3.61E-3
	CC10	0.1039	1.3631	-0.5810	3.07E-3	-1.32E-3	-2.78E-3
	CC11	-0.4651	1.4923	-0.3824	2.96E-3	1.99E-3	-2.68E-3
	CC12	-0.3872	1.2857	-0.3066	2.05E-3	1.34E-3	-1.86E-3
	CC13	0.3549	-1.2654	0.1722	-1.93E-3	-7.83E-4	1.75E-3
	CC14	0.4328	-1.4721	0.2480	-2.85E-3	-1.43E-3	2.58E-3
	CC15	-0.1362	-1.3429	0.4466	-2.96E-3	1.87E-3	2.68E-3
	CC16	-0.0583	-1.5495	0.5223	-3.87E-3	1.23E-3	3.51E-3
64	CC1	1.1821	0.6818	0.0501	4.05E-3	3.68E-3	-2.62E-3
	CC2	1.1932	0.5263	0.0209	3.22E-3	3.02E-3	-2.07E-3
	CC3	1.3140	-0.2860	0.0412	1.25E-3	3.50E-3	-2.82E-3
	CC4	1.3251	-0.4415	0.0120	4.30E-4	2.84E-3	-2.27E-3
	CC5	-1.3811	0.4708	-0.1652	-1.91E-4	-2.39E-3	2.27E-3
	CC6	-1.3700	0.3152	-0.1943	-1.01E-3	-3.05E-3	2.82E-3
	CC7	-1.2491	-0.4970	-0.1741	-2.98E-3	-2.57E-3	2.07E-3
	CC8	-1.2380	-0.6526	-0.2033	-3.81E-3	-3.23E-3	2.62E-3
	CC9	0.1290	1.7656	-0.0095	5.97E-3	1.89E-3	-7.77E-4
	CC10	0.1442	1.5530	-0.0493	4.85E-3	9.87E-4	-2.50E-5
	CC11	-0.6399	1.7022	-0.0741	4.70E-3	6.47E-5	6.92E-4
	CC12	-0.6248	1.4897	-0.1139	3.58E-3	-8.35E-4	1.44E-3
	CC13	0.5688	-1.4604	-0.0392	-3.34E-3	1.29E-3	-1.44E-3
	CC14	0.5839	-1.6730	-0.0791	-4.46E-3	3.89E-4	-6.92E-4
	CC15	-0.2002	-1.5238	-0.1038	-4.61E-3	-5.33E-4	2.50E-5
	CC16	-0.1850	-1.7363	-0.1437	-5.73E-3	-1.43E-3	7.77E-4
65	CC1	1.1821	0.5852	-0.0974	1.92E-3	3.09E-3	-2.62E-3
	CC2	1.1932	0.4499	-0.1009	1.38E-3	2.48E-3	-2.07E-3
	CC3	1.3140	-0.3899	-0.1026	-1.49E-3	2.82E-3	-2.82E-3

	CC4	1.3251	-0.5252	-0.1061	-2.03E-3	2.20E-3	-2.27E-3
	CC5	-1.3810	0.5538	-0.0639	2.28E-3	-1.72E-3	2.27E-3
	CC6	-1.3699	0.4185	-0.0674	1.74E-3	-2.33E-3	2.82E-3
	CC7	-1.2491	-0.4213	-0.0690	-1.13E-3	-1.99E-3	2.07E-3
	CC8	-1.2380	-0.5567	-0.0726	-1.67E-3	-2.61E-3	2.62E-3
	CC9	0.1290	1.7367	-0.0790	6.12E-3	1.84E-3	-7.77E-4
	CC10	0.1442	1.5517	-0.0838	5.39E-3	1.00E-3	-2.50E-5
	CC11	-0.6399	1.7273	-0.0689	6.23E-3	4.01E-4	6.92E-4
	CC12	-0.6247	1.5423	-0.0738	5.50E-3	-4.42E-4	1.44E-3
	CC13	0.5688	-1.5138	-0.0962	-5.25E-3	9.25E-4	-1.44E-3
	CC14	0.5840	-1.6987	-0.1011	-5.98E-3	8.18E-5	-6.92E-4
	CC15	-0.2001	-1.5232	-0.0862	-5.14E-3	-5.18E-4	2.50E-5
	CC16	-0.1850	-1.7082	-0.0910	-5.87E-3	-1.36E-3	7.77E-4
66	CC1	0.8262	0.5852	-0.3740	1.79E-3	-2.65E-3	-2.62E-3
	CC2	0.9116	0.4499	-0.3122	1.44E-3	-2.43E-3	-2.07E-3
	CC3	0.9311	-0.3900	0.0817	-1.59E-3	-4.17E-3	-2.82E-3
	CC4	1.0165	-0.5253	0.1435	-1.94E-3	-3.95E-3	-2.27E-3
	CC5	-1.0756	0.5538	-0.3461	2.17E-3	4.45E-3	2.27E-3
	CC6	-0.9902	0.4184	-0.2844	1.82E-3	4.67E-3	2.82E-3
	CC7	-0.9707	-0.4214	0.1096	-1.20E-3	2.93E-3	2.07E-3
	CC8	-0.8853	-0.5567	0.1713	-1.55E-3	3.15E-3	2.62E-3
	CC9	0.0225	1.7367	-0.9072	5.93E-3	1.57E-3	-7.77E-4
	CC10	0.1392	1.5517	-0.8228	5.44E-3	1.87E-3	-2.50E-5
	CC11	-0.5480	1.7272	-0.8988	6.04E-3	3.70E-3	6.92E-4
	CC12	-0.4313	1.5423	-0.8145	5.56E-3	4.00E-3	1.44E-3
	CC13	0.3722	-1.5138	0.6118	-5.32E-3	-3.50E-3	-1.44E-3
	CC14	0.4889	-1.6988	0.6962	-5.81E-3	-3.20E-3	-6.92E-4
	CC15	-0.1983	-1.5232	0.6202	-5.21E-3	-1.37E-3	2.50E-5
	CC16	-0.0816	-1.7082	0.7045	-5.69E-3	-1.07E-3	7.77E-4
67	CC1	0.8460	0.6818	-0.4507	3.49E-3	-2.29E-3	-2.62E-3
	CC2	0.9273	0.5263	-0.3799	2.80E-3	-1.94E-3	-2.07E-3
	CC3	0.9524	-0.2860	-0.0925	3.52E-4	-4.41E-3	-2.82E-3
	CC4	1.0337	-0.4415	-0.0217	-3.32E-4	-4.05E-3	-2.27E-3
	CC5	-1.0925	0.4707	-0.1616	5.64E-4	4.53E-3	2.27E-3
	CC6	-1.0112	0.3152	-0.0907	-1.20E-4	4.88E-3	2.82E-3
	CC7	-0.9860	-0.4971	0.1966	-2.57E-3	2.41E-3	2.07E-3
	CC8	-0.9048	-0.6526	0.2674	-3.26E-3	2.76E-3	2.62E-3
	CC9	0.0285	1.7655	-0.7804	6.25E-3	2.50E-3	-7.77E-4
	CC10	0.1396	1.5530	-0.6835	5.31E-3	2.99E-3	-2.50E-5
	CC11	-0.5530	1.7022	-0.6936	5.37E-3	4.55E-3	6.92E-4
	CC12	-0.4419	1.4897	-0.5968	4.44E-3	5.03E-3	1.44E-3
	CC13	0.3832	-1.4605	0.4135	-4.20E-3	-4.56E-3	-1.44E-3
	CC14	0.4943	-1.6730	0.5103	-5.14E-3	-4.07E-3	-6.92E-4
	CC15	-0.1983	-1.5238	0.5003	-5.08E-3	-2.51E-3	2.50E-5
	CC16	-0.0873	-1.7363	0.5971	-6.02E-3	-2.03E-3	7.77E-4
68	CC1	1.1724	0.3831	-0.1203	7.65E-4	2.23E-3	-2.67E-3
	CC2	1.1835	0.2905	-0.0919	5.91E-4	1.90E-3	-2.12E-3
	CC3	1.3043	-0.6075	0.0397	-6.46E-4	-1.23E-4	-2.87E-3
	CC4	1.3154	-0.7002	0.0680	-8.19E-4	-4.61E-4	-2.32E-3
	CC5	-1.3907	0.7318	-0.2969	1.00E-3	1.64E-3	2.23E-3
	CC6	-1.3796	0.6391	-0.2685	8.29E-4	1.30E-3	2.78E-3
	CC7	-1.2588	-0.2589	-0.1370	-4.08E-4	-7.17E-4	2.03E-3
	CC8	-1.2477	-0.3515	-0.1086	-5.82E-4	-1.05E-3	2.58E-3
	CC9	0.1193	1.6779	-0.3738	2.53E-3	4.84E-3	-8.26E-4
	CC10	0.1345	1.5513	-0.3350	2.29E-3	4.38E-3	-7.34E-5
	CC11	-0.6496	1.7825	-0.4268	2.60E-3	4.66E-3	6.44E-4
	CC12	-0.6344	1.6559	-0.3880	2.36E-3	4.20E-3	1.40E-3
	CC13	0.5591	-1.6243	0.1592	-2.18E-3	-3.02E-3	-1.49E-3
	CC14	0.5743	-1.7509	0.1980	-2.41E-3	-3.48E-3	-7.41E-4
	CC15	-0.2098	-1.5197	0.1062	-2.11E-3	-3.20E-3	-2.33E-5
	CC16	-0.1947	-1.6463	0.1450	-2.34E-3	-3.66E-3	7.29E-4
69	CC1	1.1589	0.2776	-0.1779	1.87E-4	5.72E-4	-2.65E-3
	CC2	1.1700	0.2075	-0.1381	1.25E-4	4.52E-4	-2.10E-3
	CC3	1.2909	-0.7213	0.0623	-3.34E-4	-2.51E-4	-2.85E-3
	CC4	1.3020	-0.7914	0.1020	-3.96E-4	-3.71E-4	-2.30E-3
	CC5	-1.4042	0.8266	-0.3835	5.03E-4	1.70E-3	2.25E-3
	CC6	-1.3931	0.7565	-0.3437	4.42E-4	1.58E-3	2.80E-3
	CC7	-1.2723	-0.1722	-0.1434	-1.80E-5	8.77E-4	2.05E-3
	CC8	-1.2612	-0.2423	-0.1036	-7.94E-5	7.57E-4	2.60E-3
	CC9	0.1059	1.6479	-0.5373	9.17E-4	1.95E-3	-8.06E-4
	CC10	0.1210	1.5521	-0.4829	8.33E-4	1.78E-3	-5.35E-5
	CC11	-0.6631	1.8127	-0.5990	1.01E-3	2.29E-3	6.64E-4
	CC12	-0.6479	1.7168	-0.5446	9.28E-4	2.12E-3	1.42E-3

	CC13	0.5457	-1.6816	0.2632	-8.20E-4	-7.94E-4	-1.47E-3
	CC14	0.5608	-1.7774	0.3175	-9.04E-4	-9.58E-4	-7.21E-4
	CC15	-0.2233	-1.5169	0.2015	-7.26E-4	-4.56E-4	-3.40E-6
	CC16	-0.2081	-1.6127	0.2558	-8.10E-4	-6.20E-4	7.49E-4
70	CC1	1.1455	0.1718	-0.2076	1.32E-4	7.03E-4	-2.63E-3
	CC2	1.1566	0.1242	-0.1614	9.82E-5	5.94E-4	-2.08E-3
	CC3	1.2775	-0.8352	0.0745	-1.50E-4	3.91E-5	-2.83E-3
	CC4	1.2886	-0.8828	0.1207	-1.84E-4	-6.99E-5	-2.28E-3
	CC5	-1.4176	0.9213	-0.4546	2.11E-4	1.24E-3	2.27E-3
	CC6	-1.4065	0.8737	-0.4084	1.76E-4	1.14E-3	2.82E-3
	CC7	-1.2856	-0.0857	-0.1725	-7.16E-5	5.81E-4	2.07E-3
	CC8	-1.2746	-0.1333	-0.1263	-1.06E-4	4.72E-4	2.62E-3
	CC9	0.0925	1.6178	-0.6316	4.96E-4	1.69E-3	-7.84E-4
	CC10	0.1077	1.5527	-0.5685	4.49E-4	1.54E-3	-3.20E-5
	CC11	-0.6764	1.8426	-0.7057	5.19E-4	1.85E-3	6.85E-4
	CC12	-0.6613	1.7776	-0.6426	4.72E-4	1.70E-3	1.44E-3
	CC13	0.5323	-1.7391	0.3087	-4.46E-4	-5.25E-4	-1.45E-3
	CC14	0.5474	-1.8041	0.3718	-4.93E-4	-6.74E-4	-6.99E-4
	CC15	-0.2367	-1.5142	0.2346	-4.22E-4	-3.63E-4	1.80E-5
	CC16	-0.2215	-1.5793	0.2977	-4.69E-4	-5.12E-4	7.70E-4
71	CC1	1.1350	0.0659	-0.2304	2.32E-5	3.76E-4	-2.61E-3
	CC2	1.1461	0.0408	-0.1792	7.86E-6	2.96E-4	-2.06E-3
	CC3	1.2670	-0.9494	0.0807	-1.06E-4	-5.43E-5	-2.81E-3
	CC4	1.2781	-0.9744	0.1318	-1.22E-4	-1.34E-4	-2.26E-3
	CC5	-1.4281	1.0158	-0.5073	7.58E-5	9.40E-4	2.29E-3
	CC6	-1.4170	0.9907	-0.4561	6.04E-5	8.60E-4	2.84E-3
	CC7	-1.2962	0.0005	-0.1963	-5.38E-5	5.10E-4	2.09E-3
	CC8	-1.2851	-0.0246	-0.1451	-6.92E-5	4.30E-4	2.64E-3
	CC9	0.0820	1.5874	-0.6996	1.96E-4	1.09E-3	-7.65E-4
	CC10	0.0971	1.5531	-0.6297	1.75E-4	9.81E-4	-1.29E-5
	CC11	-0.6870	1.8723	-0.7826	2.11E-4	1.26E-3	7.04E-4
	CC12	-0.6718	1.8381	-0.7127	1.90E-4	1.15E-3	1.46E-3
	CC13	0.5218	-1.7968	0.3372	-2.36E-4	-3.44E-4	-1.43E-3
	CC14	0.5369	-1.8310	0.4072	-2.57E-4	-4.53E-4	-6.80E-4
	CC15	-0.2472	-1.5118	0.2542	-2.21E-4	-1.75E-4	3.72E-5
	CC16	-0.2320	-1.5461	0.3241	-2.42E-4	-2.84E-4	7.90E-4
72	CC1	1.1293	-0.0403	-0.2406	-2.37E-5	1.10E-4	-2.60E-3
	CC2	1.1404	-0.0429	-0.1854	-2.95E-5	3.73E-5	-2.05E-3
	CC3	1.2612	-1.0638	0.0917	-7.85E-5	-2.52E-4	-2.80E-3
	CC4	1.2723	-1.0663	0.1469	-8.43E-5	-3.25E-4	-2.25E-3
	CC5	-1.4338	1.1100	-0.5459	-1.99E-5	6.29E-4	2.30E-3
	CC6	-1.4227	1.1074	-0.4907	-2.57E-5	5.56E-4	2.85E-3
	CC7	-1.3019	0.0866	-0.2137	-7.47E-5	2.66E-4	2.10E-3
	CC8	-1.2908	0.0840	-0.1584	-8.05E-5	1.94E-4	2.65E-3
	CC9	0.0762	1.5567	-0.7453	4.26E-5	7.27E-4	-7.50E-4
	CC10	0.0914	1.5533	-0.6698	3.47E-5	6.28E-4	2.54E-6
	CC11	-0.6927	1.9018	-0.8369	4.38E-5	8.83E-4	7.20E-4
	CC12	-0.6775	1.8984	-0.7614	3.58E-5	7.83E-4	1.47E-3
	CC13	0.5160	-1.8547	0.3623	-1.40E-4	-4.80E-4	-1.42E-3
	CC14	0.5312	-1.8582	0.4378	-1.48E-4	-5.79E-4	-6.65E-4
	CC15	-0.2529	-1.5096	0.2707	-1.39E-4	-3.24E-4	5.26E-5
	CC16	-0.2378	-1.5131	0.3462	-1.47E-4	-4.24E-4	8.05E-4
73	CC1	1.1293	-0.1468	-0.2388	-5.99E-5	-1.88E-4	-2.59E-3
	CC2	1.1404	-0.1268	-0.1798	-5.89E-5	-2.60E-4	-2.04E-3
	CC3	1.2613	-1.1784	0.1119	-6.88E-5	-5.23E-4	-2.79E-3
	CC4	1.2724	-1.1584	0.1709	-6.77E-5	-5.94E-4	-2.24E-3
	CC5	-1.4338	1.2040	-0.5717	-8.05E-5	3.41E-4	2.31E-3
	CC6	-1.4227	1.2239	-0.5127	-7.95E-5	2.70E-4	2.86E-3
	CC7	-1.3019	0.1724	-0.2210	-8.94E-5	6.71E-6	2.11E-3
	CC8	-1.2908	0.1923	-0.1620	-8.83E-5	-6.47E-5	2.66E-3
	CC9	0.0763	1.5259	-0.7753	-5.70E-5	4.00E-4	-7.38E-4
	CC10	0.0914	1.5532	-0.6946	-5.56E-5	3.02E-4	1.42E-5
	CC11	-0.6927	1.9311	-0.8751	-6.32E-5	5.59E-4	7.32E-4
	CC12	-0.6775	1.9584	-0.7945	-6.18E-5	4.61E-4	1.48E-3
	CC13	0.5161	-1.9128	0.3937	-8.65E-5	-7.14E-4	-1.41E-3
	CC14	0.5312	-1.8855	0.4743	-8.50E-5	-8.12E-4	-6.53E-4
	CC15	-0.2529	-1.5076	0.2938	-9.26E-5	-5.55E-4	6.42E-5
	CC16	-0.2377	-1.4803	0.3745	-9.12E-5	-6.53E-4	8.17E-4
74	CC1	1.1353	-0.2534	-0.2250	-7.38E-5	-4.64E-4	-2.58E-3
	CC2	1.1464	-0.2110	-0.1621	-6.71E-5	-5.37E-4	-2.03E-3
	CC3	1.2672	-1.2933	0.1433	-5.28E-5	-7.91E-4	-2.78E-3
	CC4	1.2783	-1.2508	0.2062	-4.61E-5	-8.63E-4	-2.23E-3
	CC5	-1.4278	1.2977	-0.5863	-1.32E-4	8.03E-5	2.32E-3

	CC6	-1.4167	1.3402	-0.5234	-1.25E-4	8.01E-6	2.87E-3
	CC7	-1.2959	0.2579	-0.2180	-1.11E-4	-2.46E-4	2.12E-3
	CC8	-1.2848	0.3004	-0.1551	-1.04E-4	-3.19E-4	2.67E-3
	CC9	0.0823	1.4948	-0.7926	-1.20E-4	1.21E-4	-7.30E-4
	CC10	0.0974	1.5528	-0.7067	-1.11E-4	2.17E-5	2.21E-5
	CC11	-0.6867	1.9601	-0.9010	-1.38E-4	2.84E-4	7.39E-4
	CC12	-0.6715	2.0182	-0.8151	-1.28E-4	1.85E-4	1.49E-3
	CC13	0.5220	-1.9713	0.4350	-4.98E-5	-9.68E-4	-1.40E-3
	CC14	0.5372	-1.9132	0.5209	-4.07E-5	-1.07E-3	-6.45E-4
	CC15	-0.2469	-1.5059	0.3266	-6.74E-5	-8.05E-4	7.22E-5
	CC16	-0.2317	-1.4478	0.4125	-5.82E-5	-9.03E-4	8.25E-4
75	CC1	1.1465	-0.3604	-0.2009	-9.83E-5	-6.77E-4	-2.57E-3
	CC2	1.1576	-0.2954	-0.1336	-7.24E-5	-7.74E-4	-2.02E-3
	CC3	1.2784	-1.4084	0.1871	1.45E-5	-1.11E-3	-2.77E-3
	CC4	1.2895	-1.3434	0.2543	4.05E-5	-1.21E-3	-2.22E-3
	CC5	-1.4166	1.3911	-0.5941	-2.37E-4	2.44E-6	2.33E-3
	CC6	-1.4055	1.4562	-0.5269	-2.11E-4	-9.50E-5	2.88E-3
	CC7	-1.2847	0.3431	-0.2062	-1.24E-4	-4.29E-4	2.13E-3
	CC8	-1.2736	0.4082	-0.1389	-9.81E-5	-5.27E-4	2.68E-3
	CC9	0.0934	1.4634	-0.8034	-2.83E-4	8.24E-5	-7.25E-4
	CC10	0.1086	1.5522	-0.7115	-2.48E-4	-5.08E-5	2.69E-5
	CC11	-0.6755	1.9888	-0.9214	-3.25E-4	2.86E-4	7.44E-4
	CC12	-0.6603	2.0777	-0.8295	-2.89E-4	1.53E-4	1.50E-3
	CC13	0.5332	-2.0300	0.4897	9.29E-5	-1.36E-3	-1.39E-3
	CC14	0.5484	-1.9411	0.5816	1.28E-4	-1.49E-3	-6.40E-4
	CC15	-0.2357	-1.5045	0.3718	5.13E-5	-1.15E-3	7.70E-5
	CC16	-0.2206	-1.4156	0.4637	8.68E-5	-1.29E-3	8.29E-4
76	CC1	1.1612	-0.4677	-0.1690	1.77E-5	-8.32E-4	-2.57E-3
	CC2	1.1723	-0.3802	-0.0966	3.42E-5	-9.14E-4	-2.02E-3
	CC3	1.2931	-1.5239	0.2414	5.05E-5	-1.17E-3	-2.77E-3
	CC4	1.3042	-1.4364	0.3138	6.69E-5	-1.26E-3	-2.22E-3
	CC5	-1.4019	1.4843	-0.5999	-2.65E-4	-1.68E-4	2.33E-3
	CC6	-1.3908	1.5718	-0.5275	-2.48E-4	-2.49E-4	2.88E-3
	CC7	-1.2700	0.4281	-0.1896	-2.32E-4	-5.09E-4	2.13E-3
	CC8	-1.2589	0.5156	-0.1172	-2.16E-4	-5.91E-4	2.68E-3
	CC9	0.1082	1.4317	-0.8118	-1.22E-4	-1.86E-4	-7.25E-4
	CC10	0.1233	1.5513	-0.7128	-9.99E-5	-2.98E-4	2.73E-5
	CC11	-0.6608	2.0172	-0.9411	-2.07E-4	1.33E-5	7.45E-4
	CC12	-0.6456	2.1369	-0.8421	-1.85E-4	-9.82E-5	1.50E-3
	CC13	0.5479	-2.0890	0.5560	-1.33E-5	-1.33E-3	-1.39E-3
	CC14	0.5631	-1.9693	0.6549	9.23E-6	-1.44E-3	-6.40E-4
	CC15	-0.2210	-1.5034	0.4267	-9.80E-5	-1.13E-3	7.74E-5
	CC16	-0.2058	-1.3837	0.5257	-7.56E-5	-1.24E-3	8.30E-4
77	CC1	1.1770	-0.5753	-0.1318	-1.24E-4	-8.59E-4	-2.57E-3
	CC2	1.1881	-0.4653	-0.0505	7.83E-5	-1.15E-3	-2.02E-3
	CC3	1.3089	-1.6397	0.3161	8.32E-4	-2.12E-3	-2.77E-3
	CC4	1.3200	-1.5297	0.3973	1.04E-3	-2.41E-3	-2.22E-3
	CC5	-1.3862	1.5771	-0.6257	-1.22E-3	1.01E-3	2.32E-3
	CC6	-1.3751	1.6871	-0.5445	-1.02E-3	7.18E-4	2.88E-3
	CC7	-1.2542	0.5127	-0.1778	-2.68E-4	-2.50E-4	2.12E-3
	CC8	-1.2431	0.6227	-0.0966	-6.52E-5	-5.40E-4	2.67E-3
	CC9	0.1239	1.3996	-0.8420	-1.66E-3	1.32E-3	-7.27E-4
	CC10	0.1391	1.5500	-0.7310	-1.39E-3	9.20E-4	2.51E-5
	CC11	-0.6450	2.0453	-0.9902	-1.99E-3	1.88E-3	7.42E-4
	CC12	-0.6299	2.1957	-0.8792	-1.72E-3	1.48E-3	1.49E-3
	CC13	0.5637	-2.1483	0.6508	1.53E-3	-2.88E-3	-1.39E-3
	CC14	0.5788	-1.9979	0.7618	1.80E-3	-3.28E-3	-6.42E-4
	CC15	-0.2053	-1.5026	0.5026	1.20E-3	-2.32E-3	7.52E-5
	CC16	-0.1901	-1.3522	0.6136	1.47E-3	-2.72E-3	8.28E-4
78	CC1	1.0613	-0.6832	-0.1244	-2.84E-4	-5.56E-4	-2.58E-3
	CC2	1.0999	-0.5506	-0.0436	1.85E-4	-6.80E-4	-2.03E-3
	CC3	1.1832	-1.7557	0.3267	2.00E-3	-1.15E-3	-2.78E-3
	CC4	1.2218	-1.6232	0.4075	2.47E-3	-1.27E-3	-2.23E-3
	CC5	-1.2569	1.6696	-0.5769	-2.76E-3	2.31E-4	2.32E-3
	CC6	-1.2183	1.8022	-0.4961	-2.29E-3	1.07E-4	2.87E-3
	CC7	-1.1350	0.5971	-0.1259	-4.67E-4	-3.62E-4	2.12E-3
	CC8	-1.0964	0.7297	-0.0451	1.94E-6	-4.86E-4	2.67E-3
	CC9	0.1006	1.3673	-0.8238	-3.91E-3	4.34E-4	-7.35E-4
	CC10	0.1533	1.5485	-0.7134	-3.26E-3	2.64E-4	1.72E-5
	CC11	-0.5949	2.0732	-0.9596	-4.65E-3	6.70E-4	7.35E-4
	CC12	-0.5421	2.2544	-0.8491	-4.01E-3	5.01E-4	1.49E-3
	CC13	0.5070	-2.2079	0.6797	3.72E-3	-1.54E-3	-1.40E-3
	CC14	0.5598	-2.0267	0.7901	4.36E-3	-1.71E-3	-6.50E-4

	CC15	-0.1885	-1.5020	0.5439	2.98E-3	-1.31E-3	6.73E-5
	CC16	-0.1357	-1.3209	0.6543	3.62E-3	-1.48E-3	8.20E-4
79	CC1	0.8631	-0.5753	-0.1181	-3.14E-4	-1.03E-3	-2.56E-3
	CC2	0.9414	-0.4653	-0.0553	-2.17E-4	-9.38E-4	-2.01E-3
	CC3	0.9706	-1.6397	0.2524	4.47E-5	-6.50E-4	-2.76E-3
	CC4	1.0489	-1.5296	0.3151	1.41E-4	-5.58E-4	-2.21E-3
	CC5	-1.1021	1.5771	-0.5141	-3.86E-4	-8.89E-4	2.34E-3
	CC6	-1.0238	1.6871	-0.4513	-2.89E-4	-7.97E-4	2.89E-3
	CC7	-0.9946	0.5127	-0.1436	-2.73E-5	-5.09E-4	2.14E-3
	CC8	-0.9163	0.6228	-0.0808	6.92E-5	-4.17E-4	2.69E-3
	CC9	0.0356	1.3996	-0.7004	-7.75E-4	-1.44E-3	-7.13E-4
	CC10	0.1425	1.5500	-0.6146	-6.43E-4	-1.31E-3	3.97E-5
	CC11	-0.5540	2.0453	-0.8192	-7.97E-4	-1.40E-3	7.57E-4
	CC12	-0.4470	2.1958	-0.7334	-6.65E-4	-1.27E-3	1.51E-3
	CC13	0.3939	-2.1483	0.5345	4.20E-4	-1.74E-4	-1.38E-3
	CC14	0.5009	-1.9979	0.6203	5.52E-4	-4.85E-5	-6.28E-4
	CC15	-0.1957	-1.5026	0.4157	3.99E-4	-1.32E-4	8.97E-5
	CC16	-0.0887	-1.3522	0.5015	5.30E-4	-6.29E-6	8.42E-4
80	CC1	0.8416	-0.4677	-0.1594	-1.27E-4	-8.56E-4	-2.58E-3
	CC2	0.9210	-0.3801	-0.0946	-7.14E-5	-8.72E-4	-2.03E-3
	CC3	0.9487	-1.5238	0.2193	1.28E-4	-9.37E-4	-2.78E-3
	CC4	1.0281	-1.4363	0.2840	1.84E-4	-9.54E-4	-2.23E-3
	CC5	-1.1136	1.4843	-0.5461	-3.67E-4	-6.17E-4	2.32E-3
	CC6	-1.0342	1.5719	-0.4814	-3.11E-4	-6.33E-4	2.87E-3
	CC7	-1.0065	0.4281	-0.1675	-1.12E-4	-6.98E-4	2.12E-3
	CC8	-0.9271	0.5157	-0.1028	-5.63E-5	-7.14E-4	2.67E-3
	CC9	0.0178	1.4317	-0.7483	-5.19E-4	-6.75E-4	-7.29E-4
	CC10	0.1263	1.5513	-0.6598	-4.43E-4	-6.97E-4	2.35E-5
	CC11	-0.5688	2.0173	-0.8644	-5.91E-4	-6.03E-4	7.41E-4
	CC12	-0.4602	2.1369	-0.7759	-5.15E-4	-6.25E-4	1.49E-3
	CC13	0.3748	-2.0889	0.5138	3.31E-4	-9.45E-4	-1.40E-3
	CC14	0.4833	-1.9693	0.6023	4.07E-4	-9.67E-4	-6.44E-4
	CC15	-0.2118	-1.5033	0.3977	2.59E-4	-8.74E-4	7.35E-5
	CC16	-0.1033	-1.3837	0.4862	3.35E-4	-8.96E-4	8.26E-4
81	CC1	0.8208	-0.3604	-0.1938	-3.27E-5	-7.47E-4	-2.60E-3
	CC2	0.9013	-0.2954	-0.1303	-1.04E-5	-7.84E-4	-2.05E-3
	CC3	0.9274	-1.4084	0.1788	5.81E-5	-9.15E-4	-2.80E-3
	CC4	1.0080	-1.3434	0.2422	8.04E-5	-9.52E-4	-2.25E-3
	CC5	-1.1244	1.3912	-0.5646	-1.67E-4	-3.74E-4	2.30E-3
	CC6	-1.0439	1.4562	-0.5011	-1.44E-4	-4.11E-4	2.85E-3
	CC7	-1.0177	0.3432	-0.1921	-7.57E-5	-5.41E-4	2.10E-3
	CC8	-0.9372	0.4082	-0.1286	-5.35E-5	-5.78E-4	2.65E-3
	CC9	0.0007	1.4634	-0.7699	-1.90E-4	-4.15E-4	-7.55E-4
	CC10	0.1108	1.5522	-0.6831	-1.59E-4	-4.65E-4	-2.24E-6
	CC11	-0.5828	1.9889	-0.8811	-2.30E-4	-3.03E-4	7.15E-4
	CC12	-0.4728	2.0777	-0.7944	-1.99E-4	-3.53E-4	1.47E-3
	CC13	0.3563	-2.0299	0.4720	1.13E-4	-9.72E-4	-1.42E-3
	CC14	0.4664	-1.9411	0.5588	1.44E-4	-1.02E-3	-6.70E-4
	CC15	-0.2272	-1.5045	0.3608	7.30E-5	-8.60E-4	4.78E-5
	CC16	-0.1172	-1.4156	0.4475	1.03E-4	-9.11E-4	8.00E-4
82	CC1	0.8035	-0.2534	-0.2214	8.57E-6	-5.30E-4	-2.62E-3
	CC2	0.8852	-0.2109	-0.1601	2.00E-5	-5.79E-4	-2.07E-3
	CC3	0.9098	-1.2932	0.1413	5.13E-5	-7.44E-4	-2.82E-3
	CC4	0.9914	-1.2507	0.2025	6.27E-5	-7.93E-4	-2.27E-3
	CC5	-1.1316	1.2977	-0.5714	-7.84E-5	-1.06E-4	2.28E-3
	CC6	-1.0500	1.3402	-0.5102	-6.70E-5	-1.55E-4	2.83E-3
	CC7	-1.0254	0.2579	-0.2087	-3.57E-5	-3.20E-4	2.08E-3
	CC8	-0.9437	0.3004	-0.1475	-2.43E-5	-3.69E-4	2.63E-3
	CC9	-0.0128	1.4948	-0.7782	-7.38E-5	-1.23E-4	-7.73E-4
	CC10	0.0988	1.5529	-0.6946	-5.82E-5	-1.90E-4	-2.09E-5
	CC11	-0.5933	1.9601	-0.8832	-9.98E-5	4.26E-6	6.96E-4
	CC12	-0.4817	2.0182	-0.7996	-8.43E-5	-6.33E-5	1.45E-3
	CC13	0.3415	-1.9712	0.4307	6.85E-5	-8.36E-4	-1.44E-3
	CC14	0.4531	-1.9131	0.5144	8.41E-5	-9.03E-4	-6.88E-4
	CC15	-0.2391	-1.5059	0.3257	4.24E-5	-7.09E-4	2.92E-5
	CC16	-0.1275	-1.4478	0.4094	5.80E-5	-7.76E-4	7.82E-4
83	CC1	0.7914	-0.1467	-0.2392	4.22E-5	-2.70E-4	-2.63E-3
	CC2	0.8742	-0.1268	-0.1806	4.67E-5	-3.21E-4	-2.08E-3
	CC3	0.8973	-1.1783	0.1126	4.54E-5	-4.80E-4	-2.83E-3
	CC4	0.9801	-1.1584	0.1712	4.98E-5	-5.31E-4	-2.28E-3
	CC5	-1.1337	1.2040	-0.5668	-1.26E-5	1.66E-4	2.26E-3
	CC6	-1.0509	1.2240	-0.5081	-8.18E-6	1.15E-4	2.82E-3
	CC7	-1.0278	0.1724	-0.2150	-9.48E-6	-4.31E-5	2.06E-3

	CC8	-0.9450	0.1924	-0.1564	-5.06E-6	-9.41E-5	2.61E-3
	CC9	-0.0210	1.5259	-0.7750	1.86E-5	1.36E-4	-7.87E-4
	CC10	0.0921	1.5532	-0.6949	2.46E-5	6.64E-5	-3.49E-5
	CC11	-0.5986	1.9311	-0.8733	2.15E-6	2.67E-4	6.83E-4
	CC12	-0.4854	1.9584	-0.7931	8.19E-6	1.97E-4	1.43E-3
	CC13	0.3318	-1.9128	0.3976	2.90E-5	-5.62E-4	-1.45E-3
	CC14	0.4450	-1.8855	0.4777	3.50E-5	-6.31E-4	-7.02E-4
	CC15	-0.2457	-1.5076	0.2993	1.25E-5	-4.31E-4	1.52E-5
	CC16	-0.1326	-1.4803	0.3794	1.86E-5	-5.00E-4	7.68E-4
84	CC1	0.7853	-0.0403	-0.2465	7.39E-5	-7.20E-6	-2.64E-3
	CC2	0.8692	-0.0428	-0.1904	7.12E-5	-5.36E-5	-2.09E-3
	CC3	0.8908	-1.0637	0.0957	2.66E-5	-1.74E-4	-2.84E-3
	CC4	0.9747	-1.0663	0.1518	2.38E-5	-2.20E-4	-2.29E-3
	CC5	-1.1298	1.1100	-0.5516	5.02E-5	4.12E-4	2.25E-3
	CC6	-1.0459	1.1075	-0.4955	4.74E-5	3.66E-4	2.81E-3
	CC7	-1.0243	0.0866	-0.2094	2.82E-6	2.45E-4	2.05E-3
	CC8	-0.9404	0.0840	-0.1533	6.83E-8	1.99E-4	2.61E-3
	CC9	-0.0234	1.5568	-0.7628	1.21E-4	3.43E-4	-7.97E-4
	CC10	0.0913	1.5533	-0.6861	1.18E-4	2.79E-4	-4.46E-5
	CC11	-0.5979	1.9019	-0.8543	1.14E-4	4.68E-4	6.73E-4
	CC12	-0.4832	1.8984	-0.7777	1.10E-4	4.05E-4	1.43E-3
	CC13	0.3281	-1.8546	0.3779	-3.65E-5	-2.13E-4	-1.46E-3
	CC14	0.4428	-1.8581	0.4545	-4.02E-5	-2.77E-4	-7.12E-4
	CC15	-0.2464	-1.5095	0.2863	-4.36E-5	-8.75E-5	5.47E-6
	CC16	-0.1317	-1.5130	0.3630	-4.74E-5	-1.51E-4	7.58E-4
85	CC1	0.7849	0.0659	-0.2442	1.19E-4	2.10E-4	-2.65E-3
	CC2	0.8699	0.0408	-0.1902	1.05E-4	1.72E-4	-2.10E-3
	CC3	0.8899	-0.9493	0.0921	-1.91E-5	1.23E-4	-2.85E-3
	CC4	0.9749	-0.9744	0.1461	-3.34E-5	8.46E-5	-2.30E-3
	CC5	-1.1202	1.0158	-0.5284	1.30E-4	6.03E-4	2.25E-3
	CC6	-1.0352	0.9907	-0.4744	1.16E-4	5.64E-4	2.80E-3
	CC7	-1.0152	0.0006	-0.1921	-8.08E-6	5.16E-4	2.05E-3
	CC8	-0.9301	-0.0245	-0.1382	-2.23E-5	4.77E-4	2.60E-3
	CC9	-0.0201	1.5874	-0.7459	2.87E-4	4.56E-4	-8.03E-4
	CC10	0.0962	1.5532	-0.6721	2.68E-4	4.03E-4	-5.07E-5
	CC11	-0.5916	1.8724	-0.8311	2.91E-4	5.74E-4	6.67E-4
	CC12	-0.4754	1.8381	-0.7574	2.71E-4	5.21E-4	1.42E-3
	CC13	0.3301	-1.7967	0.3750	-1.74E-4	1.66E-4	-1.47E-3
	CC14	0.4463	-1.8310	0.4488	-1.94E-4	1.14E-4	-7.18E-4
	CC15	-0.2414	-1.5117	0.2898	-1.71E-4	2.84E-4	-6.20E-7
	CC16	-0.1252	-1.5460	0.3635	-1.90E-4	2.31E-4	7.52E-4
86	CC1	0.7891	0.1719	-0.2359	1.70E-4	3.20E-4	-2.65E-3
	CC2	0.8752	0.1243	-0.1829	1.34E-4	3.20E-4	-2.10E-3
	CC3	0.8937	-0.8352	0.1035	-1.43E-4	4.94E-4	-2.85E-3
	CC4	0.9799	-0.8827	0.1565	-1.80E-4	4.95E-4	-2.30E-3
	CC5	-1.1060	0.9214	-0.5038	2.89E-4	5.48E-4	2.25E-3
	CC6	-1.0198	0.8738	-0.4508	2.53E-4	5.49E-4	2.80E-3
	CC7	-1.0014	-0.0857	-0.1644	-2.41E-5	7.22E-4	2.05E-3
	CC8	-0.9152	-0.1333	-0.1114	-6.04E-5	7.23E-4	2.60E-3
	CC9	-0.0121	1.6178	-0.7353	5.84E-4	1.96E-4	-8.06E-4
	CC10	0.1057	1.5528	-0.6628	5.35E-4	1.97E-4	-5.40E-5
	CC11	-0.5806	1.8427	-0.8157	6.20E-4	2.65E-4	6.63E-4
	CC12	-0.4628	1.7776	-0.7432	5.70E-4	2.66E-4	1.42E-3
	CC13	0.3367	-1.7390	0.3959	-4.61E-4	7.77E-4	-1.47E-3
	CC14	0.4545	-1.8040	0.4684	-5.10E-4	7.78E-4	-7.21E-4
	CC15	-0.2318	-1.5142	0.3155	-4.25E-4	8.45E-4	-3.96E-6
	CC16	-0.1141	-1.5792	0.3880	-4.75E-4	8.47E-4	7.48E-4
87	CC1	0.7960	0.2777	-0.2284	3.40E-4	2.47E-4	-2.66E-3
	CC2	0.8832	0.2076	-0.1749	2.60E-4	2.32E-4	-2.11E-3
	CC3	0.9002	-0.7212	0.1279	-3.28E-4	5.45E-4	-2.86E-3
	CC4	0.9875	-0.7913	0.1814	-4.08E-4	5.30E-4	-2.31E-3
	CC5	-1.0891	0.8267	-0.4833	5.29E-4	6.52E-4	2.24E-3
	CC6	-1.0018	0.7566	-0.4299	4.48E-4	6.37E-4	2.79E-3
	CC7	-0.9849	-0.1721	-0.1270	-1.40E-4	9.50E-4	2.04E-3
	CC8	-0.8976	-0.2423	-0.0736	-2.20E-4	9.35E-4	2.59E-3
	CC9	-0.0014	1.6480	-0.7431	1.20E-3	4.39E-5	-8.09E-4
	CC10	0.1179	1.5522	-0.6701	1.09E-3	2.36E-5	-5.68E-5
	CC11	-0.5669	1.8127	-0.8196	1.26E-3	1.65E-4	6.61E-4
	CC12	-0.4476	1.7169	-0.7465	1.15E-3	1.45E-4	1.41E-3
	CC13	0.3460	-1.6815	0.4446	-1.03E-3	1.04E-3	-1.48E-3
	CC14	0.4653	-1.7773	0.5177	-1.14E-3	1.02E-3	-7.24E-4
	CC15	-0.2195	-1.5168	0.3681	-9.71E-4	1.16E-3	-6.74E-6
	CC16	-0.1002	-1.6126	0.4412	-1.08E-3	1.14E-3	7.46E-4

88	CC1	0.8027	0.3833	-0.2303	4.96E-4	3.22E-5	-2.67E-3
	CC2	0.8911	0.2906	-0.1692	3.32E-4	3.90E-4	-2.12E-3
	CC3	0.9065	-0.6074	0.1886	-8.48E-4	2.24E-3	-2.87E-3
	CC4	0.9949	-0.7000	0.2497	-1.01E-3	2.60E-3	-2.32E-3
	CC5	-1.0723	0.7319	-0.5068	1.17E-3	-1.59E-3	2.23E-3
	CC6	-0.9839	0.6393	-0.4458	1.00E-3	-1.23E-3	2.78E-3
	CC7	-0.9685	-0.2588	-0.0879	-1.78E-4	6.22E-4	2.03E-3
	CC8	-0.8801	-0.3514	-0.0268	-3.42E-4	9.80E-4	2.58E-3
	CC9	0.0091	1.6781	-0.8270	2.33E-3	-3.18E-3	-8.18E-4
	CC10	0.1300	1.5515	-0.7435	2.11E-3	-2.69E-3	-6.59E-5
	CC11	-0.5534	1.7826	-0.9100	2.53E-3	-3.66E-3	6.51E-4
	CC12	-0.4325	1.6560	-0.8265	2.31E-3	-3.17E-3	1.40E-3
	CC13	0.3552	-1.6242	0.5694	-2.15E-3	4.18E-3	-1.49E-3
	CC14	0.4760	-1.7508	0.6529	-2.38E-3	4.67E-3	-7.33E-4
	CC15	-0.2073	-1.5196	0.4864	-1.95E-3	3.70E-3	-1.58E-5
	CC16	-0.0865	-1.6462	0.5699	-2.18E-3	4.19E-3	7.37E-4
89	CC1	1.2954	-0.6830	0.1464	6.90E-3	-1.32E-3	-2.61E-3
	CC2	1.2844	-0.5504	0.1959	5.31E-3	-1.28E-3	-2.06E-3
	CC3	1.4353	-1.7555	0.3787	-2.38E-3	-1.15E-3	-2.81E-3
	CC4	1.4244	-1.6230	0.4282	-3.97E-3	-1.12E-3	-2.26E-3
	CC5	-1.4637	1.6699	-0.5969	4.29E-3	1.31E-4	2.29E-3
	CC6	-1.4747	1.8024	-0.5474	2.69E-3	1.65E-4	2.84E-3
	CC7	-1.3238	0.5973	-0.3646	-4.99E-3	2.93E-4	2.09E-3
	CC8	-1.3347	0.7299	-0.3151	-6.58E-3	3.28E-4	2.64E-3
	CC9	0.1684	1.3675	-0.3939	1.71E-2	-1.00E-3	-7.61E-4
	CC10	0.1535	1.5487	-0.3262	1.49E-2	-9.58E-4	-8.17E-6
	CC11	-0.6593	2.0734	-0.6169	1.63E-2	-5.71E-4	7.09E-4
	CC12	-0.6742	2.2546	-0.5492	1.41E-2	-5.24E-4	1.46E-3
	CC13	0.6349	-2.2077	0.3805	-1.38E-2	-4.64E-4	-1.43E-3
	CC14	0.6200	-2.0265	0.4482	-1.60E-2	-4.18E-4	-6.75E-4
	CC15	-0.1928	-1.5018	0.1575	-1.46E-2	-3.03E-5	4.19E-5
	CC16	-0.2078	-1.3206	0.2252	-1.68E-2	1.65E-5	7.94E-4
90	CC1	1.3993	-0.6830	0.4356	7.20E-3	-1.09E-3	-2.59E-3
	CC2	1.3664	-0.5505	0.4098	5.16E-3	-1.10E-3	-2.04E-3
	CC3	1.5473	-1.7556	0.2400	-4.21E-3	-1.32E-3	-2.79E-3
	CC4	1.5143	-1.6230	0.2142	-6.24E-3	-1.32E-3	-2.24E-3
	CC5	-1.5557	1.6698	-0.3675	6.68E-3	4.28E-4	2.31E-3
	CC6	-1.5887	1.8024	-0.3934	4.65E-3	4.25E-4	2.86E-3
	CC7	-1.4078	0.5972	-0.5631	-4.73E-3	2.01E-4	2.11E-3
	CC8	-1.4407	0.7298	-0.5889	-6.76E-3	1.99E-4	2.66E-3
	CC9	0.1985	1.3675	0.3874	2.07E-2	-2.97E-4	-7.45E-4
	CC10	0.1535	1.5487	0.3521	1.79E-2	-3.00E-4	6.99E-6
	CC11	-0.6880	2.0733	0.1465	2.05E-2	1.60E-4	7.24E-4
	CC12	-0.7331	2.2545	0.1111	1.78E-2	1.56E-4	1.48E-3
	CC13	0.6917	-2.2078	-0.2645	-1.73E-2	-1.05E-3	-1.41E-3
	CC14	0.6466	-2.0266	-0.2998	-2.01E-2	-1.05E-3	-6.60E-4
	CC15	-0.1949	-1.5019	-0.5054	-1.75E-2	-5.95E-4	5.70E-5
	CC16	-0.2399	-1.3207	-0.5407	-2.03E-2	-5.98E-4	8.09E-4
91	CC1	1.5939	-0.7739	0.9805	7.22E-3	-3.67E-4	-2.62E-3
	CC2	1.5197	-0.6220	0.8079	5.17E-3	-5.61E-4	-2.07E-3
	CC3	1.7568	-1.8535	-0.0371	-4.39E-3	-1.77E-3	-2.82E-3
	CC4	1.6826	-1.7016	-0.2097	-6.43E-3	-1.96E-3	-2.27E-3
	CC5	-1.7286	1.7504	0.1107	6.79E-3	1.32E-3	2.27E-3
	CC6	-1.8028	1.9023	-0.0619	4.74E-3	1.12E-3	2.82E-3
	CC7	-1.5656	0.6708	-0.9069	-4.82E-3	-8.36E-5	2.07E-3
	CC8	-1.6399	0.8227	-1.0795	-6.86E-3	-2.78E-4	2.62E-3
	CC9	0.2545	1.3413	1.8949	2.10E-2	1.89E-3	-7.77E-4
	CC10	0.1530	1.5488	1.6590	1.82E-2	1.62E-3	-2.50E-5
	CC11	-0.7422	2.0986	1.6340	2.09E-2	2.39E-3	6.92E-4
	CC12	-0.8437	2.3061	1.3981	1.81E-2	2.13E-3	1.44E-3
	CC13	0.7977	-2.2573	-1.4972	-1.77E-2	-2.77E-3	-1.44E-3
	CC14	0.6962	-2.0498	-1.7330	-2.05E-2	-3.04E-3	-6.92E-4
	CC15	-0.1990	-1.5000	-1.7581	-1.78E-2	-2.27E-3	2.50E-5
	CC16	-0.3005	-1.2925	-1.9940	-2.06E-2	-2.53E-3	7.77E-4
92	CC1	1.5939	-0.8648	0.9909	7.06E-3	-2.85E-4	-2.62E-3
	CC2	1.5197	-0.6937	0.8260	5.06E-3	-5.01E-4	-2.07E-3
	CC3	1.7569	-1.9513	0.0256	-4.19E-3	-1.70E-3	-2.82E-3
	CC4	1.6826	-1.7802	-0.1393	-6.19E-3	-1.92E-3	-2.27E-3
	CC5	-1.7286	1.8310	0.0624	6.52E-3	1.28E-3	2.27E-3
	CC6	-1.8028	2.0021	-0.1025	4.52E-3	1.07E-3	2.82E-3
	CC7	-1.5656	0.7444	-0.9029	-4.73E-3	-1.36E-4	2.07E-3
	CC8	-1.6399	0.9155	-1.0677	-6.72E-3	-3.51E-4	2.62E-3
	CC9	0.2545	1.3151	1.8223	2.04E-2	1.95E-3	-7.77E-4

	CC10	0.1531	1.5489	1.5970	1.76E-2	1.66E-3	-2.50E-5
	CC11	-0.7422	2.1238	1.5438	2.02E-2	2.42E-3	6.92E-4
	CC12	-0.8437	2.3576	1.3184	1.75E-2	2.13E-3	1.44E-3
	CC13	0.7977	-2.3069	-1.3953	-1.71E-2	-2.77E-3	-1.44E-3
	CC14	0.6963	-2.0730	-1.6207	-1.99E-2	-3.06E-3	-6.92E-4
	CC15	-0.1990	-1.4981	-1.6738	-1.73E-2	-2.30E-3	2.50E-5
	CC16	-0.3005	-1.2643	-1.8992	-2.00E-2	-2.59E-3	7.77E-4
93	CC1	1.4749	-0.9557	0.6840	6.82E-3	-3.71E-4	-2.62E-3
	CC2	1.4259	-0.7653	0.6143	4.95E-3	-5.32E-4	-2.07E-3
	CC3	1.6287	-2.0493	0.2608	-3.69E-3	-1.44E-3	-2.82E-3
	CC4	1.5797	-1.8589	0.1911	-5.56E-3	-1.60E-3	-2.27E-3
	CC5	-1.6230	1.9116	-0.2595	5.85E-3	9.43E-4	2.27E-3
	CC6	-1.6720	2.1019	-0.3292	3.98E-3	7.82E-4	2.82E-3
	CC7	-1.4693	0.8180	-0.6827	-4.66E-3	-1.30E-4	2.07E-3
	CC8	-1.5183	1.0084	-0.7524	-6.53E-3	-2.90E-4	2.62E-3
	CC9	0.2202	1.2888	0.8603	1.91E-2	1.37E-3	-7.77E-4
	CC10	0.1532	1.5490	0.7651	1.65E-2	1.15E-3	-2.50E-5
	CC11	-0.7092	2.1490	0.5773	1.88E-2	1.76E-3	6.92E-4
	CC12	-0.7762	2.4092	0.4820	1.62E-2	1.54E-3	1.44E-3
	CC13	0.7328	-2.3565	-0.5504	-1.59E-2	-2.20E-3	-1.44E-3
	CC14	0.6658	-2.0963	-0.6456	-1.85E-2	-2.42E-3	-6.92E-4
	CC15	-0.1966	-1.4963	-0.8334	-1.62E-2	-1.81E-3	2.50E-5
	CC16	-0.2635	-1.2361	-0.9287	-1.88E-2	-2.03E-3	7.77E-4
94	CC1	1.3558	-0.9557	0.3885	6.08E-3	-5.33E-4	-2.62E-3
	CC2	1.3321	-0.7653	0.3965	4.55E-3	-6.18E-4	-2.07E-3
	CC3	1.5005	-2.0493	0.4026	-2.54E-3	-1.15E-3	-2.82E-3
	CC4	1.4767	-1.8589	0.4106	-4.07E-3	-1.24E-3	-2.27E-3
	CC5	-1.5176	1.9115	-0.4900	4.27E-3	5.35E-4	2.27E-3
	CC6	-1.5413	2.1019	-0.4820	2.75E-3	4.51E-4	2.82E-3
	CC7	-1.3730	0.8180	-0.4759	-4.35E-3	-8.36E-5	2.07E-3
	CC8	-1.3967	1.0083	-0.4679	-5.87E-3	-1.68E-4	2.62E-3
	CC9	0.1858	1.2888	0.0631	1.58E-2	5.79E-4	-7.77E-4
	CC10	0.1533	1.5490	0.0740	1.37E-2	4.63E-4	-2.50E-5
	CC11	-0.6762	2.1490	-0.2004	1.52E-2	8.99E-4	6.92E-4
	CC12	-0.7087	2.4092	-0.1895	1.32E-2	7.83E-4	1.44E-3
	CC13	0.6678	-2.3565	0.1101	-1.29E-2	-1.48E-3	-1.44E-3
	CC14	0.6353	-2.0963	0.1210	-1.50E-2	-1.60E-3	-6.92E-4
	CC15	-0.1942	-1.4963	-0.1534	-1.35E-2	-1.16E-3	2.50E-5
	CC16	-0.2267	-1.2361	-0.1425	-1.56E-2	-1.28E-3	7.77E-4
95	CC1	1.2367	-0.9556	0.1447	4.55E-3	-6.89E-4	-2.62E-3
	CC2	1.2382	-0.7652	0.2088	3.63E-3	-7.26E-4	-2.07E-3
	CC3	1.3721	-2.0492	0.4788	-8.04E-4	-9.99E-4	-2.82E-3
	CC4	1.3736	-1.8588	0.5429	-1.72E-3	-1.04E-3	-2.27E-3
	CC5	-1.4122	1.9116	-0.6285	1.80E-3	2.98E-4	2.27E-3
	CC6	-1.4107	2.1020	-0.5644	8.81E-4	2.61E-4	2.82E-3
	CC7	-1.2767	0.8180	-0.2944	-3.56E-3	-1.30E-5	2.07E-3
	CC8	-1.2753	1.0084	-0.2304	-4.47E-3	-5.00E-5	2.62E-3
	CC9	0.1513	1.2889	-0.5274	1.00E-2	2.58E-5	-7.77E-4
	CC10	0.1533	1.5490	-0.4398	8.75E-3	-2.47E-5	-2.50E-5
	CC11	-0.6433	2.1490	-0.7593	9.18E-3	3.22E-4	6.92E-4
	CC12	-0.6413	2.4092	-0.6718	7.92E-3	2.71E-4	1.44E-3
	CC13	0.6028	-2.3564	0.5861	-7.85E-3	-1.01E-3	-1.44E-3
	CC14	0.6048	-2.0962	0.6737	-9.10E-3	-1.06E-3	-6.92E-4
	CC15	-0.1919	-1.4963	0.3542	-8.67E-3	-7.14E-4	2.50E-5
	CC16	-0.1899	-1.2361	0.4417	-9.93E-3	-7.64E-4	7.77E-4
96	CC1	1.1177	-0.9554	-0.0179	2.50E-3	-6.04E-4	-2.62E-3
	CC2	1.1444	-0.7650	0.0730	2.25E-3	-6.87E-4	-2.07E-3
	CC3	1.2440	-2.0490	0.4793	7.53E-4	-1.11E-3	-2.82E-3
	CC4	1.2706	-1.8586	0.5702	5.08E-4	-1.19E-3	-2.27E-3
	CC5	-1.3066	1.9118	-0.6560	-5.73E-4	4.45E-4	2.27E-3
	CC6	-1.2799	2.1022	-0.5651	-8.18E-4	3.62E-4	2.82E-3
	CC7	-1.1804	0.8182	-0.1589	-2.32E-3	-5.81E-5	2.07E-3
	CC8	-1.1537	1.0086	-0.0679	-2.56E-3	-1.41E-4	2.62E-3
	CC9	0.1170	1.2891	-0.8380	3.50E-3	3.65E-4	-7.77E-4
	CC10	0.1535	1.5493	-0.7137	3.17E-3	2.52E-4	-2.50E-5
	CC11	-0.6103	2.1492	-1.0294	2.58E-3	6.79E-4	6.92E-4
	CC12	-0.5738	2.4094	-0.9052	2.25E-3	5.66E-4	1.44E-3
	CC13	0.5379	-2.3562	0.8193	-2.31E-3	-1.31E-3	-1.44E-3
	CC14	0.5743	-2.0960	0.9436	-2.65E-3	-1.42E-3	-6.92E-4
	CC15	-0.1894	-1.4960	0.6279	-3.23E-3	-9.96E-4	2.50E-5
	CC16	-0.1530	-1.2359	0.7521	-3.57E-3	-1.11E-3	7.77E-4
97	CC1	0.9990	-0.9552	-0.0937	7.87E-4	-1.44E-4	-2.62E-3
	CC2	1.0509	-0.7649	-0.0014	9.66E-4	-3.54E-4	-2.07E-3

	CC3	1.1161	-2.0488	0.4302	1.33E-3	-1.31E-3	-2.82E-3
	CC4	1.1680	-1.8584	0.5225	1.51E-3	-1.52E-3	-2.27E-3
	CC5	-1.2008	1.9120	-0.6030	-1.68E-3	7.93E-4	2.27E-3
	CC6	-1.1489	2.1024	-0.5107	-1.50E-3	5.83E-4	2.82E-3
	CC7	-1.0837	0.8184	-0.0792	-1.13E-3	-3.77E-4	2.07E-3
	CC8	-1.0318	1.0088	0.0131	-9.51E-4	-5.87E-4	2.62E-3
	CC9	0.0829	1.2892	-0.9000	-7.44E-4	1.59E-3	-7.77E-4
	CC10	0.1539	1.5494	-0.7739	-4.99E-4	1.30E-3	-2.50E-5
	CC11	-0.5770	2.1494	-1.0528	-1.48E-3	1.87E-3	6.92E-4
	CC12	-0.5060	2.4096	-0.9267	-1.24E-3	1.58E-3	1.44E-3
	CC13	0.4732	-2.3560	0.8462	1.07E-3	-2.31E-3	-1.44E-3
	CC14	0.5442	-2.0958	0.9723	1.32E-3	-2.60E-3	-6.92E-4
	CC15	-0.1867	-1.4959	0.6934	3.34E-4	-2.03E-3	2.50E-5
	CC16	-0.1158	-1.2357	0.8195	5.80E-4	-2.32E-3	7.77E-4
98	CC1	0.8803	-0.8645	-0.1107	1.29E-4	2.07E-4	-2.62E-3
	CC2	0.9575	-0.6934	-0.0381	4.18E-4	-5.73E-5	-2.07E-3
	CC3	0.9882	-1.9511	0.3253	1.26E-3	-1.25E-3	-2.82E-3
	CC4	1.0654	-1.7800	0.3979	1.55E-3	-1.51E-3	-2.27E-3
	CC5	-1.0949	1.8313	-0.4953	-1.75E-3	7.95E-4	2.27E-3
	CC6	-1.0178	2.0024	-0.4227	-1.46E-3	5.30E-4	2.82E-3
	CC7	-0.9870	0.7447	-0.0593	-6.20E-4	-6.63E-4	2.07E-3
	CC8	-0.9098	0.9158	0.0133	-3.31E-4	-9.27E-4	2.62E-3
	CC9	0.0490	1.3153	-0.7673	-1.90E-3	2.16E-3	-7.77E-4
	CC10	0.1544	1.5492	-0.6681	-1.51E-3	1.80E-3	-2.50E-5
	CC11	-0.5436	2.1240	-0.8827	-2.47E-3	2.34E-3	6.92E-4
	CC12	-0.4382	2.3579	-0.7835	-2.07E-3	1.98E-3	1.44E-3
	CC13	0.4086	-2.3066	0.6861	1.87E-3	-2.70E-3	-1.44E-3
	CC14	0.5141	-2.0728	0.7853	2.27E-3	-3.06E-3	-6.92E-4
	CC15	-0.1839	-1.4979	0.5707	1.31E-3	-2.52E-3	2.50E-5
	CC16	-0.0785	-1.2640	0.6699	1.70E-3	-2.88E-3	7.77E-4
99	CC1	0.8805	-0.7738	-0.0958	-3.74E-4	4.04E-4	-2.62E-3
	CC2	0.9576	-0.6220	-0.0327	-4.94E-5	1.64E-4	-2.07E-3
	CC3	0.9884	-1.8534	0.2881	9.31E-4	-9.22E-4	-2.82E-3
	CC4	1.0655	-1.7016	0.3512	1.26E-3	-1.16E-3	-2.27E-3
	CC5	-1.0948	1.7505	-0.4739	-1.49E-3	4.13E-4	2.27E-3
	CC6	-1.0176	1.9023	-0.4108	-1.17E-3	1.73E-4	2.82E-3
	CC7	-0.9869	0.6709	-0.0900	-1.87E-4	-9.13E-4	2.07E-3
	CC8	-0.9097	0.8227	-0.0269	1.37E-4	-1.15E-3	2.62E-3
	CC9	0.0491	1.3413	-0.6876	-2.35E-3	2.00E-3	-7.77E-4
	CC10	0.1545	1.5489	-0.6013	-1.90E-3	1.67E-3	-2.50E-5
	CC11	-0.5435	2.0986	-0.8010	-2.68E-3	2.00E-3	6.92E-4
	CC12	-0.4380	2.3062	-0.7147	-2.24E-3	1.67E-3	1.44E-3
	CC13	0.4088	-2.2572	0.5920	2.00E-3	-2.42E-3	-1.44E-3
	CC14	0.5142	-2.0497	0.6782	2.45E-3	-2.75E-3	-6.92E-4
	CC15	-0.1838	-1.5000	0.4786	1.67E-3	-2.42E-3	2.50E-5
	CC16	-0.0783	-1.2924	0.5648	2.11E-3	-2.75E-3	7.77E-4
100	CC1	1.1928	-0.4149	-0.1723	3.97E-3	-1.98E-3	2.10E-3
	CC2	1.2240	-0.3487	-0.0643	3.10E-3	-1.96E-3	1.64E-3
	CC3	1.4181	-1.7273	0.4111	-2.76E-3	-1.50E-3	-1.46E-3
	CC4	1.4493	-1.6610	0.5190	-3.62E-3	-1.48E-3	-1.91E-3
	CC5	-1.4624	1.7132	-0.7461	3.93E-3	2.20E-4	2.08E-3
	CC6	-1.4312	1.7794	-0.6381	3.07E-3	2.36E-4	1.62E-3
	CC7	-1.2371	0.4008	-0.1627	-2.79E-3	7.02E-4	-1.47E-3
	CC8	-1.2059	0.4671	-0.0548	-3.65E-3	7.18E-4	-1.93E-3
	CC9	-0.0052	1.8489	-1.0735	1.20E-2	-1.77E-3	6.32E-3
	CC10	0.0375	1.9394	-0.9260	1.08E-2	-1.75E-3	5.70E-3
	CC11	-0.8017	2.4873	-1.2456	1.19E-2	-1.12E-3	6.32E-3
	CC12	-0.7591	2.5778	-1.0981	1.08E-2	-1.09E-3	5.69E-3
	CC13	0.7460	-2.5257	0.8711	-1.05E-2	-1.68E-4	-5.53E-3
	CC14	0.7886	-2.4351	1.0186	-1.16E-2	-1.47E-4	-6.15E-3
	CC15	-0.0506	-1.8872	0.6989	-1.05E-2	4.92E-4	-5.53E-3
	CC16	-0.0079	-1.7967	0.8465	-1.16E-2	5.13E-4	-6.16E-3
101	CC1	1.2116	-0.1153	-0.2706	3.86E-3	-2.16E-3	2.04E-3
	CC2	1.2602	-0.1280	-0.1579	3.03E-3	-2.32E-3	1.60E-3
	CC3	1.5105	-1.7313	0.3556	-2.93E-3	-2.42E-3	-1.55E-3
	CC4	1.5591	-1.7439	0.4683	-3.77E-3	-2.58E-3	-1.99E-3
	CC5	-1.5457	1.8020	-0.7460	4.18E-3	1.41E-3	2.21E-3
	CC6	-1.4970	1.7894	-0.6334	3.34E-3	1.25E-3	1.77E-3
	CC7	-1.2468	0.1861	-0.1198	-2.62E-3	1.15E-3	-1.39E-3
	CC8	-1.1982	0.1735	-0.0071	-3.45E-3	9.93E-4	-1.83E-3
	CC9	-0.1111	2.4434	-1.1882	1.21E-2	-5.86E-4	6.37E-3
	CC10	-0.0446	2.4261	-1.0343	1.09E-2	-7.98E-4	5.77E-3
	CC11	-0.9382	3.0186	-1.3309	1.21E-2	4.85E-4	6.42E-3

	CC12	-0.8718	3.0013	-1.1769	1.10E-2	2.72E-4	5.82E-3
	CC13	0.8852	-2.9432	0.8992	-1.06E-2	-1.44E-3	-5.61E-3
	CC14	0.9517	-2.9604	1.0531	-1.17E-2	-1.66E-3	-6.21E-3
	CC15	0.0580	-2.3680	0.7565	-1.05E-2	-3.72E-4	-5.56E-3
	CC16	0.1245	-2.3852	0.9105	-1.16E-2	-5.85E-4	-6.16E-3
102	CC1	1.2401	0.2062	-0.3739	3.86E-3	-2.36E-3	2.04E-3
	CC2	1.3061	0.1064	-0.2615	3.12E-3	-2.53E-3	1.65E-3
	CC3	1.6082	-1.7535	0.2736	-2.72E-3	-2.61E-3	-1.44E-3
	CC4	1.6742	-1.8533	0.3860	-3.45E-3	-2.78E-3	-1.83E-3
	CC5	-1.6379	1.9173	-0.7068	3.92E-3	1.87E-3	2.08E-3
	CC6	-1.5720	1.8175	-0.5945	3.19E-3	1.70E-3	1.69E-3
	CC7	-1.2698	-0.0424	-0.0593	-2.65E-3	1.62E-3	-1.40E-3
	CC8	-1.2038	-0.1422	0.0530	-3.39E-3	1.45E-3	-1.79E-3
	CC9	-0.2088	3.1098	-1.2665	1.17E-2	-5.61E-4	6.18E-3
	CC10	-0.1186	2.9734	-1.1129	1.07E-2	-7.96E-4	5.65E-3
	CC11	-1.0722	3.6231	-1.3664	1.17E-2	7.09E-4	6.19E-3
	CC12	-0.9820	3.4867	-1.2127	1.07E-2	4.74E-4	5.66E-3
	CC13	1.0183	-3.4227	0.8919	-1.02E-2	-1.38E-3	-5.41E-3
	CC14	1.1085	-3.5591	1.0455	-1.12E-2	-1.62E-3	-5.94E-3
	CC15	0.1549	-2.9094	0.7920	-1.02E-2	-1.13E-4	-5.40E-3
	CC16	0.2451	-3.0458	0.9456	-1.12E-2	-3.48E-4	-5.93E-3
103	CC1	1.2749	0.5479	-0.4796	3.75E-3	-2.40E-3	1.98E-3
	CC2	1.3577	0.3529	-0.3691	3.16E-3	-2.60E-3	1.67E-3
	CC3	1.7070	-1.7937	0.1838	-2.36E-3	-2.70E-3	-1.25E-3
	CC4	1.7898	-1.9888	0.2943	-2.95E-3	-2.89E-3	-1.56E-3
	CC5	-1.7378	2.0586	-0.6446	3.45E-3	2.38E-3	1.83E-3
	CC6	-1.6550	1.8636	-0.5341	2.86E-3	2.18E-3	1.51E-3
	CC7	-1.3058	-0.2831	0.0188	-2.65E-3	2.08E-3	-1.40E-3
	CC8	-1.2230	-0.4781	0.1293	-3.24E-3	1.88E-3	-1.71E-3
	CC9	-0.2988	3.8444	-1.3315	1.09E-2	-3.39E-4	5.75E-3
	CC10	-0.1856	3.5778	-1.1805	1.01E-2	-6.09E-4	5.33E-3
	CC11	-1.2026	4.2976	-1.3810	1.08E-2	1.09E-3	5.70E-3
	CC12	-1.0894	4.0310	-1.2300	9.98E-3	8.24E-4	5.28E-3
	CC13	1.1413	-3.9612	0.8797	-9.48E-3	-1.34E-3	-5.01E-3
	CC14	1.2546	-4.2278	1.0307	-1.03E-2	-1.61E-3	-5.44E-3
	CC15	0.2375	-3.5080	0.8302	-9.56E-3	9.66E-5	-5.06E-3
	CC16	0.3507	-3.7746	0.9812	-1.04E-2	-1.74E-4	-5.48E-3
104	CC1	1.3127	0.9076	-0.5820	3.62E-3	-2.31E-3	1.91E-3
	CC2	1.4121	0.6095	-0.4750	3.19E-3	-2.53E-3	1.69E-3
	CC3	1.8046	-1.8518	0.0911	-1.95E-3	-2.69E-3	-1.03E-3
	CC4	1.9040	-2.1499	0.1981	-2.39E-3	-2.91E-3	-1.26E-3
	CC5	-1.8457	2.2254	-0.5602	2.91E-3	2.85E-3	1.54E-3
	CC6	-1.7463	1.9274	-0.4532	2.48E-3	2.63E-3	1.31E-3
	CC7	-1.3538	-0.5339	0.1129	-2.66E-3	2.47E-3	-1.41E-3
	CC8	-1.2544	-0.8320	0.2198	-3.09E-3	2.25E-3	-1.64E-3
	CC9	-0.3848	4.6427	-1.3792	9.95E-3	-2.26E-5	5.26E-3
	CC10	-0.2489	4.2354	-1.2330	9.36E-3	-3.28E-4	4.95E-3
	CC11	-1.3323	5.0381	-1.3727	9.74E-3	1.53E-3	5.15E-3
	CC12	-1.1965	4.6307	-1.2265	9.15E-3	1.22E-3	4.84E-3
	CC13	1.2548	-4.5552	0.8644	-8.63E-3	-1.28E-3	-4.56E-3
	CC14	1.3907	-4.9625	1.0106	-9.22E-3	-1.59E-3	-4.87E-3
	CC15	0.3073	-4.1598	0.8709	-8.84E-3	2.67E-4	-4.67E-3
	CC16	0.4432	-4.5672	1.0171	-9.43E-3	-3.85E-5	-4.99E-3
105	CC1	1.3513	1.2827	-0.6769	3.46E-3	-2.14E-3	1.83E-3
	CC2	1.4671	0.8745	-0.5751	3.19E-3	-2.39E-3	1.69E-3
	CC3	1.8997	-1.9266	-0.0016	-1.52E-3	-2.65E-3	-8.06E-4
	CC4	2.0154	-2.3348	0.1002	-1.79E-3	-2.90E-3	-9.46E-4
	CC5	-1.9602	2.4161	-0.4559	2.31E-3	3.26E-3	1.22E-3
	CC6	-1.8445	2.0079	-0.3541	2.05E-3	3.01E-3	1.08E-3
	CC7	-1.4118	-0.7932	0.2193	-2.67E-3	2.76E-3	-1.41E-3
	CC8	-1.2961	-1.2014	0.3211	-2.93E-3	2.50E-3	-1.55E-3
	CC9	-0.4687	5.4984	-1.4060	8.92E-3	3.90E-4	4.72E-3
	CC10	-0.3105	4.9405	-1.2669	8.55E-3	4.13E-5	4.52E-3
	CC11	-1.4622	5.8384	-1.3397	8.57E-3	2.01E-3	4.53E-3
	CC12	-1.3040	5.2805	-1.2006	8.21E-3	1.66E-3	4.34E-3
	CC13	1.3592	-5.1992	0.8449	-7.69E-3	-1.30E-3	-4.07E-3
	CC14	1.5174	-5.7572	0.9840	-8.05E-3	-1.65E-3	-4.26E-3
	CC15	0.3657	-4.8592	0.9111	-8.03E-3	3.22E-4	-4.25E-3
	CC16	0.5239	-5.4172	1.0502	-8.39E-3	-2.69E-5	-4.44E-3
106	CC1	1.3890	1.6710	-0.7614	3.24E-3	-1.91E-3	1.71E-3
	CC2	1.5210	1.1459	-0.6668	3.16E-3	-2.21E-3	1.67E-3
	CC3	1.9920	-2.0168	-0.0941	-1.08E-3	-2.62E-3	-5.69E-4
	CC4	2.1239	-2.5418	0.0004	-1.16E-3	-2.91E-3	-6.13E-4

	CC5	-2.0799	2.6287	-0.3344	1.67E-3	3.59E-3	8.82E-4
	CC6	-1.9480	2.1037	-0.2399	1.58E-3	3.30E-3	8.38E-4
	CC7	-1.4770	-1.0590	0.3328	-2.65E-3	2.88E-3	-1.40E-3
	CC8	-1.3450	-1.5841	0.4274	-2.73E-3	2.59E-3	-1.45E-3
	CC9	-0.5528	6.4048	-1.4078	7.74E-3	8.96E-4	4.09E-3
	CC10	-0.3724	5.6872	-1.2785	7.63E-3	4.92E-4	4.03E-3
	CC11	-1.5934	6.6921	-1.2797	7.27E-3	2.55E-3	3.84E-3
	CC12	-1.4131	5.9745	-1.1505	7.16E-3	2.14E-3	3.79E-3
	CC13	1.4571	-5.8876	0.8165	-6.65E-3	-1.46E-3	-3.52E-3
	CC14	1.6374	-6.6052	0.9457	-6.76E-3	-1.87E-3	-3.58E-3
	CC15	0.4164	-5.6003	0.9445	-7.12E-3	1.86E-4	-3.77E-3
	CC16	0.5968	-6.3179	1.0737	-7.23E-3	-2.18E-4	-3.83E-3
107	CC1	1.4245	2.0705	-0.8335	2.95E-3	-1.65E-3	1.56E-3
	CC2	1.5729	1.4225	-0.7487	3.07E-3	-2.00E-3	1.62E-3
	CC3	2.0821	-2.1211	-0.1879	-5.88E-4	-2.65E-3	-3.11E-4
	CC4	2.2306	-2.7690	-0.1031	-4.64E-4	-3.00E-3	-2.46E-4
	CC5	-2.2026	2.8615	-0.1999	9.42E-4	3.80E-3	4.98E-4
	CC6	-2.0542	2.2136	-0.1152	1.07E-3	3.45E-3	5.64E-4
	CC7	-1.5450	-1.3301	0.4456	-2.59E-3	2.80E-3	-1.37E-3
	CC8	-1.3965	-1.9780	0.5304	-2.47E-3	2.45E-3	-1.31E-3
	CC9	-0.6394	7.3564	-1.3804	6.35E-3	1.49E-3	3.36E-3
	CC10	-0.4366	6.4708	-1.2645	6.51E-3	1.01E-3	3.45E-3
	CC11	-1.7276	7.5937	-1.1903	5.74E-3	3.12E-3	3.04E-3
	CC12	-1.5247	6.7081	-1.0745	5.91E-3	2.65E-3	3.13E-3
	CC13	1.5527	-6.6156	0.7714	-5.44E-3	-1.84E-3	-2.87E-3
	CC14	1.7555	-7.5012	0.8873	-5.27E-3	-2.32E-3	-2.79E-3
	CC15	0.4646	-6.3783	0.9615	-6.04E-3	-2.09E-4	-3.19E-3
	CC16	0.6674	-7.2639	1.0773	-5.87E-3	-6.86E-4	-3.10E-3
108	CC1	1.4576	2.4808	-0.8903	2.33E-3	-1.33E-3	1.23E-3
	CC2	1.6230	1.7039	-0.8193	2.74E-3	-1.78E-3	1.45E-3
	CC3	2.1724	-2.2385	-0.2888	-1.65E-5	-2.87E-3	-8.72E-6
	CC4	2.3378	-3.0153	-0.2178	3.88E-4	-3.32E-3	2.05E-4
	CC5	-2.3254	3.1133	-0.0551	5.03E-5	3.95E-3	2.66E-5
	CC6	-2.1600	2.3365	0.0159	4.55E-4	3.50E-3	2.40E-4
	CC7	-1.6106	-1.6059	0.5465	-2.30E-3	2.41E-3	-1.22E-3
	CC8	-1.4452	-2.3828	0.6174	-1.90E-3	1.96E-3	-1.00E-3
	CC9	-0.7307	8.3504	-1.3127	4.20E-3	2.39E-3	2.22E-3
	CC10	-0.5046	7.2887	-1.2157	4.76E-3	1.78E-3	2.52E-3
	CC11	-1.8656	8.5402	-1.0622	3.52E-3	3.98E-3	1.86E-3
	CC12	-1.6395	7.4784	-0.9652	4.07E-3	3.37E-3	2.15E-3
	CC13	1.6519	-7.3804	0.6923	-3.63E-3	-2.74E-3	-1.92E-3
	CC14	1.8780	-8.4421	0.7893	-3.08E-3	-3.35E-3	-1.63E-3
	CC15	0.5171	-7.1906	0.9429	-4.32E-3	-1.15E-3	-2.28E-3
	CC16	0.7431	-8.2524	1.0399	-3.76E-3	-1.77E-3	-1.99E-3
109	CC1	1.4881	2.9002	-0.9149	1.38E-3	-4.88E-4	7.27E-4
	CC2	1.6707	1.9895	-0.8648	2.11E-3	-1.08E-3	1.12E-3
	CC3	2.2624	-2.3653	-0.3998	4.94E-4	-2.97E-3	2.61E-4
	CC4	2.4451	-3.2760	-0.3497	1.23E-3	-3.55E-3	6.50E-4
	CC5	-2.4405	3.3797	0.0934	-8.53E-4	3.68E-3	-4.51E-4
	CC6	-2.2579	2.4690	0.1435	-1.17E-4	3.09E-3	-6.20E-5
	CC7	-1.6661	-1.8859	0.6085	-1.73E-3	1.20E-3	-9.18E-4
	CC8	-1.4835	-2.7965	0.6586	-9.99E-4	6.16E-4	-5.28E-4
	CC9	-0.8238	9.3781	-1.1721	1.49E-3	3.97E-3	7.88E-4
	CC10	-0.5742	8.1334	-1.1037	2.50E-3	3.17E-3	1.32E-3
	CC11	-2.0024	9.5219	-0.8696	8.21E-4	5.22E-3	4.34E-4
	CC12	-1.7528	8.2773	-0.8012	1.83E-3	4.42E-3	9.66E-4
	CC13	1.7574	-8.1736	0.5449	-1.45E-3	-4.29E-3	-7.67E-4
	CC14	2.0070	-9.4183	0.6133	-4.44E-4	-5.09E-3	-2.35E-4
	CC15	0.5788	-8.0298	0.8474	-2.12E-3	-3.04E-3	-1.12E-3
	CC16	0.8284	-9.2745	0.9158	-1.11E-3	-3.84E-3	-5.89E-4
110	CC1	1.8018	3.3038	-0.7766	4.61E-3	-1.35E-3	-6.72E-3
	CC2	1.8785	2.2591	-0.7604	4.28E-3	-1.62E-3	-3.79E-3
	CC3	2.2298	-2.4992	-0.5455	-3.02E-4	-2.67E-3	2.86E-3
	CC4	2.3064	-3.5439	-0.5294	-6.32E-4	-2.94E-3	5.79E-3
	CC5	-2.2981	3.6518	0.2726	1.28E-3	2.01E-3	-5.56E-3
	CC6	-2.2214	2.6071	0.2888	9.49E-4	1.74E-3	-2.63E-3
	CC7	-1.8702	-2.1512	0.5037	-3.63E-3	6.96E-4	4.02E-3
	CC8	-1.7935	-3.1959	0.5198	-3.97E-3	4.18E-4	6.95E-3
	CC9	-0.1464	10.3873	-0.6819	9.24E-3	1.42E-3	-1.80E-2
	CC10	-0.0416	8.9595	-0.6598	8.79E-3	1.04E-3	-1.40E-2
	CC11	-1.3764	10.4917	-0.3671	8.24E-3	2.43E-3	-1.77E-2
	CC12	-1.2716	9.0639	-0.3451	7.79E-3	2.05E-3	-1.37E-2
	CC13	1.2799	-8.9560	0.0883	-7.14E-3	-2.98E-3	1.39E-2

	CC14	1.3847	-10.3838	0.1104	-7.59E-3	-3.36E-3	1.79E-2
	CC15	0.0500	-8.8516	0.4031	-8.14E-3	-1.97E-3	1.42E-2
	CC16	0.1547	-10.2794	0.4251	-8.59E-3	-2.35E-3	1.83E-2
111	CC1	2.0700	3.3039	-0.5538	6.37E-3	-2.33E-3	-6.70E-3
	CC2	2.0295	2.2592	-0.5508	6.00E-3	-2.45E-3	-3.77E-3
	CC3	2.1149	-2.4990	-0.5313	8.02E-4	-2.67E-3	2.88E-3
	CC4	2.0744	-3.5437	-0.5283	4.34E-4	-2.79E-3	5.81E-3
	CC5	-2.0764	3.6520	0.3022	4.29E-4	2.00E-3	-5.54E-3
	CC6	-2.1169	2.6073	0.3052	6.19E-5	1.89E-3	-2.61E-3
	CC7	-2.0315	-2.1510	0.3247	-5.14E-3	1.66E-3	4.04E-3
	CC8	-2.0720	-3.1957	0.3277	-5.51E-3	1.55E-3	6.97E-3
	CC9	0.5739	10.3875	-0.2811	1.09E-2	-3.94E-4	-1.80E-2
	CC10	0.5185	8.9596	-0.2770	1.04E-2	-5.58E-4	-1.40E-2
	CC11	-0.6701	10.4919	-0.0243	9.07E-3	9.06E-4	-1.77E-2
	CC12	-0.7255	9.0640	-0.0202	8.57E-3	7.43E-4	-1.36E-2
	CC13	0.7235	-8.9558	-0.2059	-7.71E-3	-1.53E-3	1.39E-2
	CC14	0.6681	-10.3836	-0.2018	-8.21E-3	-1.69E-3	1.79E-2
	CC15	-0.5204	-8.8514	0.0509	-9.49E-3	-2.27E-4	1.43E-2
	CC16	-0.5759	-10.2792	0.0550	-9.99E-3	-3.91E-4	1.83E-2
112	CC1	2.4747	2.8865	0.1454	4.06E-3	-2.22E-3	2.15E-3
	CC2	2.2300	1.9812	0.0479	3.92E-3	-2.13E-3	2.07E-3
	CC3	1.8703	-2.3520	-0.5826	-1.03E-3	-1.82E-3	-5.47E-4
	CC4	1.6256	-3.2573	-0.6801	-1.18E-3	-1.73E-3	-6.23E-4
	CC5	-1.6506	3.3605	0.5169	1.84E-3	2.00E-3	9.74E-4
	CC6	-1.8953	2.4552	0.4194	1.70E-3	2.09E-3	8.97E-4
	CC7	-2.2551	-1.8780	-0.2110	-3.26E-3	2.39E-3	-1.72E-3
	CC8	-2.4997	-2.7833	-0.3085	-3.40E-3	2.48E-3	-1.80E-3
	CC9	1.7809	9.3299	1.1426	9.26E-3	-1.22E-3	4.90E-3
	CC10	1.4465	8.0926	1.0093	9.06E-3	-1.10E-3	4.79E-3
	CC11	0.5433	9.4721	1.2540	8.59E-3	4.38E-5	4.54E-3
	CC12	0.2089	8.2348	1.1207	8.39E-3	1.67E-4	4.44E-3
	CC13	-0.2339	-8.1316	-1.2839	-7.73E-3	9.74E-5	-4.09E-3
	CC14	-0.5683	-9.3689	-1.4172	-7.93E-3	2.20E-4	-4.19E-3
	CC15	-1.4715	-7.9894	-1.1724	-8.40E-3	1.36E-3	-4.44E-3
	CC16	-1.8059	-9.2267	-1.3057	-8.60E-3	1.48E-3	-4.55E-3
113	CC1	2.4085	2.4790	0.2108	3.60E-3	-1.86E-3	1.90E-3
	CC2	2.1739	1.7048	0.1138	3.65E-3	-1.73E-3	1.93E-3
	CC3	1.8428	-2.2281	-0.5151	-5.14E-4	-1.33E-3	-2.72E-4
	CC4	1.6081	-3.0023	-0.6121	-4.65E-4	-1.20E-3	-2.46E-4
	CC5	-1.6221	3.1002	0.4276	1.06E-3	1.92E-3	5.61E-4
	CC6	-1.8568	2.3259	0.3307	1.11E-3	2.05E-3	5.87E-4
	CC7	-2.1878	-1.6069	-0.2983	-3.05E-3	2.45E-3	-1.61E-3
	CC8	-2.4225	-2.3812	-0.3952	-3.00E-3	2.58E-3	-1.59E-3
	CC9	1.7009	8.3300	1.1513	7.50E-3	-1.18E-3	3.96E-3
	CC10	1.3801	7.2718	1.0188	7.56E-3	-1.01E-3	4.00E-3
	CC11	0.4917	8.5164	1.2164	6.73E-3	-4.55E-5	3.56E-3
	CC12	0.1710	7.4582	1.0839	6.80E-3	1.28E-4	3.60E-3
	CC13	-0.1849	-7.3603	-1.2683	-6.21E-3	5.92E-4	-3.28E-3
	CC14	-0.5057	-8.4185	-1.4008	-6.14E-3	7.66E-4	-3.25E-3
	CC15	-1.3941	-7.1740	-1.2033	-6.97E-3	1.73E-3	-3.69E-3
	CC16	-1.7148	-8.2322	-1.3358	-6.90E-3	1.90E-3	-3.65E-3
114	CC1	2.3423	2.0759	0.2819	3.42E-3	-2.22E-3	1.81E-3
	CC2	2.1189	1.4286	0.1806	3.40E-3	-1.99E-3	1.80E-3
	CC3	1.8221	-2.1134	-0.4643	-8.19E-4	-1.14E-3	-4.33E-4
	CC4	1.5986	-2.7606	-0.5656	-8.39E-4	-8.99E-4	-4.44E-4
	CC5	-1.5951	2.8531	0.3478	1.35E-3	1.76E-3	7.16E-4
	CC6	-1.8185	2.2059	0.2466	1.33E-3	1.99E-3	7.05E-4
	CC7	-2.1153	-1.3361	-0.3984	-2.88E-3	2.85E-3	-1.52E-3
	CC8	-2.3388	-1.9834	-0.4996	-2.90E-3	3.08E-3	-1.53E-3
	CC9	1.6122	7.3541	1.1941	7.64E-3	-2.14E-3	4.04E-3
	CC10	1.3068	6.4694	1.0557	7.61E-3	-1.82E-3	4.02E-3
	CC11	0.4309	7.5872	1.2139	7.02E-3	-9.49E-4	3.71E-3
	CC12	0.1256	6.7026	1.0755	6.99E-3	-6.27E-4	3.70E-3
	CC13	-0.1220	-6.6101	-1.2932	-6.48E-3	1.49E-3	-3.43E-3
	CC14	-0.4274	-7.4948	-1.4316	-6.50E-3	1.81E-3	-3.44E-3
	CC15	-1.3032	-6.3769	-1.2734	-7.10E-3	2.68E-3	-3.75E-3
	CC16	-1.6086	-7.2616	-1.4119	-7.12E-3	3.00E-3	-3.77E-3
115	CC1	2.2668	1.6780	0.3639	3.42E-3	-2.43E-3	1.81E-3
	CC2	2.0570	1.1532	0.2554	3.28E-3	-2.16E-3	1.73E-3
	CC3	1.8058	-2.0098	-0.4171	-1.19E-3	-1.12E-3	-6.29E-4
	CC4	1.5961	-2.5346	-0.5256	-1.33E-3	-8.38E-4	-7.04E-4
	CC5	-1.5749	2.6216	0.2746	1.78E-3	1.57E-3	9.42E-4
	CC6	-1.7847	2.0968	0.1661	1.64E-3	1.85E-3	8.67E-4

	CC7	-2.0358	-1.0663	-0.5064	-2.83E-3	2.89E-3	-1.49E-3
	CC8	-2.2456	-1.5911	-0.6149	-2.97E-3	3.17E-3	-1.57E-3
	CC9	1.4984	6.4070	1.2637	8.25E-3	-2.62E-3	4.36E-3
	CC10	1.2117	5.6897	1.1155	8.05E-3	-2.24E-3	4.26E-3
	CC11	0.3459	6.6901	1.2369	7.75E-3	-1.42E-3	4.10E-3
	CC12	0.0592	5.9728	1.0887	7.56E-3	-1.04E-3	4.00E-3
	CC13	-0.0380	-5.8858	-1.3397	-7.11E-3	1.78E-3	-3.76E-3
	CC14	-0.3247	-6.6031	-1.4879	-7.30E-3	2.15E-3	-3.86E-3
	CC15	-1.1906	-5.6028	-1.3665	-7.60E-3	2.98E-3	-4.02E-3
	CC16	-1.4772	-6.3201	-1.5147	-7.80E-3	3.35E-3	-4.12E-3
116	CC1	2.1820	1.2898	0.4534	3.51E-3	-2.66E-3	1.86E-3
	CC2	1.9879	0.8818	0.3364	3.22E-3	-2.35E-3	1.70E-3
	CC3	1.7920	-1.9197	-0.3688	-1.60E-3	-1.14E-3	-8.48E-4
	CC4	1.5979	-2.3277	-0.4857	-1.89E-3	-8.22E-4	-1.00E-3
	CC5	-1.5641	2.4091	0.2108	2.30E-3	1.24E-3	1.21E-3
	CC6	-1.7581	2.0010	0.0938	2.01E-3	1.56E-3	1.06E-3
	CC7	-1.9541	-0.8004	-0.6114	-2.82E-3	2.76E-3	-1.49E-3
	CC8	-2.1481	-1.2085	-0.7283	-3.11E-3	3.08E-3	-1.64E-3
	CC9	1.3614	5.5008	1.3491	9.11E-3	-3.14E-3	4.82E-3
	CC10	1.0962	4.9431	1.1893	8.71E-3	-2.70E-3	4.61E-3
	CC11	0.2376	5.8365	1.2763	8.74E-3	-1.97E-3	4.62E-3
	CC12	-0.0276	5.2788	1.1165	8.35E-3	-1.53E-3	4.41E-3
	CC13	0.0615	-5.1975	-1.3915	-7.94E-3	1.95E-3	-4.20E-3
	CC14	-0.2037	-5.7552	-1.5513	-8.34E-3	2.38E-3	-4.41E-3
	CC15	-1.0623	-4.8617	-1.4642	-8.31E-3	3.12E-3	-4.39E-3
	CC16	-1.3275	-5.4194	-1.6241	-8.70E-3	3.55E-3	-4.60E-3
117	CC1	2.0886	0.9145	0.5493	3.65E-3	-2.84E-3	1.93E-3
	CC2	1.9122	0.6167	0.4228	3.20E-3	-2.49E-3	1.69E-3
	CC3	1.7798	-1.8447	-0.3178	-2.04E-3	-1.18E-3	-1.08E-3
	CC4	1.6033	-2.1426	-0.4443	-2.49E-3	-8.34E-4	-1.32E-3
	CC5	-1.5649	2.2182	0.1607	2.86E-3	8.25E-4	1.51E-3
	CC6	-1.7413	1.9203	0.0343	2.41E-3	1.18E-3	1.28E-3
	CC7	-1.8737	-0.5411	-0.7064	-2.83E-3	2.48E-3	-1.49E-3
	CC8	-2.0502	-0.8389	-0.8328	-3.28E-3	2.83E-3	-1.73E-3
	CC9	1.2026	4.6445	1.4481	1.01E-2	-3.55E-3	5.34E-3
	CC10	0.9614	4.2375	1.2753	9.48E-3	-3.07E-3	5.01E-3
	CC11	0.1066	5.0356	1.3315	9.85E-3	-2.45E-3	5.21E-3
	CC12	-0.1346	4.6286	1.1587	9.24E-3	-1.97E-3	4.89E-3
	CC13	0.1730	-4.5530	-1.4423	-8.86E-3	1.96E-3	-4.69E-3
	CC14	-0.0681	-4.9600	-1.6151	-9.48E-3	2.44E-3	-5.01E-3
	CC15	-0.9230	-4.1619	-1.5588	-9.10E-3	3.06E-3	-4.81E-3
	CC16	-1.1642	-4.5689	-1.7317	-9.72E-3	3.54E-3	-5.14E-3
118	CC1	1.9886	0.5548	0.6485	3.82E-3	-2.92E-3	2.02E-3
	CC2	1.8313	0.3600	0.5119	3.20E-3	-2.54E-3	1.69E-3
	CC3	1.7694	-1.7867	-0.2646	-2.49E-3	-1.19E-3	-1.32E-3
	CC4	1.6122	-1.9815	-0.4012	-3.11E-3	-8.19E-4	-1.65E-3
	CC5	-1.5788	2.0513	0.1271	3.48E-3	3.59E-4	1.84E-3
	CC6	-1.7360	1.8565	-0.0095	2.85E-3	7.33E-4	1.51E-3
	CC7	-1.7979	-0.2902	-0.7860	-2.84E-3	2.08E-3	-1.50E-3
	CC8	-1.9552	-0.4850	-0.9226	-3.46E-3	2.46E-3	-1.83E-3
	CC9	1.0245	3.8461	1.5563	1.12E-2	-3.85E-3	5.91E-3
	CC10	0.8096	3.5798	1.3696	1.03E-2	-3.34E-3	5.46E-3
	CC11	-0.0457	4.2950	1.3999	1.11E-2	-2.87E-3	5.86E-3
	CC12	-0.2606	4.0288	1.2132	1.02E-2	-2.35E-3	5.41E-3
	CC13	0.2940	-3.9589	-1.4873	-9.86E-3	1.89E-3	-5.22E-3
	CC14	0.0791	-4.2252	-1.6740	-1.07E-2	2.41E-3	-5.66E-3
	CC15	-0.7762	-3.5100	-1.6437	-9.96E-3	2.88E-3	-5.27E-3
	CC16	-0.9911	-3.7762	-1.8304	-1.08E-2	3.39E-3	-5.72E-3
119	CC1	1.8839	0.2136	0.7471	4.02E-3	-2.90E-3	2.13E-3
	CC2	1.7475	0.1137	0.5998	3.22E-3	-2.50E-3	1.70E-3
	CC3	1.7624	-1.7475	-0.2114	-2.99E-3	-1.12E-3	-1.58E-3
	CC4	1.6260	-1.8473	-0.3587	-3.80E-3	-7.20E-4	-2.01E-3
	CC5	-1.6068	1.9113	0.1117	4.17E-3	-1.32E-4	2.20E-3
	CC6	-1.7433	1.8115	-0.0356	3.36E-3	2.68E-4	1.78E-3
	CC7	-1.7284	-0.0497	-0.8468	-2.85E-3	1.65E-3	-1.51E-3
	CC8	-1.8648	-0.1495	-0.9941	-3.66E-3	2.05E-3	-1.93E-3
	CC9	0.8289	3.1140	1.6701	1.24E-2	-4.08E-3	6.56E-3
	CC10	0.6425	2.9775	1.4688	1.13E-2	-3.53E-3	5.98E-3
	CC11	-0.2183	3.6233	1.4795	1.25E-2	-3.25E-3	6.59E-3
	CC12	-0.4047	3.4869	1.2782	1.13E-2	-2.70E-3	6.00E-3
	CC13	0.4239	-3.4228	-1.5252	-1.10E-2	1.85E-3	-5.81E-3
	CC14	0.2374	-3.5593	-1.7265	-1.21E-2	2.40E-3	-6.39E-3
	CC15	-0.6234	-2.9135	-1.7158	-1.09E-2	2.68E-3	-5.78E-3

	CC16	-0.8098	-3.0499	-1.9171	-1.20E-2	3.23E-3	-6.37E-3
120	CC1	1.7784	-0.1065	0.8388	4.24E-3	-2.63E-3	2.24E-3
	CC2	1.6642	-0.1203	0.6802	3.22E-3	-2.22E-3	1.70E-3
	CC3	1.7606	-1.7297	-0.1640	-3.60E-3	-8.92E-4	-1.90E-3
	CC4	1.6463	-1.7434	-0.3226	-4.62E-3	-4.82E-4	-2.44E-3
	CC5	-1.6487	1.8017	0.1163	5.01E-3	-6.36E-4	2.65E-3
	CC6	-1.7630	1.7880	-0.0423	3.99E-3	-2.26E-4	2.11E-3
	CC7	-1.6665	0.1786	-0.8866	-2.83E-3	1.10E-3	-1.50E-3
	CC8	-1.7808	0.1648	-1.0451	-3.85E-3	1.51E-3	-2.04E-3
	CC9	0.6207	2.4576	1.7850	1.38E-2	-4.03E-3	7.32E-3
	CC10	0.4645	2.4388	1.5683	1.24E-2	-3.47E-3	6.58E-3
	CC11	-0.4075	3.0300	1.5682	1.41E-2	-3.44E-3	7.44E-3
	CC12	-0.5636	3.0112	1.3515	1.27E-2	-2.88E-3	6.71E-3
	CC13	0.5613	-2.9530	-1.5578	-1.23E-2	1.76E-3	-6.50E-3
	CC14	0.4051	-2.9718	-1.7745	-1.37E-2	2.32E-3	-7.23E-3
	CC15	-0.4669	-2.3805	-1.7746	-1.21E-2	2.36E-3	-6.38E-3
	CC16	-0.6231	-2.3993	-1.9913	-1.34E-2	2.92E-3	-7.11E-3
121	CC1	1.6784	-0.4024	0.9150	4.33E-3	-2.28E-3	2.29E-3
	CC2	1.5864	-0.3397	0.7450	3.13E-3	-1.86E-3	1.66E-3
	CC3	1.7634	-1.7344	-0.1285	-4.22E-3	-6.29E-4	-2.23E-3
	CC4	1.6714	-1.6717	-0.2985	-5.42E-3	-2.10E-4	-2.87E-3
	CC5	-1.6978	1.7241	0.1379	5.79E-3	-8.63E-4	3.06E-3
	CC6	-1.7897	1.7869	-0.0321	4.59E-3	-4.44E-4	2.43E-3
	CC7	-1.6128	0.3921	-0.9056	-2.76E-3	7.83E-4	-1.46E-3
	CC8	-1.7047	0.4549	-1.0756	-3.95E-3	1.20E-3	-2.09E-3
	CC9	0.4144	1.8844	1.8916	1.50E-2	-3.78E-3	7.95E-3
	CC10	0.2887	1.9702	1.6592	1.34E-2	-3.21E-3	7.09E-3
	CC11	-0.5985	2.5223	1.6585	1.55E-2	-3.35E-3	8.18E-3
	CC12	-0.7242	2.6081	1.4261	1.38E-2	-2.78E-3	7.32E-3
	CC13	0.6978	-2.5557	-1.5867	-1.35E-2	1.71E-3	-7.12E-3
	CC14	0.5721	-2.4699	-1.8191	-1.51E-2	2.28E-3	-7.99E-3
	CC15	-0.3151	-1.9177	-1.8198	-1.30E-2	2.13E-3	-6.89E-3
	CC16	-0.4407	-1.8319	-2.0522	-1.47E-2	2.70E-3	-7.75E-3
122	CC1	1.1978	3.3037	-0.7236	-5.68E-3	-1.32E-3	-6.70E-3
	CC2	1.5382	2.2590	-0.6957	-5.64E-3	-1.62E-3	-3.77E-3
	CC3	2.4875	-2.4992	-0.3022	-5.03E-3	-3.04E-3	2.88E-3
	CC4	2.8279	-3.5439	-0.2744	-4.99E-3	-3.33E-3	5.81E-3
	CC5	-2.7977	3.6518	0.0052	4.68E-3	1.45E-3	-5.54E-3
	CC6	-2.4572	2.6071	0.0330	4.72E-3	1.15E-3	-2.61E-3
	CC7	-1.5079	-2.1512	0.4265	5.33E-3	-2.65E-4	4.04E-3
	CC8	-1.1675	-3.1959	0.4544	5.37E-3	-5.62E-4	6.97E-3
	CC9	-1.7677	10.3872	-0.9652	-2.82E-3	1.70E-3	-1.80E-2
	CC10	-1.3025	8.9594	-0.9271	-2.77E-3	1.30E-3	-1.40E-2
	CC11	-2.9663	10.4917	-0.7465	2.87E-4	2.53E-3	-1.77E-2
	CC12	-2.5011	9.0638	-0.7085	3.41E-4	2.13E-3	-1.36E-2
	CC13	2.5313	-8.9560	0.4393	-6.52E-4	-4.01E-3	1.39E-2
	CC14	2.9966	-10.3838	0.4773	-5.98E-4	-4.42E-3	1.79E-2
	CC15	1.3327	-8.8516	0.6579	2.45E-3	-3.18E-3	1.43E-2
	CC16	1.7980	-10.2794	0.6960	2.51E-3	-3.59E-3	1.83E-2
123	CC1	0.3372	3.3037	-0.3481	-2.72E-4	-2.24E-3	-6.71E-3
	CC2	1.0537	2.2590	-0.2324	-1.30E-3	-2.92E-3	-3.78E-3
	CC3	2.8558	-2.4992	0.3968	-4.81E-3	-4.87E-3	2.87E-3
	CC4	3.5723	-3.5439	0.5125	-5.84E-3	-5.55E-3	5.80E-3
	CC5	-3.5092	3.6518	-0.7571	6.09E-3	2.95E-3	-5.55E-3
	CC6	-2.7927	2.6071	-0.6414	5.06E-3	2.27E-3	-2.62E-3
	CC7	-0.9906	-2.1512	-0.0122	1.55E-3	3.22E-4	4.03E-3
	CC8	-0.2741	-3.1959	0.1035	5.24E-4	-3.60E-4	6.96E-3
	CC9	-4.0787	10.3872	-1.3815	7.43E-3	2.76E-3	-1.80E-2
	CC10	-3.0995	8.9594	-1.2234	6.03E-3	1.83E-3	-1.40E-2
	CC11	-5.2327	10.4916	-1.5042	9.34E-3	4.32E-3	-1.77E-2
	CC12	-4.2534	9.0638	-1.3461	7.93E-3	3.39E-3	-1.37E-2
	CC13	4.3165	-8.9560	1.1015	-7.68E-3	-5.99E-3	1.39E-2
	CC14	5.2958	-10.3838	1.2596	-9.09E-3	-6.92E-3	1.79E-2
	CC15	3.1626	-8.8516	0.9788	-5.77E-3	-4.44E-3	1.43E-2
	CC16	4.1418	-10.2794	1.1369	-7.18E-3	-5.37E-3	1.83E-2
124	CC1	-0.1435	3.6139	-0.4137	-7.07E-4	-2.34E-3	-6.83E-3
	CC2	0.7830	2.4337	-0.2632	-1.59E-3	-3.04E-3	-3.90E-3
	CC3	3.0614	-2.6319	0.5031	-4.59E-3	-4.98E-3	2.74E-3
	CC4	3.9879	-3.8121	0.6536	-5.47E-3	-5.68E-3	5.67E-3
	CC5	-3.9066	3.9082	-1.0532	5.89E-3	2.78E-3	-5.67E-3
	CC6	-2.9801	2.7280	-0.9027	5.00E-3	2.08E-3	-2.74E-3
	CC7	-0.7018	-2.3376	-0.1364	2.00E-3	1.38E-4	3.90E-3
	CC8	0.2247	-3.5178	0.0141	1.12E-3	-5.60E-4	6.83E-3

	CC9	-5.3694	11.2202	-1.7347	6.29E-3	2.66E-3	-1.81E-2
	CC10	-4.1031	9.6071	-1.5290	5.09E-3	1.70E-3	-1.41E-2
	CC11	-6.4984	11.3085	-1.9266	8.27E-3	4.19E-3	-1.78E-2
	CC12	-5.2321	9.6954	-1.7209	7.07E-3	3.24E-3	-1.38E-2
	CC13	5.3133	-9.5993	1.3213	-6.65E-3	-6.14E-3	1.38E-2
	CC14	6.5796	-11.2124	1.5270	-7.86E-3	-7.09E-3	1.78E-2
	CC15	4.1844	-9.5110	1.1295	-4.67E-3	-4.60E-3	1.41E-2
	CC16	5.4507	-11.1241	1.3352	-5.88E-3	-5.56E-3	1.81E-2
125	CC1	-0.1435	3.9241	-0.5307	-9.71E-4	-2.81E-3	-6.83E-3
	CC2	0.7830	2.6084	-0.4106	-1.78E-3	-3.40E-3	-3.90E-3
	CC3	3.0614	-2.7646	0.2735	-4.54E-3	-4.93E-3	2.74E-3
	CC4	3.9879	-4.0804	0.3936	-5.35E-3	-5.52E-3	5.67E-3
	CC5	-3.9066	4.1647	-0.9305	5.77E-3	2.49E-3	-5.67E-3
	CC6	-2.9801	2.8490	-0.8103	4.96E-3	1.90E-3	-2.74E-3
	CC7	-0.7018	-2.5240	-0.1263	2.20E-3	3.70E-4	3.90E-3
	CC8	0.2247	-3.8398	-0.0061	1.39E-3	-2.21E-4	6.83E-3
	CC9	-5.3694	12.0531	-1.6309	5.70E-3	1.63E-3	-1.81E-2
	CC10	-4.1031	10.2548	-1.4667	4.58E-3	8.22E-4	-1.41E-2
	CC11	-6.4983	12.1253	-1.7508	7.72E-3	3.22E-3	-1.78E-2
	CC12	-5.2321	10.3270	-1.5866	6.61E-3	2.41E-3	-1.38E-2
	CC13	5.3133	-10.2426	1.0498	-6.19E-3	-5.44E-3	1.38E-2
	CC14	6.5796	-12.0409	1.2140	-7.30E-3	-6.25E-3	1.78E-2
	CC15	4.1844	-10.1704	0.9299	-4.16E-3	-3.85E-3	1.41E-2
	CC16	5.4507	-11.9687	1.0940	-5.28E-3	-4.66E-3	1.81E-2
126	CC1	-0.1434	4.2343	-0.6665	-1.28E-3	-3.11E-3	-6.83E-3
	CC2	0.7830	2.7830	-0.5719	-2.00E-3	-3.61E-3	-3.90E-3
	CC3	3.0614	-2.8973	0.0478	-4.45E-3	-4.81E-3	2.74E-3
	CC4	3.9879	-4.3486	0.1424	-5.17E-3	-5.30E-3	5.67E-3
	CC5	-3.9066	4.4212	-0.8201	5.61E-3	2.25E-3	-5.67E-3
	CC6	-2.9801	2.9699	-0.7255	4.88E-3	1.76E-3	-2.74E-3
	CC7	-0.7018	-2.7104	-0.1057	2.44E-3	5.58E-4	3.90E-3
	CC8	0.2247	-4.1617	-0.0112	1.71E-3	6.19E-5	6.83E-3
	CC9	-5.3694	12.8860	-1.5710	4.97E-3	8.36E-4	-1.81E-2
	CC10	-4.1031	10.9025	-1.4417	3.97E-3	1.58E-4	-1.41E-2
	CC11	-6.4983	12.9421	-1.6170	7.03E-3	2.44E-3	-1.78E-2
	CC12	-5.2321	10.9586	-1.4878	6.04E-3	1.77E-3	-1.38E-2
	CC13	5.3134	-10.8859	0.8101	-5.60E-3	-4.82E-3	1.38E-2
	CC14	6.5796	-12.8695	0.9394	-6.59E-3	-5.49E-3	1.78E-2
	CC15	4.1844	-10.8299	0.7640	-3.54E-3	-3.21E-3	1.41E-2
	CC16	5.4507	-12.8134	0.8933	-4.53E-3	-3.88E-3	1.81E-2
127	CC1	0.1584	4.5445	-0.8759	-1.47E-3	-3.23E-3	-6.83E-3
	CC2	0.9530	2.9577	-0.8335	-2.11E-3	-3.66E-3	-3.90E-3
	CC3	2.9323	-3.0300	-0.3689	-4.32E-3	-4.68E-3	2.74E-3
	CC4	3.7269	-4.6168	-0.3265	-4.97E-3	-5.11E-3	5.67E-3
	CC5	-3.6570	4.6777	-0.4710	5.44E-3	2.10E-3	-5.67E-3
	CC6	-2.8624	3.0908	-0.4286	4.79E-3	1.67E-3	-2.74E-3
	CC7	-0.8831	-2.8968	0.0360	2.59E-3	6.52E-4	3.90E-3
	CC8	-0.0885	-4.4836	0.0784	1.94E-3	2.19E-4	6.83E-3
	CC9	-4.5590	13.7189	-1.3334	4.40E-3	4.04E-4	-1.81E-2
	CC10	-3.4730	11.5502	-1.2756	3.51E-3	-1.89E-4	-1.41E-2
	CC11	-5.7036	13.7589	-1.2120	6.47E-3	2.00E-3	-1.78E-2
	CC12	-4.6176	11.5901	-1.1541	5.58E-3	1.41E-3	-1.38E-2
	CC13	4.6874	-11.5292	0.3566	-5.11E-3	-4.42E-3	1.38E-2
	CC14	5.7735	-13.6980	0.4144	-6.00E-3	-5.02E-3	1.78E-2
	CC15	3.5428	-11.4893	0.4781	-3.04E-3	-2.82E-3	1.41E-2
	CC16	4.6288	-13.6581	0.5359	-3.92E-3	-3.42E-3	1.81E-2
128	CC1	0.4602	4.5445	-0.9465	-1.67E-3	-3.25E-3	-6.83E-3
	CC2	1.1229	2.9577	-0.9306	-2.20E-3	-3.63E-3	-3.90E-3
	CC3	2.8032	-3.0300	-0.5577	-4.10E-3	-4.53E-3	2.74E-3
	CC4	3.4659	-4.6168	-0.5418	-4.64E-3	-4.92E-3	5.67E-3
	CC5	-3.4075	4.6777	-0.2333	5.15E-3	1.96E-3	-5.67E-3
	CC6	-2.7448	3.0908	-0.2174	4.61E-3	1.58E-3	-2.74E-3
	CC7	-1.0645	-2.8968	0.1555	2.71E-3	6.81E-4	3.90E-3
	CC8	-0.4017	-4.4836	0.1714	2.18E-3	2.96E-4	6.83E-3
	CC9	-3.7486	13.7189	-1.1534	3.66E-3	1.46E-4	-1.81E-2
	CC10	-2.8428	11.5502	-1.1316	2.93E-3	-3.80E-4	-1.41E-2
	CC11	-4.9089	13.7589	-0.9394	5.71E-3	1.71E-3	-1.78E-2
	CC12	-4.0031	11.5901	-0.9177	4.97E-3	1.18E-3	-1.38E-2
	CC13	4.0615	-11.5292	0.1426	-4.46E-3	-4.13E-3	1.38E-2
	CC14	4.9673	-13.6980	0.1643	-5.20E-3	-4.66E-3	1.78E-2
	CC15	2.9012	-11.4893	0.3566	-2.42E-3	-2.57E-3	1.41E-2
	CC16	3.8070	-13.6581	0.3783	-3.15E-3	-3.10E-3	1.81E-2
129	CC1	0.7620	4.5445	-1.0227	-1.72E-3	-3.15E-3	-6.83E-3

	CC2	1.2928	2.9577	-1.0274	-2.11E-3	-3.49E-3	-3.90E-3
	CC3	2.6741	-3.0300	-0.7327	-3.72E-3	-4.32E-3	2.74E-3
	CC4	3.2050	-4.6168	-0.7375	-4.11E-3	-4.66E-3	5.67E-3
	CC5	-3.1580	4.6777	-0.0128	4.68E-3	1.80E-3	-5.67E-3
	CC6	-2.6271	3.0909	-0.0175	4.29E-3	1.46E-3	-2.74E-3
	CC7	-1.2459	-2.8968	0.2771	2.68E-3	6.38E-4	3.90E-3
	CC8	-0.7150	-4.4836	0.2724	2.29E-3	2.97E-4	6.83E-3
	CC9	-2.9382	13.7190	-1.0066	2.93E-3	8.16E-6	-1.81E-2
	CC10	-2.2126	11.5502	-1.0130	2.39E-3	-4.57E-4	-1.41E-2
	CC11	-4.1142	13.7589	-0.7037	4.85E-3	1.49E-3	-1.78E-2
	CC12	-3.3886	11.5901	-0.7101	4.31E-3	1.03E-3	-1.38E-2
	CC13	3.4356	-11.5292	-0.0402	-3.74E-3	-3.88E-3	1.38E-2
	CC14	4.1611	-13.6980	-0.0466	-4.28E-3	-4.35E-3	1.78E-2
	CC15	2.2596	-11.4893	0.2628	-1.82E-3	-2.40E-3	1.41E-2
	CC16	2.9852	-13.6581	0.2563	-2.36E-3	-2.86E-3	1.81E-2
130	CC1	1.0638	4.5445	-1.0914	-1.36E-3	-2.94E-3	-6.83E-3
	CC2	1.4628	2.9577	-1.1107	-1.63E-3	-3.26E-3	-3.90E-3
	CC3	2.5450	-3.0299	-0.8869	-3.18E-3	-4.10E-3	2.74E-3
	CC4	2.9440	-4.6168	-0.9061	-3.45E-3	-4.41E-3	5.67E-3
	CC5	-2.9084	4.6777	0.1841	4.10E-3	1.68E-3	-5.67E-3
	CC6	-2.5094	3.0909	0.1648	3.83E-3	1.37E-3	-2.74E-3
	CC7	-1.4272	-2.8968	0.3886	2.28E-3	5.26E-4	3.90E-3
	CC8	-1.0282	-4.4836	0.3694	2.01E-3	2.09E-4	6.83E-3
	CC9	-2.1278	13.7190	-0.8801	2.72E-3	8.40E-5	-1.81E-2
	CC10	-1.5824	11.5502	-0.9065	2.36E-3	-3.48E-4	-1.41E-2
	CC11	-3.3194	13.7589	-0.4975	4.36E-3	1.47E-3	-1.78E-2
	CC12	-2.7741	11.5901	-0.5238	4.00E-3	1.04E-3	-1.38E-2
	CC13	2.8096	-11.5292	-0.1982	-3.34E-3	-3.77E-3	1.38E-2
	CC14	3.3550	-13.6980	-0.2246	-3.71E-3	-4.20E-3	1.78E-2
	CC15	1.6180	-11.4893	0.1844	-1.71E-3	-2.38E-3	1.41E-2
	CC16	2.1633	-13.6581	0.1581	-2.07E-3	-2.82E-3	1.81E-2
131	CC1	1.3656	4.5445	-1.1321	-4.64E-4	-2.75E-3	-6.83E-3
	CC2	1.6327	2.9577	-1.1618	-6.69E-4	-3.06E-3	-3.90E-3
	CC3	2.4159	-3.0299	-1.0147	-2.55E-3	-3.93E-3	2.74E-3
	CC4	2.6830	-4.6168	-1.0444	-2.75E-3	-4.24E-3	5.67E-3
	CC5	-2.6589	4.6777	0.3550	3.52E-3	1.63E-3	-5.67E-3
	CC6	-2.3917	3.0909	0.3254	3.31E-3	1.32E-3	-2.74E-3
	CC7	-1.6086	-2.8968	0.4724	1.44E-3	4.43E-4	3.90E-3
	CC8	-1.3414	-4.4836	0.4428	1.23E-3	1.34E-4	6.83E-3
	CC9	-1.3174	13.7190	-0.7431	3.40E-3	2.26E-4	-1.81E-2
	CC10	-0.9522	11.5502	-0.7837	3.12E-3	-1.97E-4	-1.41E-2
	CC11	-2.5247	13.7589	-0.2970	4.59E-3	1.54E-3	-1.78E-2
	CC12	-2.1596	11.5902	-0.3375	4.31E-3	1.12E-3	-1.38E-2
	CC13	2.1837	-11.5292	-0.3518	-3.55E-3	-3.73E-3	1.38E-2
	CC14	2.5488	-13.6980	-0.3923	-3.83E-3	-4.15E-3	1.78E-2
	CC15	0.9764	-11.4893	0.0944	-2.35E-3	-2.42E-3	1.41E-2
	CC16	1.3415	-13.6580	0.0538	-2.63E-3	-2.84E-3	1.81E-2
132	CC1	1.6674	4.5445	-1.1207	9.85E-4	-2.63E-3	-6.83E-3
	CC2	1.8027	2.9577	-1.1603	7.43E-4	-2.95E-3	-3.90E-3
	CC3	2.2868	-3.0299	-1.1145	-1.92E-3	-3.84E-3	2.74E-3
	CC4	2.4221	-4.6168	-1.1540	-2.16E-3	-4.16E-3	5.67E-3
	CC5	-2.4093	4.6777	0.5027	3.05E-3	1.65E-3	-5.67E-3
	CC6	-2.2740	3.0909	0.4632	2.80E-3	1.34E-3	-2.74E-3
	CC7	-1.7899	-2.8968	0.5090	1.43E-4	4.45E-4	3.90E-3
	CC8	-1.6546	-4.4836	0.4694	-9.86E-5	1.32E-4	6.83E-3
	CC9	-0.5069	13.7190	-0.5525	5.14E-3	3.36E-4	-1.81E-2
	CC10	-0.3220	11.5502	-0.6066	4.81E-3	-9.09E-5	-1.41E-2
	CC11	-1.7299	13.7589	-0.0655	5.75E-3	1.62E-3	-1.78E-2
	CC12	-1.5450	11.5902	-0.1195	5.42E-3	1.20E-3	-1.38E-2
	CC13	1.5578	-11.5292	-0.5318	-4.54E-3	-3.70E-3	1.38E-2
	CC14	1.7427	-13.6980	-0.5858	-4.87E-3	-4.12E-3	1.78E-2
	CC15	0.3348	-11.4893	-0.0447	-3.92E-3	-2.41E-3	1.41E-2
	CC16	0.5197	-13.6580	-0.0988	-4.25E-3	-2.84E-3	1.81E-2
133	CC1	1.9692	4.5445	-1.0408	2.57E-3	-2.82E-3	-6.83E-3
	CC2	1.9726	2.9577	-1.0942	2.19E-3	-3.12E-3	-3.90E-3
	CC3	2.1577	-3.0300	-1.1913	-1.52E-3	-3.88E-3	2.74E-3
	CC4	2.1611	-4.6168	-1.2446	-1.89E-3	-4.18E-3	5.67E-3
	CC5	-2.1598	4.6777	0.6357	2.87E-3	1.73E-3	-5.67E-3
	CC6	-2.1564	3.0909	0.5823	2.49E-3	1.43E-3	-2.74E-3
	CC7	-1.9713	-2.8968	0.4853	-1.22E-3	6.64E-4	3.90E-3
	CC8	-1.9678	-4.4836	0.4319	-1.59E-3	3.66E-4	6.83E-3
	CC9	0.3035	13.7190	-0.2687	7.50E-3	6.59E-5	-1.81E-2
	CC10	0.3082	11.5502	-0.3417	6.99E-3	-3.42E-4	-1.41E-2

	CC11	-0.9352	13.7589	0.2343	7.59E-3	1.43E-3	-1.78E-2
	CC12	-0.9305	11.5901	0.1613	7.08E-3	1.02E-3	-1.38E-2
	CC13	0.9319	-11.5292	-0.7702	-6.11E-3	-3.47E-3	1.38E-2
	CC14	0.9366	-13.6980	-0.8432	-6.62E-3	-3.88E-3	1.78E-2
	CC15	-0.3068	-11.4893	-0.2673	-6.02E-3	-2.11E-3	1.41E-2
	CC16	-0.3021	-13.6581	-0.3402	-6.53E-3	-2.52E-3	1.81E-2
134	CC1	2.2710	4.5445	-0.8973	3.84E-3	-3.13E-3	-6.83E-3
	CC2	2.1425	2.9577	-0.9708	3.31E-3	-3.39E-3	-3.90E-3
	CC3	2.0286	-3.0300	-1.2551	-1.34E-3	-3.92E-3	2.74E-3
	CC4	1.9002	-4.6168	-1.3286	-1.86E-3	-4.19E-3	5.67E-3
	CC5	-1.9103	4.6777	0.7647	2.87E-3	1.77E-3	-5.67E-3
	CC6	-2.0387	3.0908	0.6912	2.35E-3	1.51E-3	-2.74E-3
	CC7	-2.1526	-2.8968	0.4069	-2.30E-3	9.79E-4	3.90E-3
	CC8	-2.2811	-4.4836	0.3334	-2.83E-3	7.14E-4	6.83E-3
	CC9	1.1139	13.7189	0.1153	9.63E-3	-4.35E-4	-1.81E-2
	CC10	0.9383	11.5502	0.0148	8.91E-3	-7.97E-4	-1.41E-2
	CC11	-0.1405	13.7589	0.6139	9.34E-3	1.04E-3	-1.78E-2
	CC12	-0.3160	11.5901	0.5134	8.63E-3	6.73E-4	-1.38E-2
	CC13	0.3059	-11.5293	-1.0773	-7.61E-3	-3.09E-3	1.38E-2
	CC14	0.1304	-13.6980	-1.1778	-8.33E-3	-3.45E-3	1.78E-2
	CC15	-0.9484	-11.4893	-0.5787	-7.90E-3	-1.62E-3	1.41E-2
	CC16	-1.1240	-13.6581	-0.6792	-8.62E-3	-1.98E-3	1.81E-2
135	CC1	2.5728	4.2343	-0.5524	4.62E-3	-3.60E-3	-6.83E-3
	CC2	2.3125	2.7830	-0.6414	3.97E-3	-3.79E-3	-3.90E-3
	CC3	1.8995	-2.8973	-1.1329	-1.33E-3	-3.92E-3	2.74E-3
	CC4	1.6392	-4.3486	-1.2218	-1.97E-3	-4.11E-3	5.67E-3
	CC5	-1.6607	4.4212	0.8137	2.98E-3	1.75E-3	-5.67E-3
	CC6	-1.9211	2.9699	0.7247	2.33E-3	1.56E-3	-2.74E-3
	CC7	-2.3340	-2.7104	0.2332	-2.97E-3	1.43E-3	3.90E-3
	CC8	-2.5943	-4.1617	0.1443	-3.61E-3	1.24E-3	6.83E-3
	CC9	1.9243	12.8860	0.6192	1.11E-2	-1.32E-3	-1.81E-2
	CC10	1.5685	10.9025	0.4976	1.02E-2	-1.58E-3	-1.41E-2
	CC11	0.6542	12.9421	1.0291	1.06E-2	2.89E-4	-1.78E-2
	CC12	0.2984	10.9586	0.9075	9.73E-3	2.70E-5	-1.38E-2
	CC13	-0.3200	-10.8859	-1.3156	-8.72E-3	-2.38E-3	1.38E-2
	CC14	-0.6758	-12.8695	-1.4372	-9.60E-3	-2.64E-3	1.78E-2
	CC15	-1.5901	-10.8299	-0.9058	-9.21E-3	-7.76E-4	1.41E-2
	CC16	-1.9458	-12.8134	-1.0274	-1.01E-2	-1.04E-3	1.81E-2
136	CC1	2.5727	3.9241	-0.3671	5.50E-3	-4.10E-3	-6.83E-3
	CC2	2.3124	2.6084	-0.4510	4.68E-3	-4.18E-3	-3.90E-3
	CC3	1.8995	-2.7646	-0.9552	-1.44E-3	-3.78E-3	2.74E-3
	CC4	1.6391	-4.0803	-1.0391	-2.25E-3	-3.87E-3	5.67E-3
	CC5	-1.6608	4.1647	0.7352	3.24E-3	1.73E-3	-5.67E-3
	CC6	-1.9211	2.8490	0.6513	2.42E-3	1.65E-3	-2.74E-3
	CC7	-2.3341	-2.5240	0.1471	-3.70E-3	2.05E-3	3.90E-3
	CC8	-2.5944	-3.8397	0.0632	-4.51E-3	1.96E-3	6.83E-3
	CC9	1.9242	12.0531	0.7202	1.29E-2	-2.41E-3	-1.81E-2
	CC10	1.5685	10.2548	0.6055	1.18E-2	-2.52E-3	-1.41E-2
	CC11	0.6542	12.1253	1.0509	1.23E-2	-6.63E-4	-1.78E-2
	CC12	0.2984	10.3270	0.9362	1.12E-2	-7.76E-4	-1.38E-2
	CC13	-0.3200	-10.2426	-1.2402	-1.02E-2	-1.36E-3	1.38E-2
	CC14	-0.6758	-12.0409	-1.3548	-1.13E-2	-1.47E-3	1.78E-2
	CC15	-1.5901	-10.1704	-0.9095	-1.08E-2	3.89E-4	1.41E-2
	CC16	-1.9459	-11.9687	-1.0242	-1.20E-2	2.76E-4	1.81E-2
137	CC1	2.5727	3.6140	-0.1538	7.12E-3	-4.62E-3	-6.83E-3
	CC2	2.3123	2.4338	-0.2424	5.87E-3	-4.45E-3	-3.90E-3
	CC3	1.8994	-2.6318	-0.7997	-2.07E-3	-3.07E-3	2.74E-3
	CC4	1.6391	-3.8121	-0.8883	-3.31E-3	-2.90E-3	5.67E-3
	CC5	-1.6608	3.9083	0.6704	4.25E-3	1.32E-3	-5.67E-3
	CC6	-1.9212	2.7281	0.5818	3.00E-3	1.49E-3	-2.74E-3
	CC7	-2.3341	-2.3375	0.0245	-4.94E-3	2.87E-3	3.90E-3
	CC8	-2.5945	-3.5178	-0.0641	-6.18E-3	3.04E-3	6.83E-3
	CC9	1.9242	11.2203	0.9044	1.71E-2	-4.39E-3	-1.81E-2
	CC10	1.5684	9.6072	0.7833	1.54E-2	-4.15E-3	-1.41E-2
	CC11	0.6541	11.3085	1.1517	1.62E-2	-2.60E-3	-1.78E-2
	CC12	0.2983	9.6955	1.0306	1.45E-2	-2.37E-3	-1.38E-2
	CC13	-0.3201	-9.5992	-1.2485	-1.36E-2	7.90E-4	1.38E-2
	CC14	-0.6759	-11.2123	-1.3695	-1.53E-2	1.02E-3	1.78E-2
	CC15	-1.5902	-9.5109	-1.0012	-1.44E-2	2.57E-3	1.41E-2
	CC16	-1.9460	-11.1240	-1.1223	-1.61E-2	2.81E-3	1.81E-2
138	CC1	0.5331	0.4424	-0.5799	0.00E+0	-4.05E-3	-8.03E-4
	CC2	0.5603	0.3311	-0.5744	0.00E+0	-4.25E-3	-5.61E-4
	CC3	0.5831	-0.2372	-0.4925	0.00E+0	-4.51E-3	-2.10E-4

	CC4	0.6103	-0.3485	-0.4869	0.00E+0	-4.70E-3	3.22E-5
	CC5	-0.6182	0.3570	0.3753	0.00E+0	5.05E-3	-2.31E-5
	CC6	-0.5910	0.2457	0.3808	0.00E+0	4.85E-3	2.19E-4
	CC7	-0.5682	-0.3226	0.4627	0.00E+0	4.60E-3	5.70E-4
	CC8	-0.5410	-0.4339	0.4683	0.00E+0	4.40E-3	8.12E-4
	CC9	0.0669	1.2258	-0.3487	0.00E+0	-3.04E-4	-1.27E-3
	CC10	0.1041	1.0737	-0.3411	0.00E+0	-5.69E-4	-9.35E-4
	CC11	-0.2785	1.2002	-0.0621	0.00E+0	2.43E-3	-1.03E-3
	CC12	-0.2413	1.0481	-0.0545	0.00E+0	2.16E-3	-7.01E-4
	CC13	0.2334	-1.0396	-0.0571	0.00E+0	-1.81E-3	7.10E-4
	CC14	0.2706	-1.1917	-0.0495	0.00E+0	-2.08E-3	1.04E-3
	CC15	-0.1119	-1.0652	0.2294	0.00E+0	9.18E-4	9.44E-4
	CC16	-0.0747	-1.2173	0.2371	0.00E+0	6.52E-4	1.28E-3
139	CC1	0.5565	0.4430	-0.4637	0.00E+0	-4.26E-3	-6.76E-4
	CC2	0.5760	0.3316	-0.4833	0.00E+0	-4.38E-3	-4.45E-4
	CC3	0.5873	-0.2368	-0.4809	0.00E+0	-4.72E-3	-1.31E-4
	CC4	0.6068	-0.3482	-0.5005	0.00E+0	-4.84E-3	1.01E-4
	CC5	-0.6154	0.3567	0.3955	0.00E+0	5.17E-3	-7.38E-5
	CC6	-0.5959	0.2453	0.3759	0.00E+0	5.05E-3	1.58E-4
	CC7	-0.5846	-0.3231	0.3783	0.00E+0	4.71E-3	4.71E-4
	CC8	-0.5650	-0.4345	0.3587	0.00E+0	4.59E-3	7.03E-4
	CC9	0.1067	1.2264	-0.1394	0.00E+0	-4.00E-4	-1.14E-3
	CC10	0.1335	1.0741	-0.1660	0.00E+0	-5.65E-4	-8.27E-4
	CC11	-0.2448	1.2005	0.1184	0.00E+0	2.43E-3	-9.63E-4
	CC12	-0.2181	1.0483	0.0917	0.00E+0	2.26E-3	-6.47E-4
	CC13	0.2095	-1.0397	-0.1967	0.00E+0	-1.93E-3	6.73E-4
	CC14	0.2362	-1.1920	-0.2234	0.00E+0	-2.10E-3	9.90E-4
	CC15	-0.1420	-1.0656	0.0610	0.00E+0	8.95E-4	8.54E-4
	CC16	-0.1153	-1.2179	0.0343	0.00E+0	7.30E-4	1.17E-3
140	CC1	0.7021	0.4792	-0.3370	1.92E-3	6.53E-4	-9.56E-4
	CC2	0.7281	0.3676	-0.3320	1.36E-3	3.72E-4	-6.61E-4
	CC3	0.7540	-0.2642	-0.2583	-1.52E-3	-3.39E-4	-3.83E-4
	CC4	0.7799	-0.3758	-0.2533	-2.09E-3	-6.20E-4	-8.91E-5
	CC5	-0.7995	0.3901	0.1028	2.33E-3	1.16E-3	8.91E-5
	CC6	-0.7736	0.2785	0.1077	1.76E-3	8.83E-4	3.83E-4
	CC7	-0.7476	-0.3532	0.1815	-1.12E-3	1.73E-4	6.61E-4
	CC8	-0.7217	-0.4648	0.1865	-1.68E-3	-1.08E-4	9.56E-4
	CC9	0.1113	1.3357	-0.2759	6.19E-3	2.04E-3	-1.31E-3
	CC10	0.1468	1.1832	-0.2691	5.42E-3	1.66E-3	-9.09E-4
	CC11	-0.3392	1.3090	-0.1440	6.31E-3	2.19E-3	-9.98E-4
	CC12	-0.3037	1.1565	-0.1372	5.54E-3	1.81E-3	-5.96E-4
	CC13	0.2842	-1.1421	-0.0134	-5.30E-3	-1.26E-3	5.96E-4
	CC14	0.3196	-1.2947	-0.0066	-6.07E-3	-1.65E-3	9.98E-4
	CC15	-0.1663	-1.1689	0.1185	-5.17E-3	-1.11E-3	9.09E-4
	CC16	-0.1309	-1.3214	0.1253	-5.95E-3	-1.50E-3	1.31E-3
141	CC1	0.6599	0.4792	-0.4283	2.17E-3	-9.02E-4	-9.56E-4
	CC2	0.6987	0.3676	-0.3981	1.61E-3	-9.61E-4	-6.61E-4
	CC3	0.7368	-0.2641	-0.1980	-1.32E-3	-2.18E-3	-3.83E-4
	CC4	0.7756	-0.3757	-0.1678	-1.89E-3	-2.24E-3	-8.91E-5
	CC5	-0.7960	0.3902	0.0068	2.12E-3	2.81E-3	8.91E-5
	CC6	-0.7572	0.2786	0.0370	1.55E-3	2.75E-3	3.83E-4
	CC7	-0.7191	-0.3532	0.2371	-1.38E-3	1.52E-3	6.61E-4
	CC8	-0.6803	-0.4648	0.2673	-1.94E-3	1.46E-3	9.56E-4
	CC9	0.0535	1.3358	-0.5502	6.33E-3	1.90E-3	-1.31E-3
	CC10	0.1066	1.1832	-0.5090	5.56E-3	1.82E-3	-9.09E-4
	CC11	-0.3833	1.3090	-0.4197	6.32E-3	3.01E-3	-9.98E-4
	CC12	-0.3302	1.1565	-0.3785	5.54E-3	2.93E-3	-5.96E-4
	CC13	0.3098	-1.1421	0.2175	-5.32E-3	-2.37E-3	5.96E-4
	CC14	0.3629	-1.2946	0.2587	-6.09E-3	-2.45E-3	9.98E-4
	CC15	-0.1270	-1.1688	0.3480	-5.33E-3	-1.26E-3	9.09E-4
	CC16	-0.0739	-1.3213	0.3892	-6.10E-3	-1.34E-3	1.31E-3
142	CC1	0.6540	0.4344	-0.3741	1.28E-3	-2.01E-3	-9.56E-4
	CC2	0.6947	0.3364	-0.3371	8.91E-4	-2.12E-3	-6.61E-4
	CC3	0.7345	-0.2825	-0.0672	-2.44E-3	-3.03E-3	-3.83E-4
	CC4	0.7752	-0.3805	-0.0302	-2.84E-3	-3.14E-3	-8.91E-5
	CC5	-0.7954	0.3937	-0.1570	3.08E-3	3.64E-3	8.91E-5
	CC6	-0.7547	0.2957	-0.1200	2.68E-3	3.53E-3	3.83E-4
	CC7	-0.7149	-0.3232	0.1499	-6.49E-4	2.62E-3	6.61E-4
	CC8	-0.6742	-0.4212	0.1869	-1.04E-3	2.51E-3	9.56E-4
	CC9	0.0454	1.2745	-0.6630	6.33E-3	1.19E-3	-1.31E-3
	CC10	0.1010	1.1406	-0.6124	5.79E-3	1.03E-3	-9.09E-4
	CC11	-0.3894	1.2623	-0.5978	6.87E-3	2.88E-3	-9.98E-4
	CC12	-0.3338	1.1283	-0.5473	6.33E-3	2.73E-3	-5.96E-4

	CC13	0.3136	-1.1151	0.3601	-6.09E-3	-2.23E-3	5.96E-4
	CC14	0.3692	-1.2491	0.4106	-6.63E-3	-2.38E-3	9.98E-4
	CC15	-0.1212	-1.1274	0.4252	-5.55E-3	-5.35E-4	9.09E-4
	CC16	-0.0656	-1.2613	0.4758	-6.09E-3	-6.87E-4	1.31E-3
143	CC1	0.6750	0.3018	0.2215	1.87E-3	-4.50E-3	-9.56E-4
	CC2	0.7094	0.2439	0.2861	1.38E-3	-4.73E-3	-6.61E-4
	CC3	0.7432	-0.3371	0.5549	-1.48E-3	-5.16E-3	-3.83E-4
	CC4	0.7776	-0.3950	0.6195	-1.97E-3	-5.40E-3	-8.91E-5
	CC5	-0.7968	0.4034	-0.9573	2.12E-3	7.64E-3	8.91E-5
	CC6	-0.7625	0.3455	-0.8927	1.62E-3	7.41E-3	3.83E-4
	CC7	-0.7286	-0.2355	-0.6238	-1.23E-3	6.97E-3	6.61E-4
	CC8	-0.6943	-0.2934	-0.5592	-1.73E-3	6.74E-3	9.56E-4
	CC9	0.0740	1.0934	-0.5920	5.96E-3	5.75E-4	-1.31E-3
	CC10	0.1210	1.0143	-0.5037	5.28E-3	2.59E-4	-9.09E-4
	CC11	-0.3675	1.1239	-0.9456	6.03E-3	4.22E-3	-9.98E-4
	CC12	-0.3206	1.0448	-0.8573	5.35E-3	3.90E-3	-5.96E-4
	CC13	0.3013	-1.0363	0.5195	-5.21E-3	-1.65E-3	5.96E-4
	CC14	0.3483	-1.1155	0.6078	-5.88E-3	-1.97E-3	9.98E-4
	CC15	-0.1402	-1.0059	0.1659	-5.13E-3	1.99E-3	9.09E-4
	CC16	-0.0933	-1.0850	0.2542	-5.81E-3	1.67E-3	1.31E-3
144	CC1	0.7005	0.4343	-0.3287	8.23E-4	-1.15E-3	-9.56E-4
	CC2	0.7270	0.3364	-0.3097	4.31E-4	-1.45E-3	-6.61E-4
	CC3	0.7535	-0.2825	-0.1968	-2.73E-3	-2.12E-3	-3.83E-4
	CC4	0.7801	-0.3805	-0.1778	-3.13E-3	-2.42E-3	-8.91E-5
	CC5	-0.7990	0.3936	0.0016	3.35E-3	2.96E-3	8.91E-5
	CC6	-0.7724	0.2956	0.0206	2.96E-3	2.66E-3	3.83E-4
	CC7	-0.7460	-0.3233	0.1335	-2.05E-4	2.00E-3	6.61E-4
	CC8	-0.7194	-0.4213	0.1525	-5.98E-4	1.69E-3	9.56E-4
	CC9	0.1089	1.2744	-0.3705	5.93E-3	1.48E-3	-1.31E-3
	CC10	0.1452	1.1405	-0.3445	5.39E-3	1.06E-3	-9.09E-4
	CC11	-0.3410	1.2622	-0.2714	6.69E-3	2.71E-3	-9.98E-4
	CC12	-0.3047	1.1283	-0.2454	6.15E-3	2.30E-3	-5.96E-4
	CC13	0.2857	-1.1152	0.0692	-5.92E-3	-1.75E-3	5.96E-4
	CC14	0.3220	-1.2491	0.0952	-6.46E-3	-2.16E-3	9.98E-4
	CC15	-0.1641	-1.1274	0.1683	-5.17E-3	-5.18E-4	9.09E-4
	CC16	-0.1278	-1.2614	0.1943	-5.70E-3	-9.31E-4	1.31E-3
145	CC1	0.6261	0.4344	-0.4091	1.40E-3	-2.68E-3	-9.56E-4
	CC2	0.6752	0.3364	-0.3607	9.66E-4	-2.78E-3	-6.61E-4
	CC3	0.7230	-0.2825	0.0068	-2.33E-3	-3.77E-3	-3.83E-4
	CC4	0.7721	-0.3805	0.0552	-2.76E-3	-3.86E-3	-8.91E-5
	CC5	-0.7933	0.3937	-0.2498	3.01E-3	4.40E-3	8.91E-5
	CC6	-0.7442	0.2957	-0.2014	2.58E-3	4.31E-3	3.83E-4
	CC7	-0.6964	-0.3232	0.1661	-7.14E-4	3.32E-3	6.61E-4
	CC8	-0.6472	-0.4212	0.2145	-1.14E-3	3.22E-3	9.56E-4
	CC9	0.0072	1.2745	-0.8474	6.38E-3	1.08E-3	-1.31E-3
	CC10	0.0744	1.1405	-0.7813	5.80E-3	9.52E-4	-9.09E-4
	CC11	-0.4186	1.2623	-0.7996	6.87E-3	3.21E-3	-9.98E-4
	CC12	-0.3514	1.1283	-0.7335	6.28E-3	3.08E-3	-5.96E-4
	CC13	0.3303	-1.1152	0.5389	-6.03E-3	-2.54E-3	5.96E-4
	CC14	0.3974	-1.2491	0.6051	-6.62E-3	-2.66E-3	9.98E-4
	CC15	-0.0955	-1.1274	0.5867	-5.54E-3	-4.11E-4	9.09E-4
	CC16	-0.0284	-1.2613	0.6529	-6.13E-3	-5.40E-4	1.31E-3
146	CC1	0.6826	0.2143	0.6185	1.89E-3	-4.02E-3	-9.56E-4
	CC2	0.7146	0.1829	0.7025	1.39E-3	-4.30E-3	-6.61E-4
	CC3	0.7463	-0.3731	0.9901	-1.46E-3	-4.77E-3	-3.83E-4
	CC4	0.7784	-0.4046	1.0741	-1.96E-3	-5.05E-3	-8.91E-5
	CC5	-0.7973	0.4099	-1.6454	2.08E-3	8.01E-3	8.91E-5
	CC6	-0.7653	0.3785	-1.5613	1.59E-3	7.73E-3	3.83E-4
	CC7	-0.7336	-0.1775	-1.2738	-1.26E-3	7.26E-3	6.61E-4
	CC8	-0.7015	-0.2090	-1.1897	-1.76E-3	6.98E-3	9.56E-4
	CC9	0.0843	0.9738	-0.6228	5.95E-3	1.11E-3	-1.31E-3
	CC10	0.1282	0.9309	-0.5080	5.27E-3	7.29E-4	-9.09E-4
	CC11	-0.3596	1.0325	-1.3020	6.01E-3	4.72E-3	-9.98E-4
	CC12	-0.3158	0.9896	-1.1871	5.33E-3	4.34E-3	-5.96E-4
	CC13	0.2969	-0.9843	0.6158	-5.21E-3	-1.38E-3	5.96E-4
	CC14	0.3407	-1.0272	0.7307	-5.88E-3	-1.76E-3	9.98E-4
	CC15	-0.1471	-0.9256	-0.0633	-5.15E-3	2.23E-3	9.09E-4
	CC16	-0.1033	-0.9685	0.0515	-5.82E-3	1.84E-3	1.31E-3
147	CC1	0.7761	0.6388	-0.5079	3.00E-3	-4.94E-3	-2.72E-3
	CC2	0.8187	0.4876	-0.4881	2.33E-3	-5.25E-3	-2.12E-3
	CC3	0.8598	-0.2115	-0.3755	1.23E-3	-5.43E-3	-1.12E-3
	CC4	0.9024	-0.3627	-0.3556	5.61E-4	-5.74E-3	-5.09E-4
	CC5	-0.9345	0.3829	0.2296	-4.39E-4	6.29E-3	3.98E-4

	CC6	-0.8919	0.2317	0.2495	-1.11E-3	5.98E-3	1.01E-3
	CC7	-0.8508	-0.4674	0.3621	-2.21E-3	5.80E-3	2.00E-3
	CC8	-0.8082	-0.6186	0.3819	-2.88E-3	5.48E-3	2.61E-3
	CC9	0.0718	1.5690	-0.4079	3.99E-3	-3.77E-4	-3.62E-3
	CC10	0.1301	1.3624	-0.3808	3.07E-3	-8.06E-4	-2.79E-3
	CC11	-0.4413	1.4922	-0.1867	2.96E-3	2.99E-3	-2.68E-3
	CC12	-0.3831	1.2856	-0.1595	2.04E-3	2.56E-3	-1.85E-3
	CC13	0.3510	-1.2654	0.0335	-1.92E-3	-2.02E-3	1.74E-3
	CC14	0.4092	-1.4720	0.0607	-2.83E-3	-2.45E-3	2.57E-3
	CC15	-0.1622	-1.3422	0.2548	-2.95E-3	1.35E-3	2.67E-3
	CC16	-0.1040	-1.5488	0.2819	-3.87E-3	9.21E-4	3.51E-3
148	CC1	0.8897	0.7110	-0.3924	3.78E-3	-4.31E-3	-3.43E-3
	CC2	0.9394	0.5472	-0.3649	3.00E-3	-4.61E-3	-2.72E-3
	CC3	0.9863	-0.1935	-0.2448	2.33E-3	-4.99E-3	-2.11E-3
	CC4	1.0360	-0.3573	-0.2173	1.54E-3	-5.29E-3	-1.40E-3
	CC5	-1.0809	0.3823	0.0772	-1.41E-3	5.86E-3	1.28E-3
	CC6	-1.0312	0.2185	0.1046	-2.20E-3	5.57E-3	1.99E-3
	CC7	-0.9843	-0.5222	0.2248	-2.87E-3	5.18E-3	2.60E-3
	CC8	-0.9346	-0.6860	0.2522	-3.65E-3	4.89E-3	3.31E-3
	CC9	0.0782	1.6811	-0.4052	3.80E-3	9.32E-5	-3.44E-3
	CC10	0.1460	1.4573	-0.3677	2.73E-3	-3.12E-4	-2.47E-3
	CC11	-0.5130	1.5825	-0.2644	2.24E-3	3.15E-3	-2.03E-3
	CC12	-0.4451	1.3586	-0.2269	1.17E-3	2.74E-3	-1.06E-3
	CC13	0.4002	-1.3336	0.0867	-1.04E-3	-2.17E-3	9.44E-4
	CC14	0.4681	-1.5575	0.1242	-2.11E-3	-2.57E-3	1.91E-3
	CC15	-0.1910	-1.4322	0.2276	-2.60E-3	8.86E-4	2.36E-3
	CC16	-0.1231	-1.6561	0.2651	-3.67E-3	4.81E-4	3.33E-3
149	CC1	0.9811	0.7095	-0.1928	3.83E-3	-5.60E-3	-3.47E-3
	CC2	1.0105	0.5457	-0.2052	3.04E-3	-5.71E-3	-2.76E-3
	CC3	1.0779	-0.1951	-0.1496	2.37E-3	-6.87E-3	-2.15E-3
	CC4	1.1073	-0.3588	-0.1619	1.58E-3	-6.98E-3	-1.44E-3
	CC5	-1.1516	0.3838	0.0307	-1.45E-3	7.54E-3	1.32E-3
	CC6	-1.1222	0.2201	0.0183	-2.24E-3	7.43E-3	2.03E-3
	CC7	-1.0547	-0.5207	0.0739	-2.91E-3	6.28E-3	2.64E-3
	CC8	-1.0253	-0.6845	0.0616	-3.70E-3	6.17E-3	3.35E-3
	CC9	0.1162	1.6809	-0.1628	3.83E-3	4.97E-4	-3.47E-3
	CC10	0.1565	1.4571	-0.1797	2.75E-3	3.47E-4	-2.49E-3
	CC11	-0.5236	1.5832	-0.0957	2.24E-3	4.44E-3	-2.03E-3
	CC12	-0.4833	1.3594	-0.1126	1.17E-3	4.29E-3	-1.06E-3
	CC13	0.4391	-1.3344	-0.0186	-1.03E-3	-3.73E-3	9.37E-4
	CC14	0.4793	-1.5581	-0.0355	-2.11E-3	-3.88E-3	1.91E-3
	CC15	-0.2007	-1.4320	0.0484	-2.62E-3	2.16E-4	2.37E-3
	CC16	-0.1605	-1.6558	0.0315	-3.69E-3	6.63E-5	3.35E-3
150	CC1	0.8351	0.6378	-0.3424	3.12E-3	-6.42E-3	-2.83E-3
	CC2	0.8625	0.4867	-0.3572	2.44E-3	-6.50E-3	-2.22E-3
	CC3	0.9046	-0.2125	-0.3284	1.33E-3	-7.52E-3	-1.21E-3
	CC4	0.9319	-0.3637	-0.3432	6.61E-4	-7.59E-3	-6.00E-4
	CC5	-0.9636	0.3839	0.2257	-5.38E-4	8.12E-3	4.88E-4
	CC6	-0.9362	0.2328	0.2109	-1.21E-3	8.04E-3	1.10E-3
	CC7	-0.8941	-0.4664	0.2397	-2.32E-3	7.03E-3	2.10E-3
	CC8	-0.8668	-0.6176	0.2249	-2.99E-3	6.95E-3	2.71E-3
	CC9	0.1195	1.5687	-0.1572	4.04E-3	-4.25E-5	-3.66E-3
	CC10	0.1569	1.3622	-0.1774	3.12E-3	-1.49E-4	-2.83E-3
	CC11	-0.4201	1.4926	0.0132	2.95E-3	4.32E-3	-2.67E-3
	CC12	-0.3827	1.2860	-0.0070	2.03E-3	4.21E-3	-1.84E-3
	CC13	0.3511	-1.2658	-0.1105	-1.90E-3	-3.69E-3	1.72E-3
	CC14	0.3885	-1.4724	-0.1307	-2.82E-3	-3.79E-3	2.56E-3
	CC15	-0.1885	-1.3419	0.0599	-3.00E-3	6.77E-4	2.72E-3
	CC16	-0.1512	-1.5485	0.0397	-3.92E-3	5.70E-4	3.55E-3
151	CC1	0.9558	0.6818	-0.2959	3.91E-3	-5.67E-4	-2.62E-3
	CC2	1.0142	0.5263	-0.2552	3.14E-3	-5.39E-4	-2.07E-3
	CC3	1.0706	-0.2860	-0.0634	1.02E-3	-2.01E-3	-2.82E-3
	CC4	1.1289	-0.4415	-0.0227	2.47E-4	-1.99E-3	-2.27E-3
	CC5	-1.1868	0.4707	-0.1509	-1.26E-5	2.46E-3	2.27E-3
	CC6	-1.1284	0.3152	-0.1102	-7.82E-4	2.49E-3	2.82E-3
	CC7	-1.0720	-0.4971	0.0816	-2.90E-3	1.01E-3	2.07E-3
	CC8	-1.0137	-0.6526	0.1223	-3.67E-3	1.04E-3	2.62E-3
	CC9	0.0614	1.7655	-0.5238	6.05E-3	2.18E-3	-7.77E-4
	CC10	0.1411	1.5530	-0.4682	4.99E-3	2.22E-3	-2.50E-5
	CC11	-0.5814	1.7022	-0.4803	4.87E-3	3.08E-3	6.92E-4
	CC12	-0.5017	1.4897	-0.4247	3.82E-3	3.12E-3	1.44E-3
	CC13	0.4439	-1.4605	0.2511	-3.59E-3	-2.65E-3	-1.44E-3
	CC14	0.5236	-1.6730	0.3068	-4.64E-3	-2.61E-3	-6.92E-4

	CC15	-0.1989	-1.5238	0.2946	-4.76E-3	-1.74E-3	2.50E-5
	CC16	-0.1192	-1.7363	0.3503	-5.81E-3	-1.70E-3	7.77E-4
152	CC1	0.9407	0.5852	-0.2893	2.18E-3	-1.10E-3	-2.62E-3
	CC2	1.0022	0.4499	-0.2459	1.68E-3	-1.09E-3	-2.07E-3
	CC3	1.0543	-0.3899	0.0143	-1.27E-3	-2.54E-3	-2.82E-3
	CC4	1.1158	-0.5253	0.0577	-1.77E-3	-2.53E-3	-2.27E-3
	CC5	-1.1740	0.5538	-0.2501	2.02E-3	3.02E-3	2.27E-3
	CC6	-1.1125	0.4185	-0.2066	1.52E-3	3.03E-3	2.82E-3
	CC7	-1.0604	-0.4213	0.0535	-1.44E-3	1.58E-3	2.07E-3
	CC8	-0.9989	-0.5567	0.0970	-1.94E-3	1.59E-3	2.62E-3
	CC9	0.0568	1.7367	-0.6377	6.25E-3	2.02E-3	-7.77E-4
	CC10	0.1408	1.5517	-0.5784	5.56E-3	2.04E-3	-2.50E-5
	CC11	-0.5777	1.7273	-0.6260	6.20E-3	3.26E-3	6.92E-4
	CC12	-0.4936	1.5423	-0.5666	5.51E-3	3.27E-3	1.44E-3
	CC13	0.4355	-1.5138	0.3742	-5.27E-3	-2.78E-3	-1.44E-3
	CC14	0.5195	-1.6987	0.4336	-5.95E-3	-2.77E-3	-6.92E-4
	CC15	-0.1990	-1.5232	0.3860	-5.32E-3	-1.55E-3	2.50E-5
	CC16	-0.1149	-1.7082	0.4454	-6.00E-3	-1.53E-3	7.77E-4
153	CC1	1.0606	0.5852	-0.1939	2.31E-3	1.16E-3	-2.62E-3
	CC2	1.0971	0.4499	-0.1730	1.77E-3	8.45E-4	-2.07E-3
	CC3	1.1833	-0.3899	-0.0445	-9.54E-4	3.48E-4	-2.82E-3
	CC4	1.2198	-0.5252	-0.0236	-1.49E-3	2.94E-5	-2.27E-3
	CC5	-1.2768	0.5538	-0.1576	1.74E-3	4.50E-4	2.27E-3
	CC6	-1.2404	0.4185	-0.1368	1.19E-3	1.31E-4	2.82E-3
	CC7	-1.1541	-0.4213	-0.0083	-1.53E-3	-3.66E-4	2.07E-3
	CC8	-1.1177	-0.5567	0.0126	-2.07E-3	-6.84E-4	2.62E-3
	CC9	0.0927	1.7367	-0.3592	6.02E-3	1.92E-3	-7.77E-4
	CC10	0.1425	1.5517	-0.3307	5.28E-3	1.49E-3	-2.50E-5
	CC11	-0.6085	1.7273	-0.3484	5.84E-3	1.71E-3	6.92E-4
	CC12	-0.5587	1.5423	-0.3198	5.11E-3	1.27E-3	1.44E-3
	CC13	0.5017	-1.5138	0.1386	-4.86E-3	-7.95E-4	-1.44E-3
	CC14	0.5515	-1.6987	0.1671	-5.60E-3	-1.23E-3	-6.92E-4
	CC15	-0.1995	-1.5232	0.1495	-5.04E-3	-1.01E-3	2.50E-5
	CC16	-0.1497	-1.7081	0.1780	-5.78E-3	-1.44E-3	7.77E-4
154	CC1	1.0689	0.6818	-0.1231	3.99E-3	1.79E-3	-2.62E-3
	CC2	1.1036	0.5263	-0.1168	3.18E-3	1.43E-3	-2.07E-3
	CC3	1.1922	-0.2860	-0.0119	1.17E-3	1.06E-3	-2.82E-3
	CC4	1.2269	-0.4415	-0.0056	3.58E-4	6.89E-4	-2.27E-3
	CC5	-1.2838	0.4707	-0.1578	-1.20E-4	-2.24E-4	2.27E-3
	CC6	-1.2491	0.3152	-0.1516	-9.36E-4	-5.94E-4	2.82E-3
	CC7	-1.1605	-0.4971	-0.0466	-2.94E-3	-9.61E-4	2.07E-3
	CC8	-1.1257	-0.6526	-0.0404	-3.75E-3	-1.33E-3	2.62E-3
	CC9	0.0952	1.7656	-0.2661	5.99E-3	2.02E-3	-7.77E-4
	CC10	0.1427	1.5530	-0.2576	4.87E-3	1.51E-3	-2.50E-5
	CC11	-0.6106	1.7022	-0.2765	4.76E-3	1.41E-3	6.92E-4
	CC12	-0.5632	1.4897	-0.2680	3.64E-3	9.05E-4	1.44E-3
	CC13	0.5063	-1.4604	0.1046	-3.40E-3	-4.40E-4	-1.44E-3
	CC14	0.5538	-1.6730	0.1131	-4.52E-3	-9.45E-4	-6.92E-4
	CC15	-0.1995	-1.5238	0.0942	-4.63E-3	-1.05E-3	2.50E-5
	CC16	-0.1520	-1.7363	0.1026	-5.75E-3	-1.55E-3	7.77E-4
155	CC1	0.9590	-0.5752	-0.1304	-3.20E-4	-8.82E-4	-2.55E-3
	CC2	1.0168	-0.4652	-0.0624	-1.14E-4	-8.45E-4	-2.00E-3
	CC3	1.0740	-1.6396	0.2628	6.48E-4	-6.90E-4	-2.75E-3
	CC4	1.1317	-1.5296	0.3308	8.54E-4	-6.53E-4	-2.20E-3
	CC5	-1.1891	1.5772	-0.5396	-1.13E-3	-8.12E-4	2.35E-3
	CC6	-1.1314	1.6872	-0.4716	-9.19E-4	-7.75E-4	2.90E-3
	CC7	-1.0742	0.5128	-0.1465	-1.58E-4	-6.19E-4	2.15E-3
	CC8	-1.0165	0.6229	-0.0785	4.86E-5	-5.82E-4	2.70E-3
	CC9	0.0624	1.3997	-0.7447	-1.77E-3	-1.09E-3	-7.06E-4
	CC10	0.1413	1.5501	-0.6517	-1.49E-3	-1.04E-3	4.67E-5
	CC11	-0.5820	2.0454	-0.8674	-2.01E-3	-1.07E-3	7.64E-4
	CC12	-0.5031	2.1958	-0.7745	-1.73E-3	-1.02E-3	1.52E-3
	CC13	0.4457	-2.1482	0.5657	1.46E-3	-4.48E-4	-1.37E-3
	CC14	0.5246	-1.9978	0.6586	1.74E-3	-3.97E-4	-6.21E-4
	CC15	-0.1988	-1.5025	0.4429	1.22E-3	-4.27E-4	9.68E-5
	CC16	-0.1199	-1.3521	0.5359	1.50E-3	-3.76E-4	8.49E-4
156	CC1	1.0649	-0.5752	-0.1368	1.42E-4	-5.54E-4	-2.57E-3
	CC2	1.0999	-0.4652	-0.0610	2.72E-4	-6.73E-4	-2.02E-3
	CC3	1.1881	-1.6396	0.2891	6.18E-4	-1.10E-3	-2.77E-3
	CC4	1.2231	-1.5296	0.3649	7.49E-4	-1.22E-3	-2.22E-3
	CC5	-1.2853	1.5772	-0.5844	-9.62E-4	-1.46E-4	2.33E-3
	CC6	-1.2503	1.6872	-0.5087	-8.31E-4	-2.66E-4	2.88E-3
	CC7	-1.1621	0.5128	-0.1585	-4.86E-4	-6.90E-4	2.13E-3

	CC8	-1.1271	0.6228	-0.0828	-3.55E-4	-8.10E-4	2.68E-3
	CC9	0.0921	1.3997	-0.8042	-8.24E-4	2.45E-4	-7.21E-4
	CC10	0.1400	1.5501	-0.7007	-6.46E-4	8.12E-5	3.14E-5
	CC11	-0.6129	2.0454	-0.9385	-1.16E-3	3.67E-4	7.49E-4
	CC12	-0.5651	2.1958	-0.8350	-9.77E-4	2.03E-4	1.50E-3
	CC13	0.5029	-2.1482	0.6154	7.64E-4	-1.57E-3	-1.39E-3
	CC14	0.5508	-1.9978	0.7189	9.42E-4	-1.73E-3	-6.36E-4
	CC15	-0.2022	-1.5025	0.4811	4.33E-4	-1.44E-3	8.14E-5
	CC16	-0.1543	-1.3521	0.5846	6.11E-4	-1.61E-3	8.34E-4
157	CC1	0.9467	-0.4676	-0.1638	-8.77E-5	-7.74E-4	-2.58E-3
	CC2	1.0037	-0.3801	-0.0965	-1.66E-5	-8.26E-4	-2.02E-3
	CC3	1.0620	-1.5238	0.2255	1.93E-4	-1.03E-3	-2.78E-3
	CC4	1.1189	-1.4363	0.2927	2.64E-4	-1.08E-3	-2.22E-3
	CC5	-1.2084	1.4843	-0.5626	-4.52E-4	-4.08E-4	2.32E-3
	CC6	-1.1514	1.5719	-0.4954	-3.81E-4	-4.60E-4	2.87E-3
	CC7	-1.0931	0.4282	-0.1733	-1.71E-4	-6.61E-4	2.12E-3
	CC8	-1.0362	0.5157	-0.1061	-9.99E-5	-7.12E-4	2.67E-3
	CC9	0.0475	1.4317	-0.7699	-5.56E-4	-3.42E-4	-7.28E-4
	CC10	0.1254	1.5514	-0.6780	-4.59E-4	-4.13E-4	2.46E-5
	CC11	-0.5990	2.0173	-0.8895	-6.65E-4	-2.32E-4	7.42E-4
	CC12	-0.5212	2.1370	-0.7976	-5.68E-4	-3.03E-4	1.49E-3
	CC13	0.4317	-2.0889	0.5278	3.80E-4	-1.18E-3	-1.40E-3
	CC14	0.5096	-1.9693	0.6197	4.78E-4	-1.25E-3	-6.43E-4
	CC15	-0.2148	-1.5033	0.4081	2.71E-4	-1.07E-3	7.46E-5
	CC16	-0.1370	-1.3837	0.5000	3.68E-4	-1.14E-3	8.27E-4
158	CC1	1.0531	-0.4677	-0.1664	-8.01E-5	-8.30E-4	-2.57E-3
	CC2	1.0873	-0.3801	-0.0960	1.94E-7	-9.23E-4	-2.02E-3
	CC3	1.1766	-1.5238	0.2355	2.62E-4	-1.23E-3	-2.77E-3
	CC4	1.2108	-1.4363	0.3058	3.42E-4	-1.33E-3	-2.22E-3
	CC5	-1.3042	1.4843	-0.5836	-5.38E-4	-1.21E-4	2.33E-3
	CC6	-1.2700	1.5719	-0.5133	-4.58E-4	-2.14E-4	2.88E-3
	CC7	-1.1807	0.4281	-0.1817	-1.96E-4	-5.24E-4	2.13E-3
	CC8	-1.1465	0.5157	-0.1114	-1.16E-4	-6.17E-4	2.68E-3
	CC9	0.0776	1.4317	-0.7941	-6.54E-4	-9.46E-5	-7.26E-4
	CC10	0.1244	1.5513	-0.6980	-5.44E-4	-2.21E-4	2.68E-5
	CC11	-0.6296	2.0173	-0.9193	-7.92E-4	1.18E-4	7.44E-4
	CC12	-0.5828	2.1369	-0.8232	-6.82E-4	-8.86E-6	1.50E-3
	CC13	0.4894	-2.0889	0.5455	4.86E-4	-1.44E-3	-1.39E-3
	CC14	0.5361	-1.9693	0.6416	5.96E-4	-1.56E-3	-6.41E-4
	CC15	-0.2178	-1.5033	0.4203	3.49E-4	-1.23E-3	7.68E-5
	CC16	-0.1710	-1.3837	0.5164	4.58E-4	-1.35E-3	8.29E-4
159	CC1	0.9295	-0.3604	-0.1955	-5.07E-5	-7.22E-4	-2.59E-3
	CC2	0.9869	-0.2954	-0.1308	-1.51E-5	-7.71E-4	-2.04E-3
	CC3	1.0446	-1.4084	0.1818	9.83E-5	-9.38E-4	-2.79E-3
	CC4	1.1020	-1.3433	0.2464	1.34E-4	-9.88E-4	-2.24E-3
	CC5	-1.2212	1.3912	-0.5730	-2.62E-4	-2.89E-4	2.31E-3
	CC6	-1.1638	1.4562	-0.5084	-2.27E-4	-3.38E-4	2.86E-3
	CC7	-1.1061	0.3432	-0.1958	-1.13E-4	-5.05E-4	2.11E-3
	CC8	-1.0487	0.4082	-0.1312	-7.76E-5	-5.54E-4	2.66E-3
	CC9	0.0319	1.4634	-0.7795	-3.05E-4	-3.08E-4	-7.43E-4
	CC10	0.1104	1.5523	-0.6912	-2.56E-4	-3.76E-4	8.90E-6
	CC11	-0.6133	1.9889	-0.8928	-3.68E-4	-1.78E-4	7.26E-4
	CC12	-0.5348	2.0777	-0.8045	-3.20E-4	-2.46E-4	1.48E-3
	CC13	0.4155	-2.0299	0.4779	1.92E-4	-1.03E-3	-1.41E-3
	CC14	0.4940	-1.9410	0.5662	2.40E-4	-1.10E-3	-6.58E-4
	CC15	-0.2297	-1.5044	0.3646	1.28E-4	-9.01E-4	5.90E-5
	CC16	-0.1512	-1.4156	0.4529	1.77E-4	-9.68E-4	8.11E-4
160	CC1	1.0379	-0.3604	-0.1979	-5.74E-5	-6.80E-4	-2.58E-3
	CC2	1.0723	-0.2954	-0.1318	-2.68E-5	-7.51E-4	-2.03E-3
	CC3	1.1614	-1.4084	0.1855	6.38E-5	-9.97E-4	-2.78E-3
	CC4	1.1957	-1.3434	0.2516	9.44E-5	-1.07E-3	-2.23E-3
	CC5	-1.3185	1.3912	-0.5841	-2.54E-4	-1.54E-4	2.32E-3
	CC6	-1.2842	1.4562	-0.5180	-2.23E-4	-2.25E-4	2.87E-3
	CC7	-1.1950	0.3432	-0.2007	-1.33E-4	-4.71E-4	2.12E-3
	CC8	-1.1607	0.4082	-0.1346	-1.02E-4	-5.42E-4	2.67E-3
	CC9	0.0628	1.4634	-0.7925	-2.73E-4	-1.13E-4	-7.35E-4
	CC10	0.1097	1.5523	-0.7021	-2.31E-4	-2.11E-4	1.72E-5
	CC11	-0.6441	1.9889	-0.9083	-3.32E-4	4.43E-5	7.35E-4
	CC12	-0.5972	2.0777	-0.8180	-2.90E-4	-5.30E-5	1.49E-3
	CC13	0.4744	-2.0299	0.4855	1.31E-4	-1.17E-3	-1.40E-3
	CC14	0.5213	-1.9411	0.5758	1.73E-4	-1.27E-3	-6.50E-4
	CC15	-0.2325	-1.5044	0.3696	7.16E-5	-1.01E-3	6.73E-5
	CC16	-0.1856	-1.4156	0.4600	1.14E-4	-1.11E-3	8.20E-4

161	CC1	0.9147	-0.2534	-0.2214	-1.87E-5	-5.04E-4	-2.61E-3
	CC2	0.9728	-0.2109	-0.1596	-3.52E-6	-5.60E-4	-2.05E-3
	CC3	1.0295	-1.2932	0.1433	3.41E-5	-7.54E-4	-2.81E-3
	CC4	1.0876	-1.2507	0.2051	4.93E-5	-8.10E-4	-2.25E-3
	CC5	-1.2297	1.2977	-0.5754	-1.23E-4	-4.72E-5	2.29E-3
	CC6	-1.1716	1.3402	-0.5136	-1.08E-4	-1.04E-4	2.84E-3
	CC7	-1.1149	0.2579	-0.2107	-7.02E-5	-2.97E-4	2.09E-3
	CC8	-1.0568	0.3004	-0.1489	-5.51E-5	-3.53E-4	2.64E-3
	CC9	0.0195	1.4948	-0.7821	-1.20E-4	-4.26E-5	-7.58E-4
	CC10	0.0990	1.5529	-0.6977	-9.89E-5	-1.20E-4	-5.52E-6
	CC11	-0.6238	1.9602	-0.8883	-1.51E-4	9.44E-5	7.12E-4
	CC12	-0.5444	2.0182	-0.8039	-1.30E-4	1.74E-5	1.46E-3
	CC13	0.4022	-1.9712	0.4336	5.64E-5	-8.75E-4	-1.43E-3
	CC14	0.4817	-1.9131	0.5180	7.72E-5	-9.52E-4	-6.73E-4
	CC15	-0.2411	-1.5059	0.3274	2.51E-5	-7.38E-4	4.45E-5
	CC16	-0.1616	-1.4478	0.4118	4.58E-5	-8.15E-4	7.97E-4
162	CC1	1.0252	-0.2534	-0.2225	-4.70E-5	-4.79E-4	-2.59E-3
	CC2	1.0599	-0.2109	-0.1601	-3.27E-5	-5.47E-4	-2.04E-3
	CC3	1.1486	-1.2932	0.1444	3.44E-6	-7.87E-4	-2.79E-3
	CC4	1.1832	-1.2507	0.2068	1.77E-5	-8.55E-4	-2.24E-3
	CC5	-1.3284	1.2977	-0.5809	-1.42E-4	4.54E-5	2.31E-3
	CC6	-1.2938	1.3402	-0.5185	-1.28E-4	-2.32E-5	2.86E-3
	CC7	-1.2051	0.2579	-0.2140	-9.16E-5	-2.62E-4	2.11E-3
	CC8	-1.1704	0.3004	-0.1516	-7.73E-5	-3.31E-4	2.66E-3
	CC9	0.0512	1.4948	-0.7875	-1.42E-4	7.66E-5	-7.45E-4
	CC10	0.0985	1.5529	-0.7021	-1.22E-4	-1.72E-5	7.84E-6
	CC11	-0.6549	1.9602	-0.8950	-1.70E-4	2.34E-4	7.25E-4
	CC12	-0.6076	2.0182	-0.8097	-1.51E-4	1.40E-4	1.48E-3
	CC13	0.4624	-1.9712	0.4356	2.64E-5	-9.50E-4	-1.41E-3
	CC14	0.5097	-1.9131	0.5209	4.59E-5	-1.04E-3	-6.59E-4
	CC15	-0.2437	-1.5059	0.3280	-2.16E-6	-7.93E-4	5.79E-5
	CC16	-0.1964	-1.4478	0.4134	1.74E-5	-8.86E-4	8.10E-4
163	CC1	0.9048	-0.1467	-0.2377	1.49E-5	-2.47E-4	-2.62E-3
	CC2	0.9636	-0.1267	-0.1789	1.87E-5	-3.03E-4	-2.07E-3
	CC3	1.0193	-1.1783	0.1140	6.36E-6	-4.91E-4	-2.82E-3
	CC4	1.0782	-1.1583	0.1728	1.02E-5	-5.47E-4	-2.27E-3
	CC5	-1.2330	1.2040	-0.5675	-3.83E-5	2.15E-4	2.28E-3
	CC6	-1.1741	1.2240	-0.5087	-3.45E-5	1.58E-4	2.83E-3
	CC7	-1.1185	0.1724	-0.2158	-4.68E-5	-2.92E-5	2.08E-3
	CC8	-1.0596	0.1924	-0.1570	-4.30E-5	-8.57E-5	2.63E-3
	CC9	0.0121	1.5259	-0.7743	5.53E-6	2.10E-4	-7.70E-4
	CC10	0.0926	1.5532	-0.6939	1.07E-5	1.32E-4	-1.76E-5
	CC11	-0.6292	1.9312	-0.8732	-1.04E-5	3.48E-4	7.00E-4
	CC12	-0.5488	1.9585	-0.7928	-5.21E-6	2.71E-4	1.45E-3
	CC13	0.3939	-1.9128	0.3982	-2.29E-5	-6.03E-4	-1.44E-3
	CC14	0.4744	-1.8855	0.4785	-1.77E-5	-6.81E-4	-6.85E-4
	CC15	-0.2474	-1.5076	0.2992	-3.88E-5	-4.65E-4	3.25E-5
	CC16	-0.1669	-1.4803	0.3796	-3.36E-5	-5.42E-4	7.85E-4
164	CC1	1.0174	-0.1467	-0.2374	-1.73E-5	-2.12E-4	-2.60E-3
	CC2	1.0524	-0.1267	-0.1785	-1.55E-5	-2.77E-4	-2.05E-3
	CC3	1.1406	-1.1783	0.1137	-3.39E-5	-5.09E-4	-2.80E-3
	CC4	1.1756	-1.1584	0.1727	-3.21E-5	-5.74E-4	-2.25E-3
	CC5	-1.3331	1.2040	-0.5691	-5.33E-5	2.88E-4	2.30E-3
	CC6	-1.2981	1.2240	-0.5102	-5.15E-5	2.23E-4	2.85E-3
	CC7	-1.2098	0.1724	-0.2180	-6.98E-5	-9.49E-6	2.10E-3
	CC8	-1.1748	0.1924	-0.1590	-6.80E-5	-7.45E-5	2.65E-3
	CC9	0.0445	1.5259	-0.7740	-1.09E-5	3.22E-4	-7.55E-4
	CC10	0.0924	1.5532	-0.6934	-8.48E-6	2.33E-4	-2.44E-6
	CC11	-0.6606	1.9312	-0.8735	-2.17E-5	4.72E-4	7.15E-4
	CC12	-0.6128	1.9585	-0.7930	-1.93E-5	3.83E-4	1.47E-3
	CC13	0.4553	-1.9128	0.3965	-6.61E-5	-6.69E-4	-1.42E-3
	CC14	0.5032	-1.8855	0.4771	-6.37E-5	-7.58E-4	-6.70E-4
	CC15	-0.2498	-1.5076	0.2970	-7.69E-5	-5.19E-4	4.76E-5
	CC16	-0.2020	-1.4803	0.3776	-7.45E-5	-6.08E-4	8.00E-4
165	CC1	0.9006	-0.0403	-0.2432	5.53E-5	2.43E-5	-2.63E-3
	CC2	0.9603	-0.0428	-0.1873	4.80E-5	-3.00E-5	-2.08E-3
	CC3	1.0149	-1.0637	0.0962	-3.10E-5	-2.01E-4	-2.83E-3
	CC4	1.0745	-1.0662	0.1521	-3.83E-5	-2.56E-4	-2.28E-3
	CC5	-1.2305	1.1100	-0.5491	4.97E-5	4.72E-4	2.27E-3
	CC6	-1.1708	1.1075	-0.4932	4.24E-5	4.17E-4	2.82E-3
	CC7	-1.1162	0.0866	-0.2097	-3.65E-5	2.46E-4	2.07E-3
	CC8	-1.0566	0.0841	-0.1538	-4.38E-5	1.91E-4	2.62E-3
	CC9	0.0105	1.5568	-0.7565	1.55E-4	4.54E-4	-7.80E-4

	CC10	0.0920	1.5533	-0.6801	1.45E-4	3.80E-4	-2.81E-5
	CC11	-0.6288	1.9019	-0.8483	1.54E-4	5.88E-4	6.89E-4
	CC12	-0.5473	1.8984	-0.7719	1.44E-4	5.14E-4	1.44E-3
	CC13	0.3914	-1.8546	0.3749	-1.32E-4	-2.98E-4	-1.45E-3
	CC14	0.4729	-1.8581	0.4513	-1.42E-4	-3.73E-4	-6.95E-4
	CC15	-0.2479	-1.5095	0.2831	-1.34E-4	-1.64E-4	2.20E-5
	CC16	-0.1664	-1.5130	0.3595	-1.44E-4	-2.38E-4	7.74E-4
166	CC1	1.0153	-0.0403	-0.2410	2.23E-5	7.31E-5	-2.61E-3
	CC2	1.0507	-0.0428	-0.1854	1.34E-5	7.41E-6	-2.06E-3
	CC3	1.1384	-1.0637	0.0944	-6.77E-5	-2.36E-4	-2.81E-3
	CC4	1.1738	-1.0663	0.1499	-7.65E-5	-3.02E-4	-2.26E-3
	CC5	-1.3318	1.1100	-0.5467	3.33E-5	5.64E-4	2.29E-3
	CC6	-1.2965	1.1075	-0.4912	2.45E-5	4.98E-4	2.84E-3
	CC7	-1.2087	0.0866	-0.2113	-5.66E-5	2.55E-4	2.09E-3
	CC8	-1.1733	0.0841	-0.1558	-6.55E-5	1.89E-4	2.64E-3
	CC9	0.0437	1.5568	-0.7494	1.33E-4	6.18E-4	-7.66E-4
	CC10	0.0920	1.5533	-0.6735	1.21E-4	5.28E-4	-1.36E-5
	CC11	-0.6604	1.9019	-0.8411	1.36E-4	7.65E-4	7.04E-4
	CC12	-0.6121	1.8984	-0.7652	1.24E-4	6.75E-4	1.46E-3
	CC13	0.4541	-1.8546	0.3684	-1.67E-4	-4.13E-4	-1.43E-3
	CC14	0.5024	-1.8581	0.4443	-1.79E-4	-5.03E-4	-6.81E-4
	CC15	-0.2501	-1.5095	0.2767	-1.64E-4	-2.66E-4	3.64E-5
	CC16	-0.2017	-1.5130	0.3526	-1.76E-4	-3.56E-4	7.89E-4
167	CC1	0.9021	0.0659	-0.2386	1.18E-4	2.47E-4	-2.64E-3
	CC2	0.9625	0.0409	-0.1855	9.27E-5	1.97E-4	-2.09E-3
	CC3	1.0161	-0.9493	0.0901	-1.07E-4	6.09E-5	-2.84E-3
	CC4	1.0765	-0.9744	0.1433	-1.33E-4	1.08E-5	-2.29E-3
	CC5	-1.2223	1.0158	-0.5213	1.79E-4	6.96E-4	2.26E-3
	CC6	-1.1619	0.9907	-0.4681	1.54E-4	6.46E-4	2.81E-3
	CC7	-1.1083	0.0006	-0.1925	-4.59E-5	5.09E-4	2.06E-3
	CC8	-1.0479	-0.0245	-0.1393	-7.15E-5	4.59E-4	2.61E-3
	CC9	0.0145	1.5874	-0.7309	4.07E-4	6.31E-4	-7.90E-4
	CC10	0.0970	1.5532	-0.6582	3.72E-4	5.63E-4	-3.74E-5
	CC11	-0.6228	1.8724	-0.8156	4.26E-4	7.66E-4	6.80E-4
	CC12	-0.5403	1.8381	-0.7430	3.91E-4	6.97E-4	1.43E-3
	CC13	0.3945	-1.7967	0.3650	-3.44E-4	9.45E-6	-1.46E-3
	CC14	0.4771	-1.8310	0.4376	-3.79E-4	-5.91E-5	-7.05E-4
	CC15	-0.2428	-1.5117	0.2802	-3.26E-4	1.44E-4	1.27E-5
	CC16	-0.1603	-1.5460	0.3529	-3.60E-4	7.55E-5	7.65E-4
168	CC1	1.0189	0.0659	-0.2334	9.18E-5	3.23E-4	-2.63E-3
	CC2	1.0546	0.0408	-0.1814	6.57E-5	2.53E-4	-2.08E-3
	CC3	1.1418	-0.9493	0.0850	-1.31E-4	-2.71E-5	-2.83E-3
	CC4	1.1776	-0.9744	0.1370	-1.57E-4	-9.69E-5	-2.28E-3
	CC5	-1.3249	1.0158	-0.5127	1.61E-4	8.52E-4	2.27E-3
	CC6	-1.2892	0.9907	-0.4607	1.35E-4	7.82E-4	2.82E-3
	CC7	-1.2019	0.0006	-0.1944	-6.19E-5	5.02E-4	2.07E-3
	CC8	-1.1662	-0.0245	-0.1424	-8.80E-5	4.32E-4	2.62E-3
	CC9	0.0485	1.5874	-0.7121	3.80E-4	9.29E-4	-7.78E-4
	CC10	0.0974	1.5532	-0.6410	3.45E-4	8.34E-4	-2.60E-5
	CC11	-0.6546	1.8724	-0.7959	4.01E-4	1.09E-3	6.91E-4
	CC12	-0.6058	1.8381	-0.7248	3.65E-4	9.92E-4	1.44E-3
	CC13	0.4584	-1.7967	0.3491	-3.62E-4	-2.37E-4	-1.45E-3
	CC14	0.5073	-1.8310	0.4201	-3.97E-4	-3.33E-4	-6.93E-4
	CC15	-0.2447	-1.5117	0.2653	-3.41E-4	-7.87E-5	2.40E-5
	CC16	-0.1959	-1.5460	0.3363	-3.76E-4	-1.74E-4	7.76E-4
169	CC1	0.9082	0.1719	-0.2260	2.26E-4	4.41E-4	-2.65E-3
	CC2	0.9693	0.1243	-0.1751	1.69E-4	4.05E-4	-2.10E-3
	CC3	1.0219	-0.8351	0.0956	-2.64E-4	3.47E-4	-2.85E-3
	CC4	1.0831	-0.8827	0.1465	-3.21E-4	3.11E-4	-2.30E-3
	CC5	-1.2095	0.9214	-0.4881	4.02E-4	7.51E-4	2.25E-3
	CC6	-1.1484	0.8738	-0.4372	3.45E-4	7.15E-4	2.80E-3
	CC7	-1.0958	-0.0857	-0.1665	-8.88E-5	6.57E-4	2.05E-3
	CC8	-1.0347	-0.1333	-0.1156	-1.46E-4	6.21E-4	2.60E-3
	CC9	0.0231	1.6178	-0.7023	8.71E-4	6.66E-4	-7.99E-4
	CC10	0.1067	1.5528	-0.6327	7.93E-4	6.17E-4	-4.63E-5
	CC11	-0.6122	1.8427	-0.7809	9.23E-4	7.59E-4	6.71E-4
	CC12	-0.5287	1.7776	-0.7113	8.45E-4	7.10E-4	1.42E-3
	CC13	0.4022	-1.7390	0.3697	-7.65E-4	3.52E-4	-1.47E-3
	CC14	0.4858	-1.8040	0.4393	-8.43E-4	3.03E-4	-7.14E-4
	CC15	-0.2331	-1.5142	0.2911	-7.12E-4	4.45E-4	3.77E-6
	CC16	-0.1496	-1.5792	0.3607	-7.90E-4	3.96E-4	7.56E-4
170	CC1	1.0270	0.1719	-0.2152	1.91E-4	5.89E-4	-2.64E-3
	CC2	1.0632	0.1243	-0.1670	1.35E-4	5.11E-4	-2.09E-3

	CC3	1.1499	-0.8352	0.0834	-2.82E-4	1.76E-4	-2.84E-3
	CC4	1.1860	-0.8828	0.1316	-3.39E-4	9.88E-5	-2.29E-3
	CC5	-1.3134	0.9213	-0.4688	3.95E-4	1.01E-3	2.26E-3
	CC6	-1.2773	0.8738	-0.4206	3.38E-4	9.37E-4	2.81E-3
	CC7	-1.1906	-0.0857	-0.1701	-7.87E-5	6.02E-4	2.06E-3
	CC8	-1.1544	-0.1333	-0.1219	-1.35E-4	5.25E-4	2.61E-3
	CC9	0.0580	1.6178	-0.6612	8.25E-4	1.23E-3	-7.92E-4
	CC10	0.1073	1.5528	-0.5954	7.48E-4	1.13E-3	-3.98E-5
	CC11	-0.6442	1.8427	-0.7373	8.86E-4	1.36E-3	6.78E-4
	CC12	-0.5948	1.7776	-0.6714	8.09E-4	1.25E-3	1.43E-3
	CC13	0.4674	-1.7390	0.3343	-7.53E-4	-1.41E-4	-1.46E-3
	CC14	0.5168	-1.8041	0.4001	-8.30E-4	-2.48E-4	-7.07E-4
	CC15	-0.2347	-1.5142	0.2582	-6.92E-4	-1.37E-5	1.02E-5
	CC16	-0.1854	-1.5792	0.3241	-7.69E-4	-1.20E-4	7.63E-4
171	CC1	0.9167	0.2777	-0.2126	4.17E-4	2.73E-4	-2.66E-3
	CC2	0.9787	0.2076	-0.1632	2.92E-4	2.40E-4	-2.11E-3
	CC3	1.0302	-0.7212	0.1082	-6.09E-4	3.00E-4	-2.86E-3
	CC4	1.0921	-0.7913	0.1576	-7.34E-4	2.67E-4	-2.31E-3
	CC5	-1.1938	0.8267	-0.4525	8.52E-4	9.38E-4	2.24E-3
	CC6	-1.1319	0.7566	-0.4032	7.27E-4	9.05E-4	2.79E-3
	CC7	-1.0804	-0.1721	-0.1317	-1.74E-4	9.65E-4	2.04E-3
	CC8	-1.0185	-0.2422	-0.0824	-2.99E-4	9.32E-4	2.59E-3
	CC9	0.0343	1.6480	-0.6799	1.79E-3	4.81E-4	-8.09E-4
	CC10	0.1190	1.5522	-0.6124	1.62E-3	4.36E-4	-5.61E-5
	CC11	-0.5988	1.8127	-0.7519	1.92E-3	6.81E-4	6.61E-4
	CC12	-0.5142	1.7169	-0.6844	1.75E-3	6.35E-4	1.41E-3
	CC13	0.4124	-1.6815	0.3895	-1.63E-3	5.70E-4	-1.48E-3
	CC14	0.4971	-1.7773	0.4569	-1.80E-3	5.24E-4	-7.23E-4
	CC15	-0.2207	-1.5168	0.3175	-1.50E-3	7.69E-4	-6.10E-6
	CC16	-0.1361	-1.6126	0.3849	-1.67E-3	7.24E-4	7.46E-4
172	CC1	1.0374	0.2776	-0.1925	4.36E-4	4.74E-4	-2.65E-3
	CC2	1.0740	0.2075	-0.1489	3.14E-4	3.72E-4	-2.10E-3
	CC3	1.1600	-0.7212	0.0801	-5.60E-4	-1.66E-4	-2.85E-3
	CC4	1.1966	-0.7913	0.1237	-6.82E-4	-2.68E-4	-2.30E-3
	CC5	-1.2985	0.8267	-0.4119	7.93E-4	1.53E-3	2.25E-3
	CC6	-1.2619	0.7566	-0.3682	6.71E-4	1.43E-3	2.80E-3
	CC7	-1.1759	-0.1722	-0.1392	-2.03E-4	8.93E-4	2.04E-3
	CC8	-1.1393	-0.2423	-0.0956	-3.25E-4	7.90E-4	2.60E-3
	CC9	0.0700	1.6480	-0.5953	1.75E-3	1.61E-3	-8.07E-4
	CC10	0.1200	1.5522	-0.5357	1.58E-3	1.47E-3	-5.44E-5
	CC11	-0.6308	1.8127	-0.6611	1.85E-3	1.93E-3	6.63E-4
	CC12	-0.5807	1.7169	-0.6015	1.69E-3	1.79E-3	1.42E-3
	CC13	0.4788	-1.6815	0.3134	-1.57E-3	-5.23E-4	-1.47E-3
	CC14	0.5289	-1.7773	0.3730	-1.74E-3	-6.63E-4	-7.22E-4
	CC15	-0.2220	-1.5168	0.2476	-1.47E-3	-2.05E-4	-4.37E-6
	CC16	-0.1719	-1.6126	0.3072	-1.63E-3	-3.46E-4	7.48E-4
173	CC1	1.0473	0.3832	-0.1540	6.95E-4	1.59E-3	-2.67E-3
	CC2	1.0846	0.2906	-0.1162	4.61E-4	1.47E-3	-2.12E-3
	CC3	1.1698	-0.6075	0.0827	-1.30E-3	8.22E-4	-2.87E-3
	CC4	1.2070	-0.7001	0.1204	-1.53E-3	6.95E-4	-2.32E-3
	CC5	-1.2832	0.7318	-0.3591	1.69E-3	4.36E-4	2.23E-3
	CC6	-1.2459	0.6392	-0.3213	1.46E-3	3.09E-4	2.78E-3
	CC7	-1.1607	-0.2588	-0.1225	-3.04E-4	-3.35E-4	2.03E-3
	CC8	-1.1235	-0.3515	-0.0847	-5.38E-4	-4.61E-4	2.58E-3
	CC9	0.0820	1.6780	-0.5087	3.41E-3	2.11E-3	-8.19E-4
	CC10	0.1329	1.5514	-0.4571	3.09E-3	1.94E-3	-6.66E-5
	CC11	-0.6171	1.7826	-0.5703	3.71E-3	1.76E-3	6.51E-4
	CC12	-0.5663	1.6560	-0.5186	3.39E-3	1.59E-3	1.40E-3
	CC13	0.4901	-1.6242	0.2800	-3.23E-3	-4.58E-4	-1.49E-3
	CC14	0.5410	-1.7508	0.3316	-3.55E-3	-6.32E-4	-7.34E-4
	CC15	-0.2091	-1.5197	0.2184	-2.93E-3	-8.06E-4	-1.66E-5
	CC16	-0.1582	-1.6463	0.2701	-3.25E-3	-9.79E-4	7.36E-4
174	CC1	0.9231	0.3833	-0.1949	8.72E-4	9.14E-4	-2.67E-3
	CC2	0.9863	0.2906	-0.1444	5.97E-4	9.98E-4	-2.12E-3
	CC3	1.0360	-0.6074	0.1431	-1.31E-3	1.49E-3	-2.87E-3
	CC4	1.0993	-0.7000	0.1936	-1.59E-3	1.57E-3	-2.32E-3
	CC5	-1.1761	0.7319	-0.4416	1.75E-3	-4.86E-4	2.23E-3
	CC6	-1.1128	0.6393	-0.3911	1.47E-3	-4.02E-4	2.78E-3
	CC7	-1.0631	-0.2588	-0.1035	-4.35E-4	8.74E-5	2.03E-3
	CC8	-0.9999	-0.3514	-0.0531	-7.11E-4	1.71E-4	2.58E-3
	CC9	0.0450	1.6780	-0.6848	3.78E-3	-2.61E-4	-8.20E-4
	CC10	0.1314	1.5514	-0.6158	3.40E-3	-1.46E-4	-6.78E-5
	CC11	-0.5848	1.7826	-0.7588	4.04E-3	-6.80E-4	6.50E-4

	CC12	-0.4983	1.6560	-0.6898	3.66E-3	-5.66E-4	1.40E-3
	CC13	0.4216	-1.6242	0.4419	-3.50E-3	1.65E-3	-1.49E-3
	CC14	0.5080	-1.7508	0.5109	-3.88E-3	1.77E-3	-7.35E-4
	CC15	-0.2082	-1.5196	0.3679	-3.24E-3	1.23E-3	-1.78E-5
	CC16	-0.1218	-1.6462	0.4369	-3.61E-3	1.35E-3	7.35E-4
175	CC1	1.2253	-0.8874	0.1043	4.40E-3	-8.96E-4	-2.62E-3
	CC2	1.2292	-0.7115	0.1722	3.55E-3	-8.62E-4	-2.07E-3
	CC3	1.3599	-1.9758	0.4582	-6.20E-4	-8.17E-4	-2.82E-3
	CC4	1.3638	-1.7998	0.5262	-1.47E-3	-7.83E-4	-2.27E-3
	CC5	-1.4021	1.8512	-0.6318	1.54E-3	2.11E-5	2.27E-3
	CC6	-1.3982	2.0271	-0.5639	6.92E-4	5.54E-5	2.82E-3
	CC7	-1.2675	0.7629	-0.2779	-3.47E-3	1.00E-4	2.07E-3
	CC8	-1.2637	0.9388	-0.2099	-4.33E-3	1.35E-4	2.62E-3
	CC9	0.1480	1.3085	-0.5788	9.41E-3	-6.74E-4	-7.77E-4
	CC10	0.1533	1.5490	-0.4859	8.24E-3	-6.27E-4	-2.50E-5
	CC11	-0.6402	2.1301	-0.7996	8.55E-3	-3.99E-4	6.92E-4
	CC12	-0.6349	2.3706	-0.7067	7.39E-3	-3.52E-4	1.44E-3
	CC13	0.5966	-2.3192	0.6011	-7.32E-3	-4.10E-4	-1.44E-3
	CC14	0.6019	-2.0788	0.6940	-8.48E-3	-3.63E-4	-6.92E-4
	CC15	-0.1917	-1.4976	0.3803	-8.17E-3	-1.35E-4	2.50E-5
	CC16	-0.1864	-1.2572	0.4731	-9.34E-3	-8.78E-5	7.77E-4
176	CC1	1.2139	-0.8193	0.0562	4.23E-3	-1.27E-3	-2.62E-3
	CC2	1.2202	-0.6578	0.1303	3.48E-3	-1.13E-3	-2.07E-3
	CC3	1.3476	-1.9024	0.4426	-2.93E-4	-5.96E-4	-2.82E-3
	CC4	1.3539	-1.7409	0.5167	-1.04E-3	-4.56E-4	-2.27E-3
	CC5	-1.3921	1.7907	-0.6433	1.11E-3	-3.64E-4	2.27E-3
	CC6	-1.3858	1.9522	-0.5692	3.60E-4	-2.24E-4	2.82E-3
	CC7	-1.2584	0.7076	-0.2569	-3.41E-3	3.14E-4	2.07E-3
	CC8	-1.2521	0.8691	-0.1829	-4.16E-3	4.54E-4	2.62E-3
	CC9	0.1447	1.3282	-0.6529	8.55E-3	-1.77E-3	-7.77E-4
	CC10	0.1533	1.5489	-0.5517	7.53E-3	-1.58E-3	-2.50E-5
	CC11	-0.6371	2.1112	-0.8628	7.62E-3	-1.50E-3	6.92E-4
	CC12	-0.6285	2.3319	-0.7616	6.59E-3	-1.31E-3	1.44E-3
	CC13	0.5903	-2.2821	0.6349	-6.53E-3	4.87E-4	-1.44E-3
	CC14	0.5989	-2.0614	0.7362	-7.55E-3	6.79E-4	-6.92E-4
	CC15	-0.1915	-1.4991	0.4251	-7.46E-3	7.60E-4	2.50E-5
	CC16	-0.1829	-1.2784	0.5263	-8.49E-3	9.52E-4	7.77E-4
177	CC1	1.2025	-0.7512	-0.0032	4.01E-3	-1.73E-3	-2.62E-3
	CC2	1.2112	-0.6042	0.0793	3.40E-3	-1.51E-3	-2.07E-3
	CC3	1.3353	-1.8290	0.4301	1.29E-4	-5.31E-4	-2.82E-3
	CC4	1.3440	-1.6820	0.5127	-4.86E-4	-3.11E-4	-2.27E-3
	CC5	-1.3821	1.7302	-0.6625	5.48E-4	-6.19E-4	2.27E-3
	CC6	-1.3734	1.8773	-0.5799	-6.72E-5	-3.98E-4	2.82E-3
	CC7	-1.2493	0.6524	-0.2291	-3.34E-3	5.83E-4	2.07E-3
	CC8	-1.2406	0.7994	-0.1466	-3.95E-3	8.03E-4	2.62E-3
	CC9	0.1414	1.3478	-0.7547	7.45E-3	-2.78E-3	-7.77E-4
	CC10	0.1532	1.5487	-0.6419	6.61E-3	-2.48E-3	-2.50E-5
	CC11	-0.6340	2.0922	-0.9525	6.41E-3	-2.45E-3	6.92E-4
	CC12	-0.6221	2.2932	-0.8396	5.57E-3	-2.15E-3	1.44E-3
	CC13	0.5840	-2.2449	0.6898	-5.50E-3	1.22E-3	-1.44E-3
	CC14	0.5959	-2.0440	0.8026	-6.35E-3	1.52E-3	-6.92E-4
	CC15	-0.1913	-1.5005	0.4921	-6.54E-3	1.55E-3	2.50E-5
	CC16	-0.1795	-1.2996	0.6049	-7.39E-3	1.86E-3	7.77E-4
178	CC1	0.9637	-0.8532	-0.1050	2.62E-4	-6.95E-5	-2.62E-3
	CC2	1.0231	-0.6845	-0.0243	5.29E-4	-2.87E-4	-2.07E-3
	CC3	1.0780	-1.9389	0.3608	1.27E-3	-1.28E-3	-2.82E-3
	CC4	1.1374	-1.7702	0.4415	1.54E-3	-1.50E-3	-2.27E-3
	CC5	-1.1693	1.8212	-0.5485	-1.73E-3	7.57E-4	2.27E-3
	CC6	-1.1098	1.9899	-0.4678	-1.47E-3	5.39E-4	2.82E-3
	CC7	-1.0549	0.7354	-0.0827	-7.21E-4	-4.51E-4	2.07E-3
	CC8	-0.9955	0.9042	-0.0020	-4.53E-4	-6.69E-4	2.62E-3
	CC9	0.0728	1.3186	-0.8185	-1.67E-3	1.67E-3	-7.77E-4
	CC10	0.1541	1.5491	-0.7082	-1.30E-3	1.37E-3	-2.50E-5
	CC11	-0.5671	2.1209	-0.9515	-2.27E-3	1.92E-3	6.92E-4
	CC12	-0.4858	2.3514	-0.8412	-1.90E-3	1.62E-3	1.44E-3
	CC13	0.4540	-2.3005	0.7342	1.71E-3	-2.36E-3	-1.44E-3
	CC14	0.5352	-2.0699	0.8445	2.07E-3	-2.66E-3	-6.92E-4
	CC15	-0.1859	-1.4982	0.6012	1.11E-3	-2.11E-3	2.50E-5
	CC16	-0.1046	-1.2676	0.7115	1.48E-3	-2.41E-3	7.77E-4
179	CC1	1.0469	-0.8419	-0.0893	9.13E-4	-5.48E-4	-2.62E-3
	CC2	1.0887	-0.6756	-0.0020	1.07E-3	-6.71E-4	-2.07E-3
	CC3	1.1677	-1.9267	0.3981	1.35E-3	-1.24E-3	-2.82E-3
	CC4	1.2095	-1.7604	0.4854	1.51E-3	-1.36E-3	-2.27E-3

	CC5	-1.2437	1.8110	-0.6013	-1.66E-3	5.91E-4	2.27E-3
	CC6	-1.2019	1.9773	-0.5140	-1.50E-3	4.68E-4	2.82E-3
	CC7	-1.1229	0.7262	-0.1139	-1.23E-3	-1.01E-4	2.07E-3
	CC8	-1.0812	0.8925	-0.0266	-1.07E-3	-2.24E-4	2.62E-3
	CC9	0.0967	1.3218	-0.8531	-5.29E-4	6.80E-4	-7.77E-4
	CC10	0.1537	1.5491	-0.7338	-3.10E-4	5.12E-4	-2.50E-5
	CC11	-0.5905	2.1176	-1.0067	-1.30E-3	1.02E-3	6.92E-4
	CC12	-0.5335	2.3449	-0.8874	-1.08E-3	8.54E-4	1.44E-3
	CC13	0.4993	-2.2943	0.7715	9.30E-4	-1.63E-3	-1.44E-3
	CC14	0.5563	-2.0670	0.8908	1.15E-3	-1.79E-3	-6.92E-4
	CC15	-0.1879	-1.4984	0.6179	1.57E-4	-1.28E-3	2.50E-5
	CC16	-0.1309	-1.2712	0.7372	3.76E-4	-1.45E-3	7.77E-4
180	CC1	1.1338	-0.8303	-0.0405	2.34E-3	-1.08E-3	-2.62E-3
	CC2	1.1570	-0.6665	0.0472	2.17E-3	-1.05E-3	-2.07E-3
	CC3	1.2613	-1.9143	0.4342	9.51E-4	-9.50E-4	-2.82E-3
	CC4	1.2845	-1.7504	0.5220	7.78E-4	-9.22E-4	-2.27E-3
	CC5	-1.3210	1.8006	-0.6451	-8.43E-4	1.11E-4	2.27E-3
	CC6	-1.2977	1.9644	-0.5574	-1.02E-3	1.40E-4	2.82E-3
	CC7	-1.1935	0.7167	-0.1704	-2.23E-3	2.41E-4	2.07E-3
	CC8	-1.1702	0.8805	-0.0826	-2.41E-3	2.69E-4	2.62E-3
	CC9	0.1216	1.3250	-0.8221	2.88E-3	-8.18E-4	-7.77E-4
	CC10	0.1534	1.5489	-0.7022	2.64E-3	-7.80E-4	-2.50E-5
	CC11	-0.6149	2.1143	-1.0035	1.93E-3	-4.61E-4	6.92E-4
	CC12	-0.5831	2.3382	-0.8836	1.69E-3	-4.23E-4	1.44E-3
	CC13	0.5466	-2.2881	0.7604	-1.75E-3	-3.88E-4	-1.44E-3
	CC14	0.5784	-2.0642	0.8803	-1.99E-3	-3.49E-4	-6.92E-4
	CC15	-0.1898	-1.4988	0.5791	-2.71E-3	-3.06E-5	2.50E-5
	CC16	-0.1580	-1.2749	0.6990	-2.95E-3	8.13E-6	7.77E-4
181	CC1	1.0565	-0.7360	-0.1127	2.71E-4	-6.24E-4	-2.62E-3
	CC2	1.0962	-0.5922	-0.0295	5.85E-4	-7.58E-4	-2.07E-3
	CC3	1.1781	-1.8127	0.3505	1.59E-3	-1.31E-3	-2.82E-3
	CC4	1.2177	-1.6689	0.4336	1.90E-3	-1.45E-3	-2.27E-3
	CC5	-1.2525	1.7168	-0.5834	-2.11E-3	5.60E-4	2.27E-3
	CC6	-1.2128	1.8606	-0.5002	-1.80E-3	4.26E-4	2.82E-3
	CC7	-1.1309	0.6402	-0.1202	-7.98E-4	-1.30E-4	2.07E-3
	CC8	-1.0913	0.7840	-0.0371	-4.84E-4	-2.64E-4	2.62E-3
	CC9	0.0993	1.3522	-0.8330	-2.16E-3	6.19E-4	-7.77E-4
	CC10	0.1535	1.5487	-0.7193	-1.73E-3	4.36E-4	-2.50E-5
	CC11	-0.5934	2.0880	-0.9742	-2.87E-3	9.74E-4	6.92E-4
	CC12	-0.5392	2.2846	-0.8605	-2.45E-3	7.91E-4	1.44E-3
	CC13	0.5045	-2.2367	0.7108	2.23E-3	-1.68E-3	-1.44E-3
	CC14	0.5587	-2.0401	0.8245	2.66E-3	-1.86E-3	-6.92E-4
	CC15	-0.1882	-1.5008	0.5696	1.52E-3	-1.32E-3	2.50E-5
	CC16	-0.1340	-1.3042	0.6833	1.95E-3	-1.51E-3	7.77E-4
182	CC1	1.0518	-0.7890	-0.1000	5.92E-4	-6.42E-4	-2.62E-3
	CC2	1.0924	-0.6339	-0.0149	8.32E-4	-7.56E-4	-2.07E-3
	CC3	1.1729	-1.8697	0.3746	1.47E-3	-1.26E-3	-2.82E-3
	CC4	1.2136	-1.7146	0.4598	1.71E-3	-1.38E-3	-2.27E-3
	CC5	-1.2480	1.7639	-0.5921	-1.89E-3	5.67E-4	2.27E-3
	CC6	-1.2074	1.9190	-0.5069	-1.65E-3	4.54E-4	2.82E-3
	CC7	-1.1269	0.6832	-0.1174	-1.00E-3	-5.54E-5	2.07E-3
	CC8	-1.0862	0.8382	-0.0322	-7.65E-4	-1.69E-4	2.62E-3
	CC9	0.0980	1.3370	-0.8417	-1.35E-3	5.29E-4	-7.77E-4
	CC10	0.1536	1.5489	-0.7253	-1.02E-3	3.73E-4	-2.50E-5
	CC11	-0.5919	2.1028	-0.9893	-2.09E-3	8.92E-4	6.92E-4
	CC12	-0.5363	2.3148	-0.8729	-1.76E-3	7.36E-4	1.44E-3
	CC13	0.5019	-2.2655	0.7406	1.59E-3	-1.55E-3	-1.44E-3
	CC14	0.5575	-2.0536	0.8570	1.92E-3	-1.70E-3	-6.92E-4
	CC15	-0.1880	-1.4996	0.5930	8.46E-4	-1.18E-3	2.50E-5
	CC16	-0.1324	-1.2877	0.7094	1.17E-3	-1.34E-3	7.77E-4
183	CC1	0.9661	-0.7814	-0.1063	-1.63E-4	-6.15E-6	-2.62E-3
	CC2	1.0250	-0.6279	-0.0317	1.64E-4	-2.35E-4	-2.07E-3
	CC3	1.0807	-1.8615	0.3251	1.17E-3	-1.28E-3	-2.82E-3
	CC4	1.1396	-1.7081	0.3997	1.50E-3	-1.50E-3	-2.27E-3
	CC5	-1.1714	1.7572	-0.5278	-1.72E-3	7.27E-4	2.27E-3
	CC6	-1.1125	1.9107	-0.4532	-1.39E-3	4.99E-4	2.82E-3
	CC7	-1.0569	0.6771	-0.0963	-3.82E-4	-5.42E-4	2.07E-3
	CC8	-0.9979	0.8305	-0.0217	-5.50E-5	-7.71E-4	2.62E-3
	CC9	0.0735	1.3392	-0.7709	-2.33E-3	1.77E-3	-7.77E-4
	CC10	0.1541	1.5489	-0.6690	-1.88E-3	1.46E-3	-2.50E-5
	CC11	-0.5677	2.1008	-0.8974	-2.80E-3	1.99E-3	6.92E-4
	CC12	-0.4872	2.3105	-0.7954	-2.35E-3	1.68E-3	1.44E-3
	CC13	0.4553	-2.2613	0.6674	2.13E-3	-2.46E-3	-1.44E-3

	CC14	0.5359	-2.0516	0.7693	2.58E-3	-2.77E-3	-6.92E-4
	CC15	-0.1859	-1.4998	0.5409	1.66E-3	-2.24E-3	2.50E-5
	CC16	-0.1054	-1.2900	0.6429	2.11E-3	-2.55E-3	7.77E-4
184	CC1	0.9492	-0.7323	-0.1021	-6.06E-4	1.17E-4	-2.62E-3
	CC2	1.0117	-0.5893	-0.0344	-2.45E-4	-8.37E-5	-2.07E-3
	CC3	1.0624	-1.8086	0.2943	9.15E-4	-1.02E-3	-2.82E-3
	CC4	1.1249	-1.6656	0.3620	1.28E-3	-1.22E-3	-2.27E-3
	CC5	-1.1562	1.7134	-0.5034	-1.53E-3	4.22E-4	2.27E-3
	CC6	-1.0936	1.8564	-0.4357	-1.17E-3	2.21E-4	2.82E-3
	CC7	-1.0429	0.6371	-0.1070	-9.10E-6	-7.15E-4	2.07E-3
	CC8	-0.9804	0.7801	-0.0393	3.51E-4	-9.16E-4	2.62E-3
	CC9	0.0687	1.3532	-0.7174	-2.77E-3	1.59E-3	-7.77E-4
	CC10	0.1542	1.5487	-0.6248	-2.28E-3	1.31E-3	-2.50E-5
	CC11	-0.5629	2.0870	-0.8378	-3.05E-3	1.68E-3	6.92E-4
	CC12	-0.4774	2.2824	-0.7452	-2.55E-3	1.40E-3	1.44E-3
	CC13	0.4462	-2.2346	0.6038	2.30E-3	-2.20E-3	-1.44E-3
	CC14	0.5316	-2.0392	0.6964	2.79E-3	-2.48E-3	-6.92E-4
	CC15	-0.1854	-1.5009	0.4834	2.02E-3	-2.11E-3	2.50E-5
	CC16	-0.1000	-1.3055	0.5760	2.52E-3	-2.39E-3	7.77E-4
185	CC1	1.3118	-0.7506	0.2221	6.54E-3	-1.08E-3	-2.62E-3
	CC2	1.2974	-0.6037	0.2580	4.96E-3	-9.57E-4	-2.07E-3
	CC3	1.4531	-1.8283	0.3811	-2.47E-3	-5.91E-4	-2.82E-3
	CC4	1.4386	-1.6814	0.4170	-4.05E-3	-4.70E-4	-2.27E-3
	CC5	-1.4785	1.7297	-0.5599	4.33E-3	-3.85E-4	2.27E-3
	CC6	-1.4929	1.8765	-0.5240	2.75E-3	-2.64E-4	2.82E-3
	CC7	-1.3373	0.6519	-0.4009	-4.69E-3	1.02E-4	2.07E-3
	CC8	-1.3517	0.7988	-0.3650	-6.27E-3	2.23E-4	2.62E-3
	CC9	0.1731	1.3480	-0.2436	1.66E-2	-1.43E-3	-7.77E-4
	CC10	0.1534	1.5487	-0.1945	1.44E-2	-1.26E-3	-2.50E-5
	CC11	-0.6640	2.0920	-0.4782	1.59E-2	-1.22E-3	6.92E-4
	CC12	-0.6837	2.2928	-0.4291	1.38E-2	-1.05E-3	1.44E-3
	CC13	0.6438	-2.2446	0.2862	-1.35E-2	1.97E-4	-1.44E-3
	CC14	0.6241	-2.0438	0.3353	-1.56E-2	3.63E-4	-6.92E-4
	CC15	-0.1933	-1.5005	0.0516	-1.41E-2	4.05E-4	2.50E-5
	CC16	-0.2130	-1.2998	0.1007	-1.63E-2	5.71E-4	7.77E-4
186	CC1	1.3285	-0.8178	0.2884	6.23E-3	-8.20E-4	-2.62E-3
	CC2	1.3106	-0.6567	0.3115	4.69E-3	-7.71E-4	-2.07E-3
	CC3	1.4711	-1.9008	0.3797	-2.54E-3	-7.18E-4	-2.82E-3
	CC4	1.4531	-1.7396	0.4028	-4.09E-3	-6.69E-4	-2.27E-3
	CC5	-1.4934	1.7893	-0.5230	4.33E-3	-9.87E-5	2.27E-3
	CC6	-1.5113	1.9505	-0.4999	2.78E-3	-4.92E-5	2.82E-3
	CC7	-1.3508	0.7064	-0.4317	-4.45E-3	3.41E-6	2.07E-3
	CC8	-1.3688	0.8675	-0.4086	-5.99E-3	5.29E-5	2.62E-3
	CC9	0.1779	1.3286	-0.1064	1.61E-2	-6.96E-4	-7.77E-4
	CC10	0.1533	1.5488	-0.0748	1.40E-2	-6.28E-4	-2.50E-5
	CC11	-0.6686	2.1107	-0.3498	1.55E-2	-4.79E-4	6.92E-4
	CC12	-0.6932	2.3310	-0.3182	1.34E-2	-4.12E-4	1.44E-3
	CC13	0.6529	-2.2813	0.1980	-1.32E-2	-3.56E-4	-1.44E-3
	CC14	0.6284	-2.0610	0.2295	-1.53E-2	-2.88E-4	-6.92E-4
	CC15	-0.1936	-1.4991	-0.0455	-1.37E-2	-1.39E-4	2.50E-5
	CC16	-0.2182	-1.2789	-0.0139	-1.59E-2	-7.15E-5	7.77E-4
187	CC1	1.3453	-0.8850	0.3474	6.10E-3	-6.66E-4	-2.62E-3
	CC2	1.3237	-0.7096	0.3601	4.57E-3	-6.90E-4	-2.07E-3
	CC3	1.4891	-1.9732	0.3842	-2.54E-3	-9.55E-4	-2.82E-3
	CC4	1.4675	-1.7978	0.3969	-4.07E-3	-9.79E-4	-2.27E-3
	CC5	-1.5082	1.8489	-0.4965	4.28E-3	2.57E-4	2.27E-3
	CC6	-1.5297	2.0243	-0.4838	2.76E-3	2.33E-4	2.82E-3
	CC7	-1.3644	0.7608	-0.4597	-4.36E-3	-3.22E-5	2.07E-3
	CC8	-1.3860	0.9362	-0.4470	-5.88E-3	-5.62E-5	2.62E-3
	CC9	0.1827	1.3092	0.0068	1.58E-2	-1.09E-6	-7.77E-4
	CC10	0.1533	1.5489	0.0242	1.37E-2	-3.39E-5	-2.50E-5
	CC11	-0.6733	2.1294	-0.2464	1.53E-2	2.76E-4	6.92E-4
	CC12	-0.7027	2.3691	-0.2290	1.32E-2	2.43E-4	1.44E-3
	CC13	0.6621	-2.3179	0.1294	-1.30E-2	-9.65E-4	-1.44E-3
	CC14	0.6326	-2.0782	0.1468	-1.51E-2	-9.98E-4	-6.92E-4
	CC15	-0.1940	-1.4977	-0.1237	-1.35E-2	-6.88E-4	2.50E-5
	CC16	-0.2234	-1.2580	-0.1064	-1.56E-2	-7.21E-4	7.77E-4
188	CC1	1.4669	-0.8805	0.6515	6.87E-3	-4.10E-4	-2.62E-3
	CC2	1.4196	-0.7060	0.5833	4.97E-3	-5.53E-4	-2.07E-3
	CC3	1.6201	-1.9682	0.2317	-3.80E-3	-1.38E-3	-2.82E-3
	CC4	1.5728	-1.7938	0.1635	-5.70E-3	-1.52E-3	-2.27E-3
	CC5	-1.6159	1.8449	-0.2521	6.00E-3	8.54E-4	2.27E-3
	CC6	-1.6632	2.0193	-0.3203	4.10E-3	7.12E-4	2.82E-3

	CC7	-1.4628	0.7571	-0.6719	-4.67E-3	-1.17E-4	2.07E-3
	CC8	-1.5101	0.9316	-0.7401	-6.56E-3	-2.59E-4	2.62E-3
	CC9	0.2179	1.3105	0.8375	1.94E-2	1.19E-3	-7.77E-4
	CC10	0.1532	1.5489	0.7443	1.68E-2	9.97E-4	-2.50E-5
	CC11	-0.7070	2.1281	0.5665	1.91E-2	1.57E-3	6.92E-4
	CC12	-0.7716	2.3665	0.4733	1.65E-2	1.38E-3	1.44E-3
	CC13	0.7284	-2.3154	-0.5618	-1.62E-2	-2.05E-3	-1.44E-3
	CC14	0.6638	-2.0770	-0.6550	-1.88E-2	-2.24E-3	-6.92E-4
	CC15	-0.1964	-1.4978	-0.8329	-1.65E-2	-1.67E-3	2.50E-5
	CC16	-0.2611	-1.2594	-0.9261	-1.91E-2	-1.86E-3	7.77E-4
189	CC1	1.4126	-0.7464	0.4842	6.82E-3	-5.41E-4	-2.62E-3
	CC2	1.3768	-0.6004	0.4504	4.88E-3	-6.24E-4	-2.07E-3
	CC3	1.5615	-1.8239	0.2490	-4.07E-3	-1.21E-3	-2.82E-3
	CC4	1.5258	-1.6779	0.2153	-6.01E-3	-1.29E-3	-2.27E-3
	CC5	-1.5676	1.7261	-0.3468	6.37E-3	5.39E-4	2.27E-3
	CC6	-1.6034	1.8721	-0.3806	4.44E-3	4.56E-4	2.82E-3
	CC7	-1.4187	0.6486	-0.5819	-4.52E-3	-1.30E-4	2.07E-3
	CC8	-1.4544	0.7946	-0.6157	-6.45E-3	-2.14E-4	2.62E-3
	CC9	0.2023	1.3492	0.4739	1.97E-2	6.33E-4	-7.77E-4
	CC10	0.1534	1.5488	0.4277	1.71E-2	5.20E-4	-2.50E-5
	CC11	-0.6918	2.0909	0.2246	1.96E-2	9.57E-4	6.92E-4
	CC12	-0.7407	2.2905	0.1784	1.69E-2	8.43E-4	1.44E-3
	CC13	0.6988	-2.2423	-0.3100	-1.66E-2	-1.60E-3	-1.44E-3
	CC14	0.6499	-2.0427	-0.3561	-1.92E-2	-1.71E-3	-6.92E-4
	CC15	-0.1952	-1.5006	-0.5593	-1.67E-2	-1.27E-3	2.50E-5
	CC16	-0.2441	-1.3010	-0.6054	-1.94E-2	-1.39E-3	7.77E-4
190	CC1	1.4559	-0.8061	0.6096	6.92E-3	-4.86E-4	-2.62E-3
	CC2	1.4109	-0.6474	0.5458	4.96E-3	-6.10E-4	-2.07E-3
	CC3	1.6082	-1.8881	0.2095	-4.10E-3	-1.37E-3	-2.82E-3
	CC4	1.5632	-1.7295	0.1457	-6.06E-3	-1.49E-3	-2.27E-3
	CC5	-1.6061	1.7790	-0.2550	6.39E-3	8.04E-4	2.27E-3
	CC6	-1.6511	1.9376	-0.3188	4.43E-3	6.79E-4	2.82E-3
	CC7	-1.4538	0.6969	-0.6551	-4.63E-3	-7.93E-5	2.07E-3
	CC8	-1.4988	0.8556	-0.7189	-6.59E-3	-2.04E-4	2.62E-3
	CC9	0.2147	1.3320	0.7854	2.00E-2	1.02E-3	-7.77E-4
	CC10	0.1533	1.5488	0.6982	1.73E-2	8.48E-4	-2.50E-5
	CC11	-0.7039	2.1075	0.5260	1.98E-2	1.41E-3	6.92E-4
	CC12	-0.7653	2.3244	0.4388	1.71E-2	1.23E-3	1.44E-3
	CC13	0.7224	-2.2749	-0.5481	-1.68E-2	-1.92E-3	-1.44E-3
	CC14	0.6610	-2.0580	-0.6353	-1.95E-2	-2.10E-3	-6.92E-4
	CC15	-0.1961	-1.4993	-0.8075	-1.69E-2	-1.54E-3	2.50E-5
	CC16	-0.2576	-1.2825	-0.8947	-1.96E-2	-1.71E-3	7.77E-4
191	CC1	1.5032	-0.7345	0.7219	7.14E-3	-8.36E-4	-2.62E-3
	CC2	1.4482	-0.5910	0.6184	5.11E-3	-9.00E-4	-2.07E-3
	CC3	1.6591	-1.8110	0.0918	-4.40E-3	-1.50E-3	-2.82E-3
	CC4	1.6041	-1.6675	-0.0117	-6.44E-3	-1.57E-3	-2.27E-3
	CC5	-1.6481	1.7154	-0.1103	6.81E-3	8.60E-4	2.27E-3
	CC6	-1.7031	1.8589	-0.2139	4.77E-3	7.96E-4	2.82E-3
	CC7	-1.4921	0.6389	-0.7405	-4.73E-3	1.95E-4	2.07E-3
	CC8	-1.5471	0.7824	-0.8440	-6.77E-3	1.31E-4	2.62E-3
	CC9	0.2284	1.3526	1.1848	2.09E-2	5.45E-4	-7.77E-4
	CC10	0.1532	1.5487	1.0433	1.81E-2	4.57E-4	-2.50E-5
	CC11	-0.7170	2.0876	0.9351	2.08E-2	1.05E-3	6.92E-4
	CC12	-0.7922	2.2837	0.7936	1.80E-2	9.66E-4	1.44E-3
	CC13	0.7482	-2.2358	-0.9157	-1.76E-2	-1.67E-3	-1.44E-3
	CC14	0.6731	-2.0397	-1.0572	-2.04E-2	-1.76E-3	-6.92E-4
	CC15	-0.1971	-1.5008	-1.1653	-1.77E-2	-1.16E-3	2.50E-5
	CC16	-0.2723	-1.3047	-1.3069	-2.05E-2	-1.25E-3	7.77E-4
192	CC1	1.1589	-0.8911	0.0090	3.13E-3	-8.59E-4	-2.62E-3
	CC2	1.1769	-0.7144	0.0934	2.69E-3	-8.59E-4	-2.07E-3
	CC3	1.2884	-1.9797	0.4627	3.19E-4	-9.28E-4	-2.82E-3
	CC4	1.3063	-1.8030	0.5471	-1.23E-4	-9.28E-4	-2.27E-3
	CC5	-1.3432	1.8545	-0.6523	1.05E-4	1.62E-4	2.27E-3
	CC6	-1.3253	2.0312	-0.5679	-3.37E-4	1.63E-4	2.82E-3
	CC7	-1.2138	0.7659	-0.1986	-2.71E-3	9.30E-5	2.07E-3
	CC8	-1.1959	0.9426	-0.1143	-3.15E-3	9.34E-5	2.62E-3
	CC9	0.1289	1.3075	-0.7671	5.44E-3	-4.21E-4	-7.77E-4
	CC10	0.1534	1.5491	-0.6518	4.83E-3	-4.20E-4	-2.50E-5
	CC11	-0.6218	2.1312	-0.9655	4.53E-3	-1.15E-4	6.92E-4
	CC12	-0.5973	2.3727	-0.8502	3.92E-3	-1.14E-4	1.44E-3
	CC13	0.5603	-2.3212	0.7450	-3.94E-3	-6.51E-4	-1.44E-3
	CC14	0.5849	-2.0797	0.8603	-4.55E-3	-6.51E-4	-6.92E-4
	CC15	-0.1903	-1.4975	0.5466	-4.85E-3	-3.45E-4	2.50E-5

	CC16	-0.1658	-1.2560	0.6619	-5.46E-3	-3.45E-4	7.77E-4
193	CC1	1.1276	-0.7762	-0.0708	1.83E-3	-1.22E-3	-2.62E-3
	CC2	1.1522	-0.6239	0.0182	1.82E-3	-1.18E-3	-2.07E-3
	CC3	1.2547	-1.8560	0.4119	1.32E-3	-9.44E-4	-2.82E-3
	CC4	1.2792	-1.7036	0.5009	1.31E-3	-8.97E-4	-2.27E-3
	CC5	-1.3157	1.7525	-0.6414	-1.41E-3	2.34E-5	2.27E-3
	CC6	-1.2912	1.9049	-0.5524	-1.42E-3	7.04E-5	2.82E-3
	CC7	-1.1887	0.6728	-0.1586	-1.92E-3	3.04E-4	2.07E-3
	CC8	-1.1641	0.8251	-0.0697	-1.93E-3	3.51E-4	2.62E-3
	CC9	0.1198	1.3406	-0.8500	1.29E-3	-1.12E-3	-7.77E-4
	CC10	0.1533	1.5488	-0.7284	1.27E-3	-1.06E-3	-2.50E-5
	CC11	-0.6132	2.0992	-1.0211	3.14E-4	-7.49E-4	6.92E-4
	CC12	-0.5797	2.3074	-0.8995	3.00E-4	-6.84E-4	1.44E-3
	CC13	0.5432	-2.2586	0.7591	-3.99E-4	-1.89E-4	-1.44E-3
	CC14	0.5768	-2.0504	0.8807	-4.13E-4	-1.25E-4	-6.92E-4
	CC15	-0.1898	-1.4999	0.5879	-1.37E-3	1.85E-4	2.50E-5
	CC16	-0.1562	-1.2917	0.7095	-1.39E-3	2.50E-4	7.77E-4
194	CC1	1.1250	-0.7318	-0.0945	1.40E-3	-1.32E-3	-2.62E-3
	CC2	1.1501	-0.5889	-0.0047	1.51E-3	-1.25E-3	-2.07E-3
	CC3	1.2519	-1.8081	0.3942	1.55E-3	-8.93E-4	-2.82E-3
	CC4	1.2769	-1.6652	0.4840	1.65E-3	-8.29E-4	-2.27E-3
	CC5	-1.3135	1.7130	-0.6399	-1.78E-3	-1.26E-4	2.27E-3
	CC6	-1.2884	1.8559	-0.5501	-1.67E-3	-6.08E-5	2.82E-3
	CC7	-1.1866	0.6367	-0.1513	-1.63E-3	2.96E-4	2.07E-3
	CC8	-1.1615	0.7796	-0.0615	-1.53E-3	3.61E-4	2.62E-3
	CC9	0.1190	1.3534	-0.8719	1.01E-4	-1.40E-3	-7.77E-4
	CC10	0.1533	1.5487	-0.7492	2.44E-4	-1.31E-3	-2.50E-5
	CC11	-0.6126	2.0868	-1.0355	-8.52E-4	-1.05E-3	6.92E-4
	CC12	-0.5783	2.2822	-0.9128	-7.09E-4	-9.58E-4	1.44E-3
	CC13	0.5418	-2.2343	0.7569	5.85E-4	3.54E-6	-1.44E-3
	CC14	0.5761	-2.0390	0.8796	7.28E-4	9.22E-5	-6.92E-4
	CC15	-0.1898	-1.5009	0.5933	-3.68E-4	3.60E-4	2.50E-5
	CC16	-0.1555	-1.3056	0.7160	-2.25E-4	4.49E-4	7.77E-4
195	CC1	2.2476	2.8843	-0.1629	3.38E-3	-2.11E-3	1.79E-3
	CC2	2.1025	1.9792	-0.2075	3.64E-3	-1.97E-3	1.93E-3
	CC3	1.9567	-2.3540	-0.5055	7.31E-5	-1.44E-3	3.87E-5
	CC4	1.8116	-3.2591	-0.5501	3.43E-4	-1.30E-3	1.81E-4
	CC5	-1.8276	3.3622	0.3602	2.97E-4	1.51E-3	1.57E-4
	CC6	-1.9727	2.4571	0.3156	5.67E-4	1.65E-3	3.00E-4
	CC7	-2.1185	-1.8761	0.0176	-3.00E-3	2.19E-3	-1.59E-3
	CC8	-2.2636	-2.7812	-0.0270	-2.74E-3	2.33E-3	-1.45E-3
	CC9	1.1873	9.3289	0.4282	6.10E-3	-1.66E-3	3.23E-3
	CC10	0.9890	8.0919	0.3672	6.47E-3	-1.47E-3	3.42E-3
	CC11	-0.0352	9.4723	0.5851	5.18E-3	-5.76E-4	2.74E-3
	CC12	-0.2336	8.2352	0.5241	5.55E-3	-3.85E-4	2.93E-3
	CC13	0.2176	-8.1321	-0.7140	-4.91E-3	5.96E-4	-2.59E-3
	CC14	0.0193	-9.3692	-0.7750	-4.54E-3	7.87E-4	-2.40E-3
	CC15	-1.0049	-7.9888	-0.5571	-5.83E-3	1.68E-3	-3.08E-3
	CC16	-1.2033	-9.2258	-0.6181	-5.46E-3	1.87E-3	-2.89E-3
196	CC1	2.0085	2.8895	-0.4586	3.04E-3	-2.52E-3	1.61E-3
	CC2	1.9688	1.9820	-0.4598	3.43E-3	-2.42E-3	1.81E-3
	CC3	2.0540	-2.3603	-0.4557	3.47E-4	-1.86E-3	1.83E-4
	CC4	2.0143	-3.2677	-0.4570	7.40E-4	-1.76E-3	3.92E-4
	CC5	-2.0222	3.3708	0.2416	-1.58E-4	1.90E-3	-8.34E-5
	CC6	-2.0619	2.4633	0.2404	2.36E-4	1.99E-3	1.25E-4
	CC7	-1.9767	-1.8789	0.2444	-2.85E-3	2.56E-3	-1.51E-3
	CC8	-2.0164	-2.7864	0.2432	-2.45E-3	2.65E-3	-1.30E-3
	CC9	0.5520	9.3490	-0.2165	4.98E-3	-1.76E-3	2.64E-3
	CC10	0.4977	8.1087	-0.2182	5.52E-3	-1.63E-3	2.92E-3
	CC11	-0.6572	9.4934	-0.0065	4.02E-3	-4.38E-4	2.13E-3
	CC12	-0.7115	8.2531	-0.0082	4.56E-3	-3.06E-4	2.41E-3
	CC13	0.7037	-8.1501	-0.2072	-3.98E-3	4.39E-4	-2.10E-3
	CC14	0.6494	-9.3904	-0.2089	-3.44E-3	5.71E-4	-1.82E-3
	CC15	-0.5056	-8.0057	0.0029	-4.94E-3	1.76E-3	-2.61E-3
	CC16	-0.5599	-9.2459	0.0012	-4.40E-3	1.90E-3	-2.33E-3
197	CC1	1.7598	2.8986	-0.7046	1.55E-3	-1.84E-3	8.20E-4
	CC2	1.8290	1.9888	-0.6774	2.27E-3	-2.13E-3	1.20E-3
	CC3	2.1574	-2.3632	-0.4299	5.85E-4	-2.80E-3	3.10E-4
	CC4	2.2265	-3.2730	-0.4027	1.30E-3	-3.08E-3	6.89E-4
	CC5	-2.2271	3.3765	0.1646	-8.18E-4	3.12E-3	-4.33E-4
	CC6	-2.1579	2.4667	0.1918	-1.01E-4	2.83E-3	-5.34E-5
	CC7	-1.8296	-1.8853	0.4393	-1.78E-3	2.16E-3	-9.43E-4
	CC8	-1.7604	-2.7951	0.4665	-1.07E-3	1.88E-3	-5.64E-4

	CC9	-0.1121	9.3714	-0.7258	1.72E-3	1.06E-3	9.07E-4
	CC10	-0.0175	8.1279	-0.6887	2.70E-3	6.69E-4	1.43E-3
	CC11	-1.3082	9.5147	-0.4651	1.00E-3	2.55E-3	5.31E-4
	CC12	-1.2136	8.2713	-0.4279	1.99E-3	2.16E-3	1.05E-3
	CC13	1.2130	-8.1679	0.1898	-1.50E-3	-2.12E-3	-7.94E-4
	CC14	1.3076	-9.4113	0.2269	-5.20E-4	-2.51E-3	-2.75E-4
	CC15	0.0170	-8.0245	0.4505	-2.21E-3	-6.33E-4	-1.17E-3
	CC16	0.1115	-9.2679	0.4877	-1.23E-3	-1.02E-3	-6.51E-4
198	CC1	2.1820	2.4775	-0.0853	3.54E-3	-2.18E-3	1.87E-3
	CC2	2.0439	1.7036	-0.1340	3.59E-3	-2.06E-3	1.90E-3
	CC3	1.9204	-2.2286	-0.4489	-5.64E-4	-1.50E-3	-2.98E-4
	CC4	1.7823	-3.0025	-0.4976	-5.16E-4	-1.37E-3	-2.73E-4
	CC5	-1.7885	3.1003	0.2888	1.07E-3	2.04E-3	5.66E-4
	CC6	-1.9266	2.3264	0.2400	1.12E-3	2.17E-3	5.92E-4
	CC7	-2.0501	-1.6057	-0.0748	-3.03E-3	2.73E-3	-1.60E-3
	CC8	-2.1882	-2.3796	-0.1236	-2.98E-3	2.85E-3	-1.58E-3
	CC9	1.1228	8.3278	0.4788	7.45E-3	-1.53E-3	3.94E-3
	CC10	0.9341	7.2701	0.4122	7.52E-3	-1.35E-3	3.98E-3
	CC11	-0.0683	8.5146	0.5910	6.71E-3	-2.58E-4	3.55E-3
	CC12	-0.2571	7.4569	0.5244	6.78E-3	-8.37E-5	3.58E-3
	CC13	0.2508	-7.3591	-0.7332	-6.22E-3	7.54E-4	-3.29E-3
	CC14	0.0621	-8.4168	-0.7998	-6.16E-3	9.27E-4	-3.26E-3
	CC15	-0.9403	-7.1722	-0.6210	-6.96E-3	2.02E-3	-3.68E-3
	CC16	-1.1291	-8.2299	-0.6876	-6.90E-3	2.20E-3	-3.65E-3
199	CC1	1.9498	2.4788	-0.3683	3.00E-3	-2.17E-3	1.59E-3
	CC2	1.9103	1.7042	-0.3727	3.23E-3	-2.15E-3	1.71E-3
	CC3	2.0007	-2.2310	-0.3887	-2.30E-4	-1.81E-3	-1.21E-4
	CC4	1.9612	-3.0056	-0.3931	2.71E-6	-1.80E-3	1.36E-6
	CC5	-1.9604	3.1035	0.1614	5.12E-4	2.42E-3	2.71E-4
	CC6	-1.9999	2.3289	0.1570	7.44E-4	2.44E-3	3.94E-4
	CC7	-1.9095	-1.6063	0.1411	-2.72E-3	2.78E-3	-1.44E-3
	CC8	-1.9490	-2.3808	0.1366	-2.48E-3	2.80E-3	-1.31E-3
	CC9	0.5292	8.3343	-0.1583	5.85E-3	-9.85E-4	3.10E-3
	CC10	0.4752	7.2756	-0.1644	6.17E-3	-9.64E-4	3.26E-3
	CC11	-0.6439	8.5217	0.0006	5.11E-3	3.92E-4	2.70E-3
	CC12	-0.6979	7.4630	-0.0054	5.43E-3	4.14E-4	2.87E-3
	CC13	0.6987	-7.3651	-0.2262	-4.91E-3	2.12E-4	-2.60E-3
	CC14	0.6447	-8.4237	-0.2323	-4.59E-3	2.33E-4	-2.43E-3
	CC15	-0.4744	-7.1777	-0.0673	-5.66E-3	1.59E-3	-2.99E-3
	CC16	-0.5284	-8.2363	-0.0734	-5.34E-3	1.61E-3	-2.82E-3
200	CC1	1.7098	2.4806	-0.6337	2.58E-3	-1.79E-3	1.36E-3
	CC2	1.7711	1.7048	-0.5989	2.93E-3	-2.00E-3	1.55E-3
	CC3	2.0840	-2.2347	-0.3364	-5.89E-5	-2.34E-3	-3.11E-5
	CC4	2.1453	-3.0104	-0.3016	2.92E-4	-2.55E-3	1.54E-4
	CC5	-2.1384	3.1085	0.0488	1.83E-4	3.18E-3	9.67E-5
	CC6	-2.0771	2.3327	0.0836	5.33E-4	2.97E-3	2.82E-4
	CC7	-1.7641	-1.6068	0.3461	-2.45E-3	2.63E-3	-1.30E-3
	CC8	-1.7028	-2.3826	0.3809	-2.10E-3	2.42E-3	-1.11E-3
	CC9	-0.0849	8.3438	-0.7481	4.75E-3	6.41E-4	2.51E-3
	CC10	-0.0011	7.2835	-0.7006	5.23E-3	3.52E-4	2.77E-3
	CC11	-1.2394	8.5321	-0.5433	4.03E-3	2.13E-3	2.13E-3
	CC12	-1.1556	7.4718	-0.4958	4.51E-3	1.84E-3	2.39E-3
	CC13	1.1626	-7.3738	0.2430	-4.04E-3	-1.21E-3	-2.13E-3
	CC14	1.2463	-8.4341	0.2905	-3.56E-3	-1.50E-3	-1.88E-3
	CC15	0.0081	-7.1855	0.4477	-4.75E-3	2.80E-4	-2.51E-3
	CC16	0.0919	-8.2457	0.4952	-4.27E-3	-1.03E-5	-2.26E-3
201	CC1	2.1169	2.0731	-0.0050	3.34E-3	-2.20E-3	1.77E-3
	CC2	1.9852	1.4266	-0.0573	3.35E-3	-2.06E-3	1.77E-3
	CC3	1.8855	-2.1132	-0.3911	-7.61E-4	-1.42E-3	-4.02E-4
	CC4	1.7537	-2.7598	-0.4434	-7.53E-4	-1.28E-3	-3.98E-4
	CC5	-1.7437	2.8523	0.2038	1.26E-3	2.10E-3	6.68E-4
	CC6	-1.8755	2.2057	0.1514	1.27E-3	2.23E-3	6.72E-4
	CC7	-1.9752	-1.3341	-0.1824	-2.84E-3	2.88E-3	-1.50E-3
	CC8	-2.1069	-1.9807	-0.2347	-2.83E-3	3.02E-3	-1.50E-3
	CC9	1.0599	7.3485	0.5281	7.40E-3	-1.64E-3	3.91E-3
	CC10	0.8798	6.4648	0.4566	7.41E-3	-1.45E-3	3.92E-3
	CC11	-0.0983	7.5822	0.5908	6.78E-3	-3.49E-4	3.58E-3
	CC12	-0.2784	6.6986	0.5192	6.79E-3	-1.61E-4	3.59E-3
	CC13	0.2884	-6.6061	-0.7589	-6.28E-3	9.78E-4	-3.32E-3
	CC14	0.1084	-7.4898	-0.8304	-6.27E-3	1.17E-3	-3.32E-3
	CC15	-0.8698	-6.3723	-0.6963	-6.90E-3	2.27E-3	-3.65E-3
	CC16	-1.0498	-7.2560	-0.7678	-6.89E-3	2.46E-3	-3.65E-3
202	CC1	1.8913	2.0716	-0.2867	3.18E-3	-2.14E-3	1.68E-3

	CC2	1.8515	1.4251	-0.2917	3.24E-3	-2.14E-3	1.71E-3
	CC3	1.9487	-2.1146	-0.3210	-7.02E-4	-1.83E-3	-3.71E-4
	CC4	1.9089	-2.7611	-0.3259	-6.51E-4	-1.83E-3	-3.44E-4
	CC5	-1.8927	2.8536	0.0647	1.15E-3	2.62E-3	6.06E-4
	CC6	-1.9325	2.2071	0.0597	1.20E-3	2.61E-3	6.33E-4
	CC7	-1.8353	-1.3326	0.0304	-2.74E-3	2.93E-3	-1.45E-3
	CC8	-1.8751	-1.9791	0.0255	-2.69E-3	2.93E-3	-1.42E-3
	CC9	0.5072	7.3477	-0.1229	7.00E-3	-8.43E-4	3.70E-3
	CC10	0.4528	6.4641	-0.1296	7.07E-3	-8.46E-4	3.74E-3
	CC11	-0.6280	7.5823	-0.0174	6.38E-3	5.84E-4	3.38E-3
	CC12	-0.6824	6.6987	-0.0242	6.45E-3	5.80E-4	3.41E-3
	CC13	0.6986	-6.6062	-0.2370	-5.96E-3	2.06E-4	-3.15E-3
	CC14	0.6442	-7.4898	-0.2438	-5.89E-3	2.03E-4	-3.11E-3
	CC15	-0.4366	-6.3716	-0.1316	-6.57E-3	1.63E-3	-3.48E-3
	CC16	-0.4910	-7.2552	-0.1384	-6.50E-3	1.63E-3	-3.44E-3
203	CC1	1.6612	2.0708	-0.5615	2.99E-3	-1.91E-3	1.58E-3
	CC2	1.7146	1.4238	-0.5212	3.10E-3	-2.10E-3	1.64E-3
	CC3	2.0139	-2.1173	-0.2541	-6.17E-4	-2.27E-3	-3.26E-4
	CC4	2.0674	-2.7643	-0.2137	-5.10E-4	-2.45E-3	-2.69E-4
	CC5	-2.0451	2.8568	-0.0686	9.93E-4	3.24E-3	5.25E-4
	CC6	-1.9917	2.2098	-0.0283	1.10E-3	3.05E-3	5.82E-4
	CC7	-1.6924	-1.3313	0.2389	-2.62E-3	2.88E-3	-1.38E-3
	CC8	-1.6389	-1.9783	0.2792	-2.51E-3	2.70E-3	-1.33E-3
	CC9	-0.0574	7.3506	-0.7552	6.48E-3	3.42E-4	3.43E-3
	CC10	0.0157	6.4664	-0.7000	6.63E-3	9.05E-5	3.51E-3
	CC11	-1.1692	7.5864	-0.6073	5.88E-3	1.89E-3	3.11E-3
	CC12	-1.0962	6.7022	-0.5522	6.03E-3	1.64E-3	3.19E-3
	CC13	1.1185	-6.6097	0.2698	-5.55E-3	-8.53E-4	-2.93E-3
	CC14	1.1915	-7.4939	0.3249	-5.40E-3	-1.10E-3	-2.86E-3
	CC15	0.0066	-6.3739	0.4177	-6.15E-3	6.92E-4	-3.25E-3
	CC16	0.0796	-7.2581	0.4728	-6.00E-3	4.41E-4	-3.17E-3
204	CC1	2.0480	1.6747	0.0788	3.41E-3	-2.38E-3	1.80E-3
	CC2	1.9234	1.1507	0.0223	3.27E-3	-2.22E-3	1.73E-3
	CC3	1.8520	-2.0094	-0.3340	-1.18E-3	-1.42E-3	-6.23E-4
	CC4	1.7274	-2.5333	-0.3905	-1.32E-3	-1.25E-3	-6.96E-4
	CC5	-1.7009	2.6203	0.1195	1.78E-3	1.95E-3	9.44E-4
	CC6	-1.8255	2.0963	0.0630	1.65E-3	2.12E-3	8.71E-4
	CC7	-1.8969	-1.0638	-0.2933	-2.80E-3	2.91E-3	-1.48E-3
	CC8	-2.0215	-1.5877	-0.3498	-2.94E-3	3.08E-3	-1.55E-3
	CC9	0.9874	6.3998	0.5850	8.22E-3	-2.02E-3	4.35E-3
	CC10	0.8171	5.6837	0.5078	8.03E-3	-1.79E-3	4.25E-3
	CC11	-0.1373	6.6835	0.5972	7.73E-3	-7.18E-4	4.09E-3
	CC12	-0.3076	5.9674	0.5200	7.54E-3	-4.87E-4	3.99E-3
	CC13	0.3341	-5.8804	-0.7910	-7.07E-3	1.19E-3	-3.74E-3
	CC14	0.1638	-6.5965	-0.8682	-7.26E-3	1.42E-3	-3.84E-3
	CC15	-0.7906	-5.5967	-0.7788	-7.56E-3	2.49E-3	-4.00E-3
	CC16	-0.9609	-6.3128	-0.8560	-7.75E-3	2.72E-3	-4.10E-3
205	CC1	1.8310	1.6723	-0.2031	3.33E-3	-2.27E-3	1.76E-3
	CC2	1.7911	1.1486	-0.2086	3.22E-3	-2.25E-3	1.70E-3
	CC3	1.8972	-2.0104	-0.2529	-1.13E-3	-1.83E-3	-5.98E-4
	CC4	1.8573	-2.5341	-0.2585	-1.24E-3	-1.81E-3	-6.57E-4
	CC5	-1.8252	2.6210	-0.0331	1.72E-3	2.48E-3	9.11E-4
	CC6	-1.8651	2.0973	-0.0386	1.61E-3	2.50E-3	8.52E-4
	CC7	-1.7590	-1.0617	-0.0829	-2.74E-3	2.92E-3	-1.45E-3
	CC8	-1.7989	-1.5853	-0.0885	-2.85E-3	2.94E-3	-1.51E-3
	CC9	0.4814	6.3968	-0.0845	8.00E-3	-1.13E-3	4.23E-3
	CC10	0.4269	5.6811	-0.0920	7.84E-3	-1.10E-3	4.15E-3
	CC11	-0.6155	6.6815	-0.0335	7.51E-3	2.96E-4	3.97E-3
	CC12	-0.6699	5.9657	-0.0410	7.36E-3	3.23E-4	3.89E-3
	CC13	0.7021	-5.8788	-0.2506	-6.88E-3	3.50E-4	-3.64E-3
	CC14	0.6476	-6.5945	-0.2581	-7.03E-3	3.77E-4	-3.72E-3
	CC15	-0.3948	-5.5942	-0.1996	-7.36E-3	1.78E-3	-3.89E-3
	CC16	-0.4493	-6.3099	-0.2071	-7.52E-3	1.80E-3	-3.98E-3
206	CC1	1.6120	1.6710	-0.4823	3.26E-3	-2.09E-3	1.72E-3
	CC2	1.6575	1.1470	-0.4377	3.17E-3	-2.24E-3	1.68E-3
	CC3	1.9434	-2.0129	-0.1734	-1.09E-3	-2.27E-3	-5.77E-4
	CC4	1.9889	-2.5369	-0.1288	-1.18E-3	-2.42E-3	-6.24E-4
	CC5	-1.9510	2.6238	-0.1837	1.67E-3	3.09E-3	8.82E-4
	CC6	-1.9055	2.0998	-0.1391	1.58E-3	2.94E-3	8.36E-4
	CC7	-1.6196	-1.0601	0.1252	-2.68E-3	2.91E-3	-1.42E-3
	CC8	-1.5741	-1.5841	0.1698	-2.77E-3	2.76E-3	-1.46E-3
	CC9	-0.0300	6.3985	-0.7463	7.79E-3	-3.50E-5	4.12E-3
	CC10	0.0321	5.6822	-0.6853	7.67E-3	-2.44E-4	4.06E-3

	CC11	-1.0989	6.6843	-0.6567	7.32E-3	1.52E-3	3.87E-3
	CC12	-1.0367	5.9681	-0.5958	7.19E-3	1.31E-3	3.80E-3
	CC13	1.0746	-5.8812	0.2832	-6.70E-3	-6.40E-4	-3.55E-3
	CC14	1.1368	-6.5974	0.3442	-6.83E-3	-8.49E-4	-3.61E-3
	CC15	0.0058	-5.5953	0.3728	-7.18E-3	9.14E-4	-3.80E-3
	CC16	0.0680	-6.3115	0.4338	-7.30E-3	7.04E-4	-3.86E-3
207	CC1	1.9735	1.2860	0.1690	3.51E-3	-2.57E-3	1.86E-3
	CC2	1.8570	0.8789	0.1073	3.22E-3	-2.37E-3	1.71E-3
	CC3	1.8191	-1.9190	-0.2753	-1.59E-3	-1.47E-3	-8.40E-4
	CC4	1.7026	-2.3261	-0.3369	-1.88E-3	-1.27E-3	-9.92E-4
	CC5	-1.6642	2.4074	0.0434	2.32E-3	1.66E-3	1.22E-3
	CC6	-1.7807	2.0003	-0.0182	2.03E-3	1.86E-3	1.07E-3
	CC7	-1.8187	-0.7976	-0.4009	-2.79E-3	2.76E-3	-1.47E-3
	CC8	-1.9352	-1.2047	-0.4625	-3.07E-3	2.96E-3	-1.62E-3
	CC9	0.9018	5.4923	0.6546	9.10E-3	-2.41E-3	4.81E-3
	CC10	0.7426	4.9360	0.5704	8.70E-3	-2.14E-3	4.60E-3
	CC11	-0.1895	5.8287	0.6169	8.74E-3	-1.14E-3	4.62E-3
	CC12	-0.3487	5.2724	0.5327	8.35E-3	-8.69E-4	4.41E-3
	CC13	0.3870	-5.1911	-0.8262	-7.91E-3	1.26E-3	-4.18E-3
	CC14	0.2278	-5.7474	-0.9105	-8.30E-3	1.53E-3	-4.39E-3
	CC15	-0.7043	-4.8546	-0.8639	-8.26E-3	2.53E-3	-4.37E-3
	CC16	-0.8635	-5.4110	-0.9481	-8.66E-3	2.80E-3	-4.58E-3
208	CC1	1.7676	1.2835	-0.1134	3.48E-3	-2.43E-3	1.84E-3
	CC2	1.7281	0.8767	-0.1203	3.21E-3	-2.39E-3	1.70E-3
	CC3	1.8449	-1.9199	-0.1834	-1.56E-3	-1.89E-3	-8.27E-4
	CC4	1.8053	-2.3267	-0.1904	-1.84E-3	-1.85E-3	-9.74E-4
	CC5	-1.7619	2.4080	-0.1229	2.31E-3	2.22E-3	1.22E-3
	CC6	-1.8014	2.0012	-0.1298	2.03E-3	2.26E-3	1.07E-3
	CC7	-1.6847	-0.7954	-0.1929	-2.74E-3	2.76E-3	-1.45E-3
	CC8	-1.7242	-1.2022	-0.1999	-3.02E-3	2.80E-3	-1.60E-3
	CC9	0.4495	5.4890	-0.0337	9.01E-3	-1.45E-3	4.77E-3
	CC10	0.3955	4.9331	-0.0432	8.63E-3	-1.39E-3	4.57E-3
	CC11	-0.6094	5.8264	-0.0365	8.66E-3	-5.48E-5	4.58E-3
	CC12	-0.6634	5.2704	-0.0460	8.28E-3	3.94E-7	4.38E-3
	CC13	0.7068	-5.1891	-0.2672	-7.81E-3	3.71E-4	-4.13E-3
	CC14	0.6528	-5.7451	-0.2767	-8.19E-3	4.26E-4	-4.33E-3
	CC15	-0.3520	-4.8518	-0.2701	-8.17E-3	1.77E-3	-4.32E-3
	CC16	-0.4061	-5.4077	-0.2795	-8.55E-3	1.82E-3	-4.52E-3
209	CC1	1.5611	1.2824	-0.3946	3.45E-3	-2.27E-3	1.83E-3
	CC2	1.5987	0.8752	-0.3473	3.19E-3	-2.40E-3	1.69E-3
	CC3	1.8712	-1.9225	-0.0926	-1.54E-3	-2.31E-3	-8.13E-4
	CC4	1.9089	-2.3296	-0.0452	-1.80E-3	-2.43E-3	-9.54E-4
	CC5	-1.8599	2.4109	-0.2887	2.29E-3	2.79E-3	1.21E-3
	CC6	-1.8222	2.0037	-0.2413	2.03E-3	2.67E-3	1.07E-3
	CC7	-1.5497	-0.7940	0.0134	-2.70E-3	2.76E-3	-1.43E-3
	CC8	-1.5120	-1.2011	0.0607	-2.97E-3	2.64E-3	-1.57E-3
	CC9	-0.0050	5.4910	-0.7187	8.92E-3	-4.34E-4	4.72E-3
	CC10	0.0464	4.9345	-0.6539	8.56E-3	-6.03E-4	4.53E-3
	CC11	-1.0313	5.8296	-0.6869	8.57E-3	1.09E-3	4.53E-3
	CC12	-0.9798	5.2731	-0.6221	8.21E-3	9.17E-4	4.34E-3
	CC13	1.0289	-5.1918	0.2882	-7.72E-3	-5.55E-4	-4.08E-3
	CC14	1.0803	-5.7483	0.3530	-8.08E-3	-7.23E-4	-4.28E-3
	CC15	0.0026	-4.8533	0.3200	-8.07E-3	9.66E-4	-4.27E-3
	CC16	0.0541	-5.4097	0.3847	-8.43E-3	7.97E-4	-4.46E-3
210	CC1	1.8936	0.9103	0.2650	3.65E-3	-2.72E-3	1.93E-3
	CC2	1.7863	0.6136	0.1975	3.20E-3	-2.50E-3	1.69E-3
	CC3	1.7861	-1.8438	-0.2138	-2.02E-3	-1.52E-3	-1.07E-3
	CC4	1.6788	-2.1406	-0.2814	-2.47E-3	-1.30E-3	-1.31E-3
	CC5	-1.6364	2.2162	-0.0198	2.89E-3	1.28E-3	1.53E-3
	CC6	-1.7438	1.9194	-0.0874	2.44E-3	1.50E-3	1.29E-3
	CC7	-1.7440	-0.5380	-0.4986	-2.79E-3	2.47E-3	-1.47E-3
	CC8	-1.8513	-0.8347	-0.5662	-3.24E-3	2.69E-3	-1.71E-3
	CC9	0.8032	4.6349	0.7363	1.01E-2	-2.76E-3	5.34E-3
	CC10	0.6565	4.2294	0.6440	9.48E-3	-2.45E-3	5.01E-3
	CC11	-0.2558	5.0267	0.6509	9.86E-3	-1.56E-3	5.22E-3
	CC12	-0.4025	4.6211	0.5585	9.25E-3	-1.25E-3	4.89E-3
	CC13	0.4448	-4.5455	-0.8597	-8.83E-3	1.23E-3	-4.67E-3
	CC14	0.2981	-4.9511	-0.9520	-9.44E-3	1.53E-3	-4.99E-3
	CC15	-0.6142	-4.1538	-0.9452	-9.06E-3	2.43E-3	-4.79E-3
	CC16	-0.7609	-4.5593	-1.0375	-9.67E-3	2.73E-3	-5.12E-3
211	CC1	1.7012	0.9078	-0.0174	3.63E-3	-2.57E-3	1.92E-3
	CC2	1.6624	0.6113	-0.0266	3.19E-3	-2.51E-3	1.69E-3
	CC3	1.7911	-1.8447	-0.1115	-2.00E-3	-1.95E-3	-1.06E-3

	CC4	1.7523	-2.1412	-0.1207	-2.44E-3	-1.89E-3	-1.29E-3
	CC5	-1.7053	2.2168	-0.1995	2.89E-3	1.85E-3	1.53E-3
	CC6	-1.7441	1.9203	-0.2087	2.44E-3	1.91E-3	1.29E-3
	CC7	-1.6155	-0.5357	-0.2936	-2.74E-3	2.47E-3	-1.45E-3
	CC8	-1.6543	-0.8322	-0.3028	-3.19E-3	2.53E-3	-1.68E-3
	CC9	0.4112	4.6315	0.0304	1.00E-2	-1.76E-3	5.30E-3
	CC10	0.3582	4.2264	0.0178	9.42E-3	-1.68E-3	4.98E-3
	CC11	-0.6108	5.0242	-0.0242	9.80E-3	-4.38E-4	5.18E-3
	CC12	-0.6638	4.6191	-0.0369	9.19E-3	-3.54E-4	4.86E-3
	CC13	0.7108	-4.5435	-0.2833	-8.74E-3	3.14E-4	-4.62E-3
	CC14	0.6578	-4.9486	-0.2959	-9.35E-3	3.98E-4	-4.94E-3
	CC15	-0.3112	-4.1508	-0.3379	-8.97E-3	1.64E-3	-4.74E-3
	CC16	-0.3642	-4.5559	-0.3506	-9.57E-3	1.72E-3	-5.06E-3
212	CC1	1.5085	0.9068	-0.2991	3.62E-3	-2.42E-3	1.91E-3
	CC2	1.5384	0.6100	-0.2503	3.18E-3	-2.52E-3	1.68E-3
	CC3	1.7968	-1.8474	-0.0102	-1.97E-3	-2.36E-3	-1.04E-3
	CC4	1.8267	-2.1443	0.0386	-2.40E-3	-2.46E-3	-1.27E-3
	CC5	-1.7744	2.2199	-0.3790	2.88E-3	2.41E-3	1.52E-3
	CC6	-1.7445	1.9230	-0.3302	2.45E-3	2.31E-3	1.30E-3
	CC7	-1.4861	-0.5344	-0.0901	-2.70E-3	2.47E-3	-1.43E-3
	CC8	-1.4562	-0.8313	-0.0413	-3.14E-3	2.37E-3	-1.66E-3
	CC9	0.0176	4.6341	-0.6730	9.95E-3	-7.85E-4	5.26E-3
	CC10	0.0585	4.2284	-0.6063	9.36E-3	-9.19E-4	4.95E-3
	CC11	-0.9673	5.0280	-0.6970	9.73E-3	6.66E-4	5.15E-3
	CC12	-0.9264	4.6223	-0.6303	9.14E-3	5.31E-4	4.83E-3
	CC13	0.9787	-4.5467	0.2899	-8.66E-3	-5.84E-4	-4.58E-3
	CC14	1.0196	-4.9524	0.3565	-9.25E-3	-7.19E-4	-4.89E-3
	CC15	-0.0062	-4.1528	0.2659	-8.88E-3	8.66E-4	-4.70E-3
	CC16	0.0347	-4.5585	0.3326	-9.47E-3	7.32E-4	-5.01E-3
213	CC1	1.8094	0.5502	0.3646	3.81E-3	-2.79E-3	2.02E-3
	CC2	1.7122	0.3566	0.2905	3.19E-3	-2.55E-3	1.69E-3
	CC3	1.7532	-1.7855	-0.1499	-2.47E-3	-1.55E-3	-1.31E-3
	CC4	1.6560	-1.9791	-0.2240	-3.09E-3	-1.31E-3	-1.64E-3
	CC5	-1.6190	2.0490	-0.0671	3.50E-3	8.42E-4	1.85E-3
	CC6	-1.7162	1.8554	-0.1412	2.88E-3	1.08E-3	1.52E-3
	CC7	-1.6752	-0.2868	-0.5817	-2.79E-3	2.08E-3	-1.47E-3
	CC8	-1.7724	-0.4804	-0.6558	-3.41E-3	2.33E-3	-1.80E-3
	CC9	0.6928	3.8354	0.8274	1.11E-2	-3.01E-3	5.90E-3
	CC10	0.5600	3.5707	0.7261	1.03E-2	-2.68E-3	5.45E-3
	CC11	-0.3357	4.2850	0.6979	1.11E-2	-1.92E-3	5.85E-3
	CC12	-0.4686	4.0203	0.5966	1.02E-2	-1.59E-3	5.40E-3
	CC13	0.5056	-3.9505	-0.8877	-9.80E-3	1.13E-3	-5.19E-3
	CC14	0.3727	-4.2152	-0.9890	-1.06E-2	1.46E-3	-5.63E-3
	CC15	-0.5230	-3.5009	-1.0173	-9.90E-3	2.22E-3	-5.23E-3
	CC16	-0.6558	-3.7655	-1.1185	-1.07E-2	2.55E-3	-5.68E-3
214	CC1	1.6328	0.5476	0.0828	3.79E-3	-2.63E-3	2.00E-3
	CC2	1.5951	0.3543	0.0705	3.18E-3	-2.55E-3	1.68E-3
	CC3	1.7361	-1.7864	-0.0374	-2.43E-3	-1.99E-3	-1.28E-3
	CC4	1.6984	-1.9796	-0.0497	-3.03E-3	-1.91E-3	-1.60E-3
	CC5	-1.6571	2.0495	-0.2600	3.47E-3	1.44E-3	1.83E-3
	CC6	-1.6948	1.8562	-0.2722	2.86E-3	1.51E-3	1.51E-3
	CC7	-1.5537	-0.2845	-0.3801	-2.75E-3	2.08E-3	-1.45E-3
	CC8	-1.5915	-0.4777	-0.3924	-3.35E-3	2.15E-3	-1.77E-3
	CC9	0.3677	3.8316	0.1052	1.10E-2	-1.97E-3	5.84E-3
	CC10	0.3162	3.5674	0.0884	1.02E-2	-1.86E-3	5.40E-3
	CC11	-0.6192	4.2822	0.0024	1.09E-2	-7.47E-4	5.79E-3
	CC12	-0.6708	4.0180	-0.0144	1.01E-2	-6.44E-4	5.35E-3
	CC13	0.7121	-3.9482	-0.2952	-9.68E-3	1.67E-4	-5.12E-3
	CC14	0.6606	-4.2123	-0.3120	-1.05E-2	2.70E-4	-5.56E-3
	CC15	-0.2748	-3.4976	-0.3981	-9.77E-3	1.39E-3	-5.17E-3
	CC16	-0.3264	-3.7618	-0.4148	-1.06E-2	1.49E-3	-5.61E-3
215	CC1	1.4555	0.5468	-0.1980	3.76E-3	-2.49E-3	1.99E-3
	CC2	1.4776	0.3530	-0.1489	3.17E-3	-2.57E-3	1.67E-3
	CC3	1.7203	-1.7891	0.0733	-2.38E-3	-2.39E-3	-1.26E-3
	CC4	1.7424	-1.9829	0.1224	-2.97E-3	-2.47E-3	-1.57E-3
	CC5	-1.6961	2.0527	-0.4517	3.44E-3	1.98E-3	1.82E-3
	CC6	-1.6740	1.8589	-0.4026	2.84E-3	1.90E-3	1.50E-3
	CC7	-1.4313	-0.2832	-0.1804	-2.70E-3	2.08E-3	-1.43E-3
	CC8	-1.4092	-0.4770	-0.1313	-3.29E-3	2.00E-3	-1.74E-3
	CC9	0.0394	3.8347	-0.6123	1.09E-2	-1.03E-3	5.77E-3
	CC10	0.0696	3.5698	-0.5453	1.01E-2	-1.14E-3	5.34E-3
	CC11	-0.9061	4.2864	-0.6884	1.08E-2	3.09E-4	5.72E-3
	CC12	-0.8759	4.0216	-0.6214	1.00E-2	2.00E-4	5.29E-3

	CC13	0.9222	-3.9518	0.2921	-9.54E-3	-6.95E-4	-5.05E-3
	CC14	0.9524	-4.2166	0.3591	-1.04E-2	-8.03E-4	-5.47E-3
	CC15	-0.0233	-3.5000	0.2160	-9.64E-3	6.46E-4	-5.10E-3
	CC16	0.0069	-3.7648	0.2830	-1.04E-2	5.37E-4	-5.53E-3
216	CC1	1.7234	0.2085	0.4635	4.00E-3	-2.72E-3	2.11E-3
	CC2	1.6370	0.1100	0.3825	3.20E-3	-2.47E-3	1.69E-3
	CC3	1.7215	-1.7459	-0.0855	-2.96E-3	-1.52E-3	-1.57E-3
	CC4	1.6351	-1.8444	-0.1664	-3.76E-3	-1.27E-3	-1.99E-3
	CC5	-1.6124	1.9084	-0.0976	4.16E-3	4.16E-4	2.20E-3
	CC6	-1.6988	1.8099	-0.1786	3.36E-3	6.65E-4	1.78E-3
	CC7	-1.6144	-0.0459	-0.6466	-2.80E-3	1.62E-3	-1.48E-3
	CC8	-1.7008	-0.1444	-0.7275	-3.60E-3	1.86E-3	-1.90E-3
	CC9	0.5740	3.1017	0.9224	1.23E-2	-3.07E-3	6.51E-3
	CC10	0.4559	2.9670	0.8117	1.12E-2	-2.72E-3	5.94E-3
	CC11	-0.4268	3.6116	0.7541	1.24E-2	-2.13E-3	6.54E-3
	CC12	-0.5448	3.4770	0.6434	1.13E-2	-1.78E-3	5.96E-3
	CC13	0.5675	-3.4130	-0.9074	-1.09E-2	9.31E-4	-5.75E-3
	CC14	0.4494	-3.5476	-1.0181	-1.20E-2	1.27E-3	-6.33E-3
	CC15	-0.4333	-2.9030	-1.0757	-1.08E-2	1.87E-3	-5.72E-3
	CC16	-0.5513	-3.0376	-1.1864	-1.19E-2	2.21E-3	-6.30E-3
217	CC1	1.5646	0.2055	0.1833	3.93E-3	-2.57E-3	2.08E-3
	CC2	1.5280	0.1075	0.1675	3.16E-3	-2.49E-3	1.67E-3
	CC3	1.6808	-1.7463	0.0372	-2.86E-3	-1.97E-3	-1.51E-3
	CC4	1.6442	-1.8443	0.0214	-3.63E-3	-1.89E-3	-1.92E-3
	CC5	-1.6174	1.9083	-0.3036	4.05E-3	1.03E-3	2.14E-3
	CC6	-1.6540	1.8103	-0.3194	3.28E-3	1.12E-3	1.73E-3
	CC7	-1.5013	-0.0435	-0.4497	-2.74E-3	1.63E-3	-1.45E-3
	CC8	-1.5378	-0.1415	-0.4655	-3.51E-3	1.71E-3	-1.86E-3
	CC9	0.3220	3.0966	0.1863	1.20E-2	-2.02E-3	6.37E-3
	CC10	0.2721	2.9626	0.1647	1.10E-2	-1.91E-3	5.81E-3
	CC11	-0.6326	3.6074	0.0402	1.21E-2	-9.39E-4	6.39E-3
	CC12	-0.6825	3.4735	0.0186	1.10E-2	-8.26E-4	5.83E-3
	CC13	0.7093	-3.4094	-0.3007	-1.06E-2	-3.16E-5	-5.61E-3
	CC14	0.6594	-3.5434	-0.3224	-1.17E-2	8.19E-5	-6.16E-3
	CC15	-0.2453	-2.8986	-0.4468	-1.06E-2	1.05E-3	-5.59E-3
	CC16	-0.2952	-3.0326	-0.4685	-1.16E-2	1.16E-3	-6.15E-3
218	CC1	1.4046	0.2048	-0.0951	3.88E-3	-2.44E-3	2.05E-3
	CC2	1.4186	0.1063	-0.0466	3.14E-3	-2.51E-3	1.66E-3
	CC3	1.6426	-1.7487	0.1562	-2.75E-3	-2.37E-3	-1.46E-3
	CC4	1.6566	-1.8472	0.2047	-3.50E-3	-2.44E-3	-1.85E-3
	CC5	-1.6253	1.9112	-0.5057	3.93E-3	1.56E-3	2.08E-3
	CC6	-1.6113	1.8128	-0.4572	3.19E-3	1.49E-3	1.69E-3
	CC7	-1.3873	-0.0423	-0.2544	-2.70E-3	1.62E-3	-1.43E-3
	CC8	-1.3733	-0.1407	-0.2060	-3.44E-3	1.55E-3	-1.82E-3
	CC9	0.0640	3.0991	-0.5408	1.18E-2	-1.10E-3	6.23E-3
	CC10	0.0831	2.9646	-0.4747	1.08E-2	-1.20E-3	5.69E-3
	CC11	-0.8450	3.6111	-0.6640	1.18E-2	9.28E-5	6.23E-3
	CC12	-0.8259	3.4765	-0.5978	1.08E-2	-3.81E-6	5.70E-3
	CC13	0.8572	-3.4125	0.2968	-1.03E-2	-8.78E-4	-5.47E-3
	CC14	0.8763	-3.5470	0.3630	-1.14E-2	-9.75E-4	-6.00E-3
	CC15	-0.0518	-2.9006	0.1736	-1.03E-2	3.19E-4	-5.46E-3
	CC16	-0.0327	-3.0351	0.2398	-1.13E-2	2.23E-4	-5.99E-3
219	CC1	1.3588	-0.1171	0.0040	3.97E-3	-2.24E-3	2.10E-3
	CC2	1.3643	-0.1284	0.0510	3.10E-3	-2.29E-3	1.64E-3
	CC3	1.5657	-1.7268	0.2349	-3.04E-3	-2.19E-3	-1.61E-3
	CC4	1.5711	-1.7381	0.2819	-3.90E-3	-2.25E-3	-2.06E-3
	CC5	-1.5618	1.7962	-0.5414	4.31E-3	1.11E-3	2.28E-3
	CC6	-1.5563	1.7850	-0.4944	3.44E-3	1.06E-3	1.82E-3
	CC7	-1.3549	0.1865	-0.3105	-2.70E-3	1.16E-3	-1.43E-3
	CC8	-1.3494	0.1753	-0.2635	-3.57E-3	1.10E-3	-1.89E-3
	CC9	0.0943	2.4326	-0.4649	1.24E-2	-1.11E-3	6.57E-3
	CC10	0.1017	2.4172	-0.4006	1.12E-2	-1.18E-3	5.94E-3
	CC11	-0.7819	3.0066	-0.6285	1.25E-2	-9.94E-5	6.62E-3
	CC12	-0.7744	2.9912	-0.5643	1.13E-2	-1.73E-4	6.00E-3
	CC13	0.7838	-2.9331	0.3047	-1.09E-2	-9.60E-4	-5.78E-3
	CC14	0.7913	-2.9485	0.3690	-1.21E-2	-1.03E-3	-6.41E-3
	CC15	-0.0924	-2.3590	0.1411	-1.08E-2	4.59E-5	-5.73E-3
	CC16	-0.0849	-2.3745	0.2054	-1.20E-2	-2.81E-5	-6.36E-3
220	CC1	1.3232	-0.4161	0.0908	3.92E-3	-1.67E-3	2.07E-3
	CC2	1.3191	-0.3489	0.1371	3.02E-3	-1.80E-3	1.60E-3
	CC3	1.4917	-1.7241	0.3089	-2.99E-3	-2.18E-3	-1.58E-3
	CC4	1.4876	-1.6569	0.3552	-3.90E-3	-2.32E-3	-2.06E-3
	CC5	-1.5033	1.7091	-0.5674	4.24E-3	1.16E-3	2.24E-3

	CC6	-1.5073	1.7763	-0.5211	3.33E-3	1.02E-3	1.76E-3
	CC7	-1.3348	0.4011	-0.3493	-2.68E-3	6.44E-4	-1.42E-3
	CC8	-1.3388	0.4683	-0.3030	-3.58E-3	5.06E-4	-1.90E-3
	CC9	0.1381	1.8415	-0.4025	1.23E-2	-5.12E-5	6.49E-3
	CC10	0.1325	1.9333	-0.3393	1.10E-2	-2.40E-4	5.83E-3
	CC11	-0.7099	2.4790	-0.6000	1.24E-2	7.97E-4	6.54E-3
	CC12	-0.7154	2.5709	-0.5367	1.11E-2	6.08E-4	5.88E-3
	CC13	0.6997	-2.5186	0.3245	-1.08E-2	-1.77E-3	-5.70E-3
	CC14	0.6942	-2.4268	0.3878	-1.20E-2	-1.96E-3	-6.36E-3
	CC15	-0.1482	-1.8811	0.1270	-1.07E-2	-9.21E-4	-5.65E-3
	CC16	-0.1537	-1.7892	0.1903	-1.19E-2	-1.11E-3	-6.31E-3
221	CC1	1.6389	-0.1119	0.5572	4.17E-3	-2.55E-3	2.20E-3
	CC2	1.5638	-0.1242	0.4691	3.17E-3	-2.29E-3	1.68E-3
	CC3	1.6927	-1.7275	-0.0236	-3.54E-3	-1.40E-3	-1.87E-3
	CC4	1.6176	-1.7397	-0.1118	-4.53E-3	-1.14E-3	-2.40E-3
	CC5	-1.6162	1.7980	-0.1121	4.93E-3	4.45E-5	2.61E-3
	CC6	-1.6913	1.7858	-0.2003	3.94E-3	3.06E-4	2.08E-3
	CC7	-1.5624	0.1825	-0.6930	-2.77E-3	1.20E-3	-1.47E-3
	CC8	-1.6375	0.1702	-0.7811	-3.77E-3	1.46E-3	-1.99E-3
	CC9	0.4506	2.4436	1.0168	1.36E-2	-3.03E-3	7.19E-3
	CC10	0.3480	2.4269	0.8963	1.22E-2	-2.68E-3	6.48E-3
	CC11	-0.5259	3.0166	0.8159	1.38E-2	-2.26E-3	7.32E-3
	CC12	-0.6285	2.9998	0.6955	1.25E-2	-1.90E-3	6.60E-3
	CC13	0.6300	-2.9416	-0.9194	-1.21E-2	8.08E-4	-6.39E-3
	CC14	0.5274	-2.9583	-1.0398	-1.34E-2	1.17E-3	-7.10E-3
	CC15	-0.3466	-2.3686	-1.1202	-1.18E-2	1.59E-3	-6.27E-3
	CC16	-0.4492	-2.3853	-1.2407	-1.32E-2	1.94E-3	-6.98E-3
222	CC1	1.5006	-0.1159	0.2789	4.10E-3	-2.28E-3	2.17E-3
	CC2	1.4650	-0.1271	0.2596	3.16E-3	-2.23E-3	1.67E-3
	CC3	1.6272	-1.7259	0.1104	-3.29E-3	-1.94E-3	-1.74E-3
	CC4	1.5916	-1.7371	0.0910	-4.23E-3	-1.89E-3	-2.24E-3
	CC5	-1.5863	1.7954	-0.3326	4.63E-3	7.81E-4	2.45E-3
	CC6	-1.6219	1.7841	-0.3520	3.70E-3	8.36E-4	1.95E-3
	CC7	-1.4596	0.1853	-0.5012	-2.76E-3	1.12E-3	-1.46E-3
	CC8	-1.4952	0.1741	-0.5205	-3.70E-3	1.18E-3	-1.96E-3
	CC9	0.2790	2.4335	0.2651	1.31E-2	-1.62E-3	6.92E-3
	CC10	0.2303	2.4182	0.2386	1.18E-2	-1.54E-3	6.24E-3
	CC11	-0.6471	3.0069	0.0816	1.32E-2	-6.98E-4	7.00E-3
	CC12	-0.6957	2.9915	0.0552	1.20E-2	-6.24E-4	6.33E-3
	CC13	0.7011	-2.9333	-0.2968	-1.16E-2	-4.84E-4	-6.11E-3
	CC14	0.6524	-2.9487	-0.3232	-1.28E-2	-4.09E-4	-6.79E-3
	CC15	-0.2250	-2.3599	-0.4802	-1.14E-2	4.36E-4	-6.03E-3
	CC16	-0.2736	-2.3753	-0.5067	-1.27E-2	5.11E-4	-6.71E-3
223	CC1	1.4430	-0.4133	0.3611	4.28E-3	-1.96E-3	2.27E-3
	CC2	1.4086	-0.3474	0.3397	3.15E-3	-1.92E-3	1.67E-3
	CC3	1.5794	-1.7287	0.1829	-3.87E-3	-1.83E-3	-2.05E-3
	CC4	1.5450	-1.6628	0.1615	-5.01E-3	-1.78E-3	-2.65E-3
	CC5	-1.5642	1.7154	-0.3569	5.41E-3	6.66E-4	2.86E-3
	CC6	-1.5986	1.7812	-0.3783	4.27E-3	7.08E-4	2.26E-3
	CC7	-1.4278	0.3999	-0.5351	-2.75E-3	8.01E-4	-1.45E-3
	CC8	-1.4622	0.4658	-0.5565	-3.88E-3	8.42E-4	-2.05E-3
	CC9	0.2377	1.8544	0.3217	1.44E-2	-1.21E-3	7.62E-3
	CC10	0.1906	1.9444	0.2924	1.29E-2	-1.15E-3	6.80E-3
	CC11	-0.6645	2.4929	0.1063	1.47E-2	-4.17E-4	7.80E-3
	CC12	-0.7116	2.5830	0.0771	1.32E-2	-3.61E-4	6.98E-3
	CC13	0.6924	-2.5305	-0.2724	-1.28E-2	-7.57E-4	-6.76E-3
	CC14	0.6453	-2.4404	-0.3016	-1.43E-2	-7.00E-4	-7.58E-3
	CC15	-0.2098	-1.8919	-0.4878	-1.25E-2	3.08E-5	-6.59E-3
	CC16	-0.2568	-1.8018	-0.5170	-1.40E-2	8.76E-5	-7.41E-3
224	CC1	1.5606	-0.4093	0.6413	4.56E-3	-2.00E-3	2.41E-3
	CC2	1.4970	-0.3448	0.5450	3.30E-3	-1.77E-3	1.74E-3
	CC3	1.6711	-1.7322	0.0279	-4.24E-3	-1.10E-3	-2.24E-3
	CC4	1.6076	-1.6677	-0.0683	-5.50E-3	-8.66E-4	-2.91E-3
	CC5	-1.6306	1.7202	-0.1089	5.89E-3	-2.92E-4	3.12E-3
	CC6	-1.6942	1.7847	-0.2051	4.64E-3	-5.69E-5	2.45E-3
	CC7	-1.5200	0.3973	-0.7223	-2.90E-3	6.09E-4	-1.53E-3
	CC8	-1.5836	0.4619	-0.8185	-4.16E-3	8.44E-4	-2.20E-3
	CC9	0.3263	1.8675	1.1119	1.55E-2	-2.50E-3	8.21E-3
	CC10	0.2394	1.9557	0.9804	1.38E-2	-2.18E-3	7.30E-3
	CC11	-0.6311	2.5064	0.8869	1.59E-2	-1.98E-3	8.42E-3
	CC12	-0.7179	2.5946	0.7554	1.42E-2	-1.66E-3	7.51E-3
	CC13	0.6949	-2.5421	-0.9326	-1.38E-2	5.05E-4	-7.30E-3
	CC14	0.6080	-2.4539	-1.0641	-1.55E-2	8.27E-4	-8.21E-3

	CC15	-0.2624	-1.9032	-1.1577	-1.34E-2	1.02E-3	-7.09E-3
	CC16	-0.3493	-1.8150	-1.2892	-1.51E-2	1.34E-3	-8.00E-3
225	CC1	1.0963	4.2999	-0.9934	-1.50E-3	-2.82E-3	-6.83E-3
	CC2	1.4811	2.8200	-1.0028	-1.75E-3	-3.11E-3	-3.90E-3
	CC3	2.5310	-2.9253	-0.7554	-3.25E-3	-3.96E-3	2.74E-3
	CC4	2.9158	-4.4053	-0.7648	-3.51E-3	-4.26E-3	5.67E-3
	CC5	-2.8815	4.4754	0.1447	4.09E-3	1.57E-3	-5.67E-3
	CC6	-2.4967	2.9955	0.1353	3.83E-3	1.27E-3	-2.74E-3
	CC7	-1.4468	-2.7498	0.3827	2.33E-3	4.21E-4	3.90E-3
	CC8	-1.0620	-4.2297	0.3734	2.08E-3	1.26E-4	6.83E-3
	CC9	-2.0403	13.0621	-0.8711	2.55E-3	1.04E-4	-1.81E-2
	CC10	-1.5144	11.0394	-0.8839	2.20E-3	-2.98E-4	-1.41E-2
	CC11	-3.2336	13.1148	-0.5296	4.23E-3	1.42E-3	-1.78E-2
	CC12	-2.7077	11.0921	-0.5424	3.88E-3	1.02E-3	-1.38E-2
	CC13	2.7420	-11.0219	-0.0776	-3.30E-3	-3.71E-3	1.38E-2
	CC14	3.2679	-13.0446	-0.0904	-3.65E-3	-4.11E-3	1.78E-2
	CC15	1.5487	-10.9693	0.2638	-1.62E-3	-2.40E-3	1.41E-2
	CC16	2.0746	-12.9920	0.2510	-1.97E-3	-2.80E-3	1.81E-2
226	CC1	1.1174	4.0482	-0.8967	-1.99E-3	-2.64E-3	-6.83E-3
	CC2	1.4930	2.6782	-0.8966	-2.21E-3	-2.90E-3	-3.90E-3
	CC3	2.5220	-2.8177	-0.6217	-3.47E-3	-3.73E-3	2.74E-3
	CC4	2.8976	-4.1876	-0.6216	-3.69E-3	-3.98E-3	5.67E-3
	CC5	-2.8641	4.2673	0.1025	4.13E-3	1.38E-3	-5.67E-3
	CC6	-2.4885	2.8973	0.1027	3.91E-3	1.13E-3	-2.74E-3
	CC7	-1.4595	-2.5985	0.3775	2.65E-3	2.99E-4	3.90E-3
	CC8	-1.0839	-3.9685	0.3777	2.43E-3	4.64E-5	6.83E-3
	CC9	-1.9837	12.3863	-0.8678	1.92E-3	7.82E-5	-1.81E-2
	CC10	-1.4704	10.5139	-0.8676	1.62E-3	-2.67E-4	-1.41E-2
	CC11	-3.1782	12.4520	-0.5681	3.76E-3	1.29E-3	-1.78E-2
	CC12	-2.6648	10.5796	-0.5679	3.45E-3	9.42E-4	-1.38E-2
	CC13	2.6983	-10.4999	0.0488	-3.01E-3	-3.54E-3	1.38E-2
	CC14	3.2117	-12.3723	0.0490	-3.32E-3	-3.89E-3	1.78E-2
	CC15	1.5039	-10.4342	0.3486	-1.18E-3	-2.33E-3	1.41E-2
	CC16	2.0172	-12.3066	0.3488	-1.48E-3	-2.68E-3	1.81E-2
227	CC1	1.1442	3.8000	-0.8148	-2.81E-3	-2.28E-3	-6.83E-3
	CC2	1.5081	2.5385	-0.8066	-2.99E-3	-2.52E-3	-3.90E-3
	CC3	2.5105	-2.7115	-0.5040	-3.87E-3	-3.45E-3	2.74E-3
	CC4	2.8744	-3.9731	-0.4959	-4.04E-3	-3.69E-3	5.67E-3
	CC5	-2.8419	4.0621	0.0708	4.30E-3	1.29E-3	-5.67E-3
	CC6	-2.4781	2.8006	0.0789	4.12E-3	1.06E-3	-2.74E-3
	CC7	-1.4756	-2.4494	0.3815	3.24E-3	1.22E-4	3.90E-3
	CC8	-1.1118	-3.7110	0.3897	3.07E-3	-1.12E-4	6.83E-3
	CC9	-1.9117	11.7199	-0.8689	9.36E-4	3.76E-4	-1.81E-2
	CC10	-1.4144	9.9957	-0.8578	6.96E-4	5.73E-5	-1.41E-2
	CC11	-3.1075	11.7986	-0.6032	3.07E-3	1.45E-3	-1.78E-2
	CC12	-2.6102	10.0744	-0.5921	2.83E-3	1.13E-3	-1.38E-2
	CC13	2.6427	-9.9853	0.1670	-2.58E-3	-3.52E-3	1.38E-2
	CC14	3.1400	-11.7095	0.1781	-2.82E-3	-3.84E-3	1.78E-2
	CC15	1.4468	-9.9067	0.4327	-4.45E-4	-2.45E-3	1.41E-2
	CC16	1.9441	-11.6309	0.4438	-6.85E-4	-2.77E-3	1.81E-2
228	CC1	1.1740	3.5571	-0.7591	-4.30E-3	-1.73E-3	-6.83E-3
	CC2	1.5248	2.4017	-0.7425	-4.36E-3	-2.00E-3	-3.90E-3
	CC3	2.4977	-2.6077	-0.4025	-4.43E-3	-3.21E-3	2.74E-3
	CC4	2.8485	-3.7631	-0.3859	-4.49E-3	-3.48E-3	5.67E-3
	CC5	-2.8173	3.8613	0.0426	4.48E-3	1.38E-3	-5.67E-3
	CC6	-2.4665	2.7058	0.0592	4.42E-3	1.11E-3	-2.74E-3
	CC7	-1.4936	-2.3035	0.3992	4.35E-3	-9.93E-5	3.90E-3
	CC8	-1.1428	-3.4589	0.4158	4.29E-3	-3.67E-4	6.83E-3
	CC9	-1.8315	11.0677	-0.8975	-1.07E-3	1.13E-3	-1.81E-2
	CC10	-1.3520	9.4885	-0.8748	-1.14E-3	7.65E-4	-1.41E-2
	CC11	-3.0289	11.1589	-0.6570	1.57E-3	2.06E-3	-1.78E-2
	CC12	-2.5494	9.5798	-0.6343	1.49E-3	1.70E-3	-1.38E-2
	CC13	2.5806	-9.4816	0.2910	-1.50E-3	-3.80E-3	1.38E-2
	CC14	3.0601	-11.0607	0.3137	-1.58E-3	-4.16E-3	1.78E-2
	CC15	1.3832	-9.3903	0.5315	1.13E-3	-2.86E-3	1.41E-2
	CC16	1.8627	-10.9695	0.5542	1.06E-3	-3.23E-3	1.81E-2
229	CC1	1.8436	3.6140	-0.8105	3.62E-3	-1.22E-3	-6.83E-3
	CC2	1.9019	2.4338	-0.8081	3.37E-3	-1.54E-3	-3.90E-3
	CC3	2.2116	-2.6318	-0.6694	-5.22E-4	-2.86E-3	2.74E-3
	CC4	2.2700	-3.8121	-0.6671	-7.75E-4	-3.17E-3	5.67E-3
	CC5	-2.2637	3.9083	0.3524	1.59E-3	1.43E-3	-5.67E-3
	CC6	-2.2053	2.7281	0.3547	1.33E-3	1.11E-3	-2.74E-3
	CC7	-1.8956	-2.3375	0.4934	-2.55E-3	-2.11E-4	3.90E-3

	CC8	-1.8372	-3.5177	0.4957	-2.81E-3	-5.27E-4	6.83E-3
	CC9	-0.0341	11.2203	-0.5684	7.79E-3	1.68E-3	-1.81E-2
	CC10	0.0457	9.6072	-0.5653	7.44E-3	1.24E-3	-1.41E-2
	CC11	-1.2662	11.3086	-0.2196	7.18E-3	2.47E-3	-1.78E-2
	CC12	-1.1865	9.6955	-0.2164	6.83E-3	2.04E-3	-1.38E-2
	CC13	1.1928	-9.5992	-0.0983	-6.02E-3	-3.79E-3	1.38E-2
	CC14	1.2726	-11.2123	-0.0952	-6.37E-3	-4.22E-3	1.78E-2
	CC15	-0.0394	-9.5109	0.2505	-6.63E-3	-2.99E-3	1.41E-2
	CC16	0.0404	-11.1240	0.2537	-6.97E-3	-3.42E-3	1.81E-2
230	CC1	1.8854	3.9242	-0.8563	3.01E-3	-1.78E-3	-6.83E-3
	CC2	1.9254	2.6084	-0.8732	2.65E-3	-2.18E-3	-3.90E-3
	CC3	2.1936	-2.7646	-0.8252	-1.24E-3	-3.60E-3	2.74E-3
	CC4	2.2337	-4.0803	-0.8421	-1.60E-3	-3.99E-3	5.67E-3
	CC5	-2.2291	4.1648	0.4408	2.47E-3	1.79E-3	-5.67E-3
	CC6	-2.1890	2.8490	0.4239	2.11E-3	1.39E-3	-2.74E-3
	CC7	-1.9209	-2.5240	0.4719	-1.77E-3	-1.92E-5	3.90E-3
	CC8	-1.8808	-3.8397	0.4550	-2.14E-3	-4.19E-4	6.83E-3
	CC9	0.0784	12.0531	-0.4354	7.84E-3	1.66E-3	-1.81E-2
	CC10	0.1331	10.2548	-0.4586	7.35E-3	1.11E-3	-1.41E-2
	CC11	-1.1559	12.1253	-0.0463	7.68E-3	2.73E-3	-1.78E-2
	CC12	-1.1012	10.3270	-0.0694	7.19E-3	2.18E-3	-1.38E-2
	CC13	1.1058	-10.2426	-0.3319	-6.31E-3	-4.38E-3	1.38E-2
	CC14	1.1605	-12.0409	-0.3550	-6.80E-3	-4.93E-3	1.78E-2
	CC15	-0.1286	-10.1704	0.0573	-6.47E-3	-3.31E-3	1.41E-2
	CC16	-0.0738	-11.9687	0.0341	-6.97E-3	-3.86E-3	1.81E-2
231	CC1	1.9273	4.2343	-0.9355	2.66E-3	-2.43E-3	-6.83E-3
	CC2	1.9490	2.7830	-0.9719	2.29E-3	-2.77E-3	-3.90E-3
	CC3	2.1757	-2.8973	-1.0046	-1.47E-3	-3.79E-3	2.74E-3
	CC4	2.1974	-4.3485	-1.0409	-1.84E-3	-4.12E-3	5.67E-3
	CC5	-2.1944	4.4212	0.5384	2.77E-3	1.72E-3	-5.67E-3
	CC6	-2.1727	2.9699	0.5021	2.40E-3	1.39E-3	-2.74E-3
	CC7	-1.9461	-2.7104	0.4694	-1.36E-3	3.68E-4	3.90E-3
	CC8	-1.9243	-4.1617	0.4331	-1.73E-3	3.07E-5	6.83E-3
	CC9	0.1909	12.8860	-0.3325	7.58E-3	6.66E-4	-1.81E-2
	CC10	0.2206	10.9025	-0.3822	7.07E-3	2.06E-4	-1.41E-2
	CC11	-1.0456	12.9421	0.1097	7.61E-3	1.91E-3	-1.78E-2
	CC12	-1.0159	10.9586	0.0600	7.10E-3	1.45E-3	-1.38E-2
	CC13	1.0188	-10.8859	-0.5625	-6.17E-3	-3.85E-3	1.38E-2
	CC14	1.0485	-12.8694	-0.6122	-6.68E-3	-4.31E-3	1.78E-2
	CC15	-0.2177	-10.8298	-0.1203	-6.14E-3	-2.61E-3	1.41E-2
	CC16	-0.1880	-12.8134	-0.1700	-6.65E-3	-3.07E-3	1.81E-2
232	CC1	2.3904	3.9241	-0.5167	5.45E-3	-3.63E-3	-6.83E-3
	CC2	2.2098	2.6084	-0.5785	4.66E-3	-3.81E-3	-3.90E-3
	CC3	1.9775	-2.7646	-0.9166	-1.36E-3	-3.85E-3	2.74E-3
	CC4	1.7968	-4.0803	-0.9784	-2.15E-3	-4.02E-3	5.67E-3
	CC5	-1.8115	4.1647	0.6479	3.12E-3	1.87E-3	-5.67E-3
	CC6	-1.9922	2.8490	0.5861	2.33E-3	1.69E-3	-2.74E-3
	CC7	-2.2244	-2.5240	0.2480	-3.69E-3	1.65E-3	3.90E-3
	CC8	-2.4051	-3.8397	0.1862	-4.48E-3	1.47E-3	6.83E-3
	CC9	1.4347	12.0531	0.3688	1.27E-2	1.42E-3	-1.81E-2
	CC10	1.1878	10.2548	0.2844	1.17E-2	-1.66E-3	-1.41E-2
	CC11	0.1741	12.1253	0.7182	1.20E-2	2.33E-4	-1.78E-2
	CC12	-0.0728	10.3270	0.6338	1.10E-2	-8.18E-6	-1.38E-2
	CC13	0.0582	-10.2426	-0.9642	-9.99E-3	-2.15E-3	1.38E-2
	CC14	-0.1887	-12.0409	-1.0487	-1.11E-2	-2.39E-3	1.78E-2
	CC15	-1.2024	-10.1704	-0.6149	-1.07E-2	-4.96E-4	1.41E-2
	CC16	-1.4493	-11.9687	-0.6993	-1.18E-2	-7.37E-4	1.81E-2
233	CC1	2.2046	3.9241	-0.6613	4.93E-3	-2.82E-3	-6.83E-3
	CC2	2.1052	2.6084	-0.7030	4.27E-3	-3.13E-3	-3.90E-3
	CC3	2.0570	-2.7646	-0.8815	-1.22E-3	-3.84E-3	2.74E-3
	CC4	1.9576	-4.0803	-0.9232	-1.88E-3	-4.14E-3	5.67E-3
	CC5	-1.9651	4.1647	0.5660	2.83E-3	1.97E-3	-5.67E-3
	CC6	-2.0646	2.8490	0.5243	2.17E-3	1.67E-3	-2.74E-3
	CC7	-2.1127	-2.5240	0.3458	-3.32E-3	9.53E-4	3.90E-3
	CC8	-2.2122	-3.8397	0.3041	-3.98E-3	6.50E-4	6.83E-3
	CC9	0.9357	12.0531	0.0328	1.15E-2	9.31E-5	-1.81E-2
	CC10	0.7998	10.2548	-0.0242	1.06E-2	-3.21E-4	-1.41E-2
	CC11	-0.3152	12.1253	0.4010	1.09E-2	1.53E-3	-1.78E-2
	CC12	-0.4512	10.3270	0.3440	9.96E-3	1.12E-3	-1.38E-2
	CC13	0.4436	-10.2426	-0.7012	-9.00E-3	-3.29E-3	1.38E-2
	CC14	0.3077	-12.0409	-0.7582	-9.91E-3	-3.70E-3	1.78E-2
	CC15	-0.8073	-10.1704	-0.3330	-9.63E-3	-1.85E-3	1.41E-2
	CC16	-0.9432	-11.9687	-0.3900	-1.05E-2	-2.27E-3	1.81E-2

234	CC1	2.0573	3.9241	-0.7628	4.21E-3	-2.29E-3	-6.83E-3
	CC2	2.0222	2.6084	-0.7913	3.69E-3	-2.65E-3	-3.90E-3
	CC3	2.1201	-2.7646	-0.8559	-1.12E-3	-3.72E-3	2.74E-3
	CC4	2.0850	-4.0803	-0.8844	-1.64E-3	-4.08E-3	5.67E-3
	CC5	-2.0870	4.1647	0.5064	2.57E-3	1.90E-3	-5.67E-3
	CC6	-2.1220	2.8490	0.4778	2.05E-3	1.54E-3	-2.74E-3
	CC7	-2.0241	-2.5240	0.4133	-2.76E-3	4.67E-4	3.90E-3
	CC8	-2.0592	-3.8397	0.3848	-3.28E-3	1.13E-4	6.83E-3
	CC9	0.5399	12.0531	-0.2048	9.95E-3	9.10E-4	-1.81E-2
	CC10	0.4920	10.2548	-0.2438	9.24E-3	4.26E-4	-1.41E-2
	CC11	-0.7034	12.1253	0.1760	9.46E-3	2.17E-3	-1.78E-2
	CC12	-0.7513	10.3270	0.1370	8.75E-3	1.68E-3	-1.38E-2
	CC13	0.7494	-10.2426	-0.5150	-7.81E-3	-3.86E-3	1.38E-2
	CC14	0.7015	-12.0409	-0.5540	-8.53E-3	-4.35E-3	1.78E-2
	CC15	-0.4939	-10.1704	-0.1343	-8.31E-3	-2.60E-3	1.41E-2
	CC16	-0.5418	-11.9687	-0.1733	-9.02E-3	-3.09E-3	1.81E-2
235	CC1	2.0636	3.6140	-0.6584	5.61E-3	-2.08E-3	-6.83E-3
	CC2	2.0258	2.4338	-0.6693	4.97E-3	-2.50E-3	-3.90E-3
	CC3	2.1175	-2.6319	-0.6837	-6.92E-4	-3.73E-3	2.74E-3
	CC4	2.0797	-3.8121	-0.6945	-1.32E-3	-4.14E-3	5.67E-3
	CC5	-2.0817	3.9083	0.4084	2.22E-3	2.42E-3	-5.67E-3
	CC6	-2.1195	2.7281	0.3975	1.59E-3	2.00E-3	-2.74E-3
	CC7	-2.0278	-2.3376	0.3831	-4.08E-3	7.69E-4	3.90E-3
	CC8	-2.0656	-3.5178	0.3722	-4.71E-3	3.52E-4	6.83E-3
	CC9	0.5569	11.2202	-0.2536	1.19E-2	1.49E-3	-1.81E-2
	CC10	0.5052	9.6072	-0.2684	1.10E-2	9.21E-4	-1.41E-2
	CC11	-0.6867	11.3085	0.0665	1.09E-2	2.84E-3	-1.78E-2
	CC12	-0.7384	9.6955	0.0516	1.00E-2	2.27E-3	-1.38E-2
	CC13	0.7364	-9.5993	-0.3378	-9.11E-3	-4.00E-3	1.38E-2
	CC14	0.6847	-11.2123	-0.3526	-9.97E-3	-4.57E-3	1.78E-2
	CC15	-0.5072	-9.5110	-0.0178	-1.01E-2	-2.65E-3	1.41E-2
	CC16	-0.5589	-11.1240	-0.0326	-1.10E-2	-3.22E-3	1.81E-2
236	CC1	2.4030	3.6140	-0.3304	6.91E-3	-3.93E-3	-6.83E-3
	CC2	2.2168	2.4338	-0.3888	5.73E-3	-3.95E-3	-3.90E-3
	CC3	1.9721	-2.6318	-0.7495	-1.98E-3	-3.41E-3	2.74E-3
	CC4	1.7859	-3.8121	-0.8078	-3.17E-3	-3.43E-3	5.67E-3
	CC5	-1.8011	3.9083	0.5670	4.04E-3	1.82E-3	-5.67E-3
	CC6	-1.9873	2.7281	0.5086	2.86E-3	1.80E-3	-2.74E-3
	CC7	-2.2320	-2.3375	0.1479	-4.85E-3	2.35E-3	3.90E-3
	CC8	-2.4182	-3.5178	0.0895	-6.04E-3	2.32E-3	6.83E-3
	CC9	1.4684	11.2202	0.4833	1.65E-2	-2.52E-3	-1.81E-2
	CC10	1.2140	9.6072	0.4035	1.49E-2	-2.56E-3	-1.41E-2
	CC11	0.2072	11.3085	0.7525	1.56E-2	-7.98E-4	-1.78E-2
	CC12	-0.0473	9.6955	0.6728	1.40E-2	-8.30E-4	-1.38E-2
	CC13	0.0320	-9.5992	-0.9136	-1.31E-2	-7.78E-4	1.38E-2
	CC14	-0.2224	-11.2123	-0.9934	-1.48E-2	-8.10E-4	1.78E-2
	CC15	-1.2292	-9.5109	-0.6444	-1.40E-2	9.48E-4	1.41E-2
	CC16	-1.4836	-11.1240	-0.7242	-1.56E-2	9.17E-4	1.81E-2
237	CC1	2.2333	3.6140	-0.5030	6.57E-3	-2.96E-3	-6.83E-3
	CC2	2.1213	2.4338	-0.5335	5.62E-3	-3.27E-3	-3.90E-3
	CC3	2.0448	-2.6319	-0.7062	-1.28E-3	-3.89E-3	2.74E-3
	CC4	1.9328	-3.8121	-0.7367	-2.23E-3	-4.19E-3	5.67E-3
	CC5	-1.9414	3.9083	0.4735	3.13E-3	2.51E-3	-5.67E-3
	CC6	-2.0534	2.7281	0.4430	2.18E-3	2.21E-3	-2.74E-3
	CC7	-2.1299	-2.3375	0.2703	-4.72E-3	1.59E-3	3.90E-3
	CC8	-2.2419	-3.5178	0.2398	-5.67E-3	1.28E-3	6.83E-3
	CC9	1.0126	11.2202	0.0815	1.47E-2	8.62E-5	-1.81E-2
	CC10	0.8596	9.6072	0.0398	1.34E-2	-3.33E-4	-1.41E-2
	CC11	-0.2398	11.3085	0.3744	1.37E-2	1.73E-3	-1.78E-2
	CC12	-0.3928	9.6955	0.3327	1.24E-2	1.31E-3	-1.38E-2
	CC13	0.3842	-9.5993	-0.5959	-1.15E-2	-2.99E-3	1.38E-2
	CC14	0.2312	-11.2123	-0.6376	-1.28E-2	-3.41E-3	1.78E-2
	CC15	-0.8682	-9.5110	-0.3030	-1.25E-2	-1.35E-3	1.41E-2
	CC16	-1.0212	-11.1240	-0.3447	-1.38E-2	-1.77E-3	1.81E-2
238	CC1	2.3705	3.4590	-0.2730	7.83E-3	-3.90E-3	-6.83E-3
	CC2	2.1985	2.3465	-0.3260	6.40E-3	-3.86E-3	-3.90E-3
	CC3	1.9859	-2.5654	-0.6638	-2.33E-3	-3.15E-3	2.74E-3
	CC4	1.8140	-3.6779	-0.7168	-3.76E-3	-3.12E-3	5.67E-3
	CC5	-1.8280	3.7801	0.5049	4.59E-3	1.92E-3	-5.67E-3
	CC6	-2.0000	2.6677	0.4519	3.16E-3	1.96E-3	-2.74E-3
	CC7	-2.2125	-2.2443	0.1141	-5.57E-3	2.66E-3	3.90E-3
	CC8	-2.3845	-3.3567	0.0611	-7.00E-3	2.70E-3	6.83E-3
	CC9	1.3811	10.8039	0.4648	1.88E-2	-2.73E-3	-1.81E-2

	CC10	1.1461	9.2834	0.3924	1.69E-2	-2.68E-3	-1.41E-2
	CC11	0.1216	10.9002	0.6982	1.78E-2	-9.89E-4	-1.78E-2
	CC12	-0.1134	9.3798	0.6258	1.59E-2	-9.38E-4	-1.38E-2
	CC13	0.0994	-9.2775	-0.8377	-1.51E-2	-2.60E-4	1.38E-2
	CC14	-0.1356	-10.7980	-0.9101	-1.70E-2	-2.09E-4	1.78E-2
	CC15	-1.1602	-9.1812	-0.6043	-1.60E-2	1.48E-3	1.41E-2
	CC16	-1.3952	-10.7016	-0.6767	-1.80E-2	1.54E-3	1.81E-2
239	CC1	0.8560	3.5520	-0.5585	-3.70E-3	-3.63E-3	-6.83E-3
	CC2	1.3458	2.3988	-0.5309	-4.15E-3	-3.82E-3	-3.90E-3
	CC3	2.6338	-2.6055	-0.1703	-5.18E-3	-4.14E-3	2.74E-3
	CC4	3.1236	-3.7586	-0.1427	-5.63E-3	-4.33E-3	5.67E-3
	CC5	-3.0802	3.8570	-0.1945	5.48E-3	1.84E-3	-5.67E-3
	CC6	-2.5904	2.7039	-0.1669	5.03E-3	1.65E-3	-2.74E-3
	CC7	-1.3024	-2.3004	0.1937	4.00E-3	1.33E-3	3.90E-3
	CC8	-0.8126	-3.4536	0.2213	3.55E-3	1.14E-3	6.83E-3
	CC9	-2.6856	11.0539	-0.8890	1.32E-3	-1.08E-3	-1.81E-2
	CC10	-2.0162	9.4778	-0.8514	7.07E-4	-1.34E-3	-1.41E-2
	CC11	-3.8664	11.1454	-0.7798	4.08E-3	5.57E-4	-1.78E-2
	CC12	-3.1970	9.5693	-0.7422	3.46E-3	3.04E-4	-1.38E-2
	CC13	3.2405	-9.4709	0.4050	-3.61E-3	-2.79E-3	1.38E-2
	CC14	3.9099	-11.0470	0.4426	-4.22E-3	-3.05E-3	1.78E-2
	CC15	2.0596	-9.3794	0.5142	-8.54E-4	-1.15E-3	1.41E-2
	CC16	2.7290	-10.9555	0.5518	-1.47E-3	-1.40E-3	1.81E-2
240	CC1	0.8328	3.7984	-0.6817	-2.78E-3	-3.51E-3	-6.83E-3
	CC2	1.3327	2.5376	-0.6593	-3.22E-3	-3.72E-3	-3.90E-3
	CC3	2.6438	-2.7108	-0.3063	-4.56E-3	-4.16E-3	2.74E-3
	CC4	3.1437	-3.9717	-0.2840	-5.00E-3	-4.37E-3	5.67E-3
	CC5	-3.0994	4.0607	-0.1494	5.15E-3	1.65E-3	-5.67E-3
	CC6	-2.5995	2.7999	-0.1271	4.71E-3	1.44E-3	-2.74E-3
	CC7	-1.2884	-2.4485	0.2259	3.37E-3	1.00E-3	3.90E-3
	CC8	-0.7885	-3.7093	0.2483	2.93E-3	7.90E-4	6.83E-3
	CC9	-2.7480	11.7155	-0.9374	2.16E-3	-9.03E-4	-1.81E-2
	CC10	-2.0647	9.9923	-0.9069	1.56E-3	-1.19E-3	-1.41E-2
	CC11	-3.9277	11.7942	-0.7777	4.54E-3	6.45E-4	-1.78E-2
	CC12	-3.2444	10.0710	-0.7472	3.94E-3	3.54E-4	-1.38E-2
	CC13	3.2887	-9.9819	0.3138	-3.79E-3	-3.07E-3	1.38E-2
	CC14	3.9720	-11.7051	0.3443	-4.39E-3	-3.36E-3	1.78E-2
	CC15	2.1090	-9.9032	0.4735	-1.41E-3	-1.52E-3	1.41E-2
	CC16	2.7923	-11.6264	0.5040	-2.01E-3	-1.81E-3	1.81E-2
241	CC1	0.8079	4.0451	-0.7977	-2.19E-3	-3.27E-3	-6.83E-3
	CC2	1.3187	2.6765	-0.7825	-2.62E-3	-3.54E-3	-3.90E-3
	CC3	2.6544	-2.8163	-0.4434	-4.16E-3	-4.18E-3	2.74E-3
	CC4	3.1652	-4.1849	-0.4282	-4.59E-3	-4.45E-3	5.67E-3
	CC5	-3.1200	4.2647	-0.1079	4.94E-3	1.65E-3	-5.67E-3
	CC6	-2.6092	2.8961	-0.0926	4.51E-3	1.38E-3	-2.74E-3
	CC7	-1.2735	-2.5967	0.2464	2.98E-3	7.38E-4	3.90E-3
	CC8	-0.7626	-3.9653	0.2617	2.54E-3	4.70E-4	6.83E-3
	CC9	-2.8148	12.3779	-0.9724	2.68E-3	-4.39E-4	-1.81E-2
	CC10	-2.1167	10.5073	-0.9516	2.09E-3	-8.05E-4	-1.41E-2
	CC11	-3.9932	12.4438	-0.7654	4.82E-3	1.04E-3	-1.78E-2
	CC12	-3.2950	10.5732	-0.7446	4.23E-3	6.70E-4	-1.38E-2
	CC13	3.3403	-10.4934	0.2086	-3.88E-3	-3.47E-3	1.38E-2
	CC14	4.0384	-12.3640	0.2294	-4.47E-3	-3.84E-3	1.78E-2
	CC15	2.1619	-10.4276	0.4155	-1.74E-3	-2.00E-3	1.41E-2
	CC16	2.8601	-12.2981	0.4364	-2.33E-3	-2.36E-3	1.81E-2
242	CC1	0.7847	4.2924	-0.9100	-1.88E-3	-3.17E-3	-6.83E-3
	CC2	1.3057	2.8158	-0.9038	-2.29E-3	-3.48E-3	-3.90E-3
	CC3	2.6643	-2.9221	-0.5848	-3.87E-3	-4.24E-3	2.74E-3
	CC4	3.1853	-4.3988	-0.5787	-4.28E-3	-4.55E-3	5.67E-3
	CC5	-3.1391	4.4693	-0.0629	4.76E-3	1.72E-3	-5.67E-3
	CC6	-2.6182	2.9926	-0.0568	4.36E-3	1.41E-3	-2.74E-3
	CC7	-1.2595	-2.7453	0.2623	2.77E-3	6.47E-4	3.90E-3
	CC8	-0.7386	-4.2220	0.2684	2.37E-3	3.37E-4	6.83E-3
	CC9	-2.8770	13.0421	-0.9940	2.84E-3	-1.57E-4	-1.81E-2
	CC10	-2.1650	11.0239	-0.9856	2.29E-3	-5.80E-4	-1.41E-2
	CC11	-4.0542	13.0952	-0.7399	4.83E-3	1.31E-3	-1.78E-2
	CC12	-3.3422	11.0769	-0.7315	4.28E-3	8.87E-4	-1.38E-2
	CC13	3.3883	-11.0065	0.0899	-3.79E-3	-3.72E-3	1.38E-2
	CC14	4.1003	-13.0247	0.0983	-4.35E-3	-4.14E-3	1.78E-2
	CC15	2.2112	-10.9534	0.3441	-1.80E-3	-2.26E-3	1.41E-2
	CC16	2.9231	-12.9717	0.3525	-2.35E-3	-2.68E-3	1.81E-2
243	CC1	0.4762	4.2835	-0.8227	-1.69E-3	-3.32E-3	-6.83E-3
	CC2	1.1319	2.8107	-0.7936	-2.27E-3	-3.69E-3	-3.90E-3

	CC3	2.7963	-2.9183	-0.3917	-4.24E-3	-4.52E-3	2.74E-3
	CC4	3.4521	-4.3911	-0.3625	-4.82E-3	-4.88E-3	5.67E-3
	CC5	-3.3943	4.4619	-0.2966	5.27E-3	1.93E-3	-5.67E-3
	CC6	-2.7385	2.9891	-0.2674	4.69E-3	1.57E-3	-2.74E-3
	CC7	-1.0741	-2.7400	0.1345	2.72E-3	7.35E-4	3.90E-3
	CC8	-0.4184	-4.2127	0.1636	2.14E-3	3.70E-4	6.83E-3
	CC9	-3.7056	13.0181	-1.1468	3.82E-3	-2.28E-5	-1.81E-2
	CC10	-2.8093	11.0052	-1.1069	3.04E-3	-5.21E-4	-1.41E-2
	CC11	-4.8667	13.0717	-0.9889	5.91E-3	1.55E-3	-1.78E-2
	CC12	-3.9704	11.0587	-0.9491	5.13E-3	1.05E-3	-1.38E-2
	CC13	4.0283	-10.9880	0.2900	-4.68E-3	-4.01E-3	1.38E-2
	CC14	4.9245	-13.0009	0.3298	-5.46E-3	-4.50E-3	1.78E-2
	CC15	2.8671	-10.9345	0.4478	-2.59E-3	-2.43E-3	1.41E-2
	CC16	3.7634	-12.9474	0.4877	-3.37E-3	-2.93E-3	1.81E-2
244	CC1	0.1670	4.2606	-0.7403	-1.39E-3	-3.25E-3	-6.83E-3
	CC2	0.9578	2.7978	-0.6805	-2.08E-3	-3.69E-3	-3.90E-3
	CC3	2.9286	-2.9085	-0.1759	-4.41E-3	-4.71E-3	2.74E-3
	CC4	3.7195	-4.3713	-0.1161	-5.10E-3	-5.14E-3	5.67E-3
	CC5	-3.6499	4.4429	-0.5532	5.54E-3	2.13E-3	-5.67E-3
	CC6	-2.8591	2.9801	-0.4934	4.85E-3	1.69E-3	-2.74E-3
	CC7	-0.8883	-2.7262	0.0112	2.52E-3	6.69E-4	3.90E-3
	CC8	-0.0974	-4.1889	0.0710	1.83E-3	2.31E-4	6.83E-3
	CC9	-4.5359	12.9565	-1.3442	4.69E-3	4.15E-4	-1.81E-2
	CC10	-3.4550	10.9573	-1.2624	3.74E-3	-1.84E-4	-1.41E-2
	CC11	-5.6810	13.0112	-1.2881	6.77E-3	2.03E-3	-1.78E-2
	CC12	-4.6001	11.0120	-1.2063	5.82E-3	1.43E-3	-1.38E-2
	CC13	4.6696	-10.9404	0.5370	-5.38E-3	-4.45E-3	1.38E-2
	CC14	5.7505	-12.9396	0.6188	-6.33E-3	-5.04E-3	1.78E-2
	CC15	3.5245	-10.8857	0.5931	-3.30E-3	-2.83E-3	1.41E-2
	CC16	4.6054	-12.8849	0.6749	-4.25E-3	-3.43E-3	1.81E-2
245	CC1	0.5637	3.5448	-0.4462	-1.48E-3	-3.89E-3	-6.83E-3
	CC2	1.1812	2.3948	-0.3890	-2.34E-3	-4.22E-3	-3.90E-3
	CC3	2.7589	-2.6024	0.0569	-5.03E-3	-4.77E-3	2.74E-3
	CC4	3.3765	-3.7524	0.1142	-5.89E-3	-5.09E-3	5.67E-3
	CC5	-3.3219	3.8511	-0.4465	5.99E-3	2.24E-3	-5.67E-3
	CC6	-2.7044	2.7011	-0.3892	5.14E-3	1.92E-3	-2.74E-3
	CC7	-1.1266	-2.2961	0.0566	2.45E-3	1.37E-3	3.90E-3
	CC8	-0.5091	-3.4461	0.1139	1.59E-3	1.04E-3	6.83E-3
	CC9	-3.4706	11.0346	-1.0438	5.43E-3	-6.60E-4	-1.81E-2
	CC10	-2.6266	9.4628	-0.9656	4.25E-3	-1.11E-3	-1.41E-2
	CC11	-4.6363	11.1265	-1.0439	7.67E-3	1.18E-3	-1.78E-2
	CC12	-3.7923	9.5547	-0.9657	6.50E-3	7.31E-4	-1.38E-2
	CC13	3.8469	-9.4560	0.6333	-6.39E-3	-3.58E-3	1.38E-2
	CC14	4.6909	-11.0278	0.7116	-7.56E-3	-4.03E-3	1.78E-2
	CC15	2.6812	-9.3641	0.6333	-4.15E-3	-1.74E-3	1.41E-2
	CC16	3.5252	-10.9359	0.7115	-5.32E-3	-2.19E-3	1.81E-2
246	CC1	0.5313	3.7845	-0.5764	-1.50E-3	-3.63E-3	-6.83E-3
	CC2	1.1630	2.5297	-0.5268	-2.25E-3	-3.97E-3	-3.90E-3
	CC3	2.7728	-2.7049	-0.0881	-4.71E-3	-4.64E-3	2.74E-3
	CC4	3.4045	-3.9596	-0.0385	-5.46E-3	-4.98E-3	5.67E-3
	CC5	-3.3487	4.0492	-0.3983	5.72E-3	2.07E-3	-5.67E-3
	CC6	-2.7170	2.7945	-0.3487	4.97E-3	1.73E-3	-2.74E-3
	CC7	-1.1072	-2.4401	0.0900	2.51E-3	1.06E-3	3.90E-3
	CC8	-0.4755	-3.6948	0.1396	1.76E-3	7.17E-4	6.83E-3
	CC9	-3.5576	11.6781	-1.0929	4.90E-3	-4.00E-4	-1.81E-2
	CC10	-2.6943	9.9632	-1.0250	3.87E-3	-8.65E-4	-1.41E-2
	CC11	-4.7216	11.7575	-1.0395	7.07E-3	1.31E-3	-1.78E-2
	CC12	-3.8583	10.0426	-0.9716	6.04E-3	8.45E-4	-1.38E-2
	CC13	3.9140	-9.9530	0.5348	-5.78E-3	-3.76E-3	1.38E-2
	CC14	4.7774	-11.6679	0.6026	-6.81E-3	-4.23E-3	1.78E-2
	CC15	2.7500	-9.8735	0.5882	-3.61E-3	-2.05E-3	1.41E-2
	CC16	3.6134	-11.5884	0.6561	-4.64E-3	-2.52E-3	1.81E-2
247	CC1	0.4958	4.0261	-0.6970	-1.70E-3	-3.47E-3	-6.83E-3
	CC2	1.1430	2.6658	-0.6560	-2.34E-3	-3.82E-3	-3.90E-3
	CC3	2.7879	-2.8082	-0.2300	-4.46E-3	-4.57E-3	2.74E-3
	CC4	3.4351	-4.1685	-0.1890	-5.10E-3	-4.92E-3	5.67E-3
	CC5	-3.3780	4.2490	-0.3555	5.47E-3	1.97E-3	-5.67E-3
	CC6	-2.7309	2.8887	-0.3144	4.83E-3	1.62E-3	-2.74E-3
	CC7	-1.0859	-2.5853	0.1115	2.70E-3	8.67E-4	3.90E-3
	CC8	-0.4387	-3.9456	0.1525	2.06E-3	5.17E-4	6.83E-3
	CC9	-3.6529	12.3270	-1.1298	4.16E-3	-2.20E-4	-1.81E-2
	CC10	-2.7684	10.4678	-1.0737	3.28E-3	-6.98E-4	-1.41E-2
	CC11	-4.8150	12.3938	-1.0274	6.30E-3	1.41E-3	-1.78E-2

	CC12	-3.9305	10.5346	-0.9713	5.43E-3	9.31E-4	-1.38E-2
	CC13	3.9876	-10.4541	0.4268	-5.07E-3	-3.88E-3	1.38E-2
	CC14	4.8721	-12.3133	0.4829	-5.94E-3	-4.36E-3	1.78E-2
	CC15	2.8254	-10.3873	0.5293	-2.92E-3	-2.25E-3	1.41E-2
	CC16	3.7100	-12.2465	0.5854	-3.79E-3	-2.73E-3	1.81E-2
248	CC1	0.1826	3.9950	-0.6146	-1.18E-3	-3.22E-3	-6.83E-3
	CC2	0.9666	2.6483	-0.5386	-1.95E-3	-3.69E-3	-3.90E-3
	CC3	2.9219	-2.7949	0.0017	-4.53E-3	-4.80E-3	2.74E-3
	CC4	3.7059	-4.1416	0.0777	-5.30E-3	-5.27E-3	5.67E-3
	CC5	-3.6370	4.2233	-0.6263	5.70E-3	2.25E-3	-5.67E-3
	CC6	-2.8530	2.8766	-0.5504	4.93E-3	1.78E-3	-2.74E-3
	CC7	-0.8977	-2.5666	-0.0101	2.36E-3	6.68E-4	3.90E-3
	CC8	-0.1137	-3.9133	0.0659	1.59E-3	1.97E-4	6.83E-3
	CC9	-4.4938	12.2434	-1.3516	5.27E-3	6.25E-4	-1.81E-2
	CC10	-3.4223	10.4028	-1.2478	4.22E-3	-1.87E-5	-1.41E-2
	CC11	-5.6397	12.3119	-1.3552	7.34E-3	2.26E-3	-1.78E-2
	CC12	-4.5682	10.4713	-1.2513	6.29E-3	1.62E-3	-1.38E-2
	CC13	4.6371	-10.3896	0.7027	-5.88E-3	-4.64E-3	1.38E-2
	CC14	5.7086	-12.2302	0.8065	-6.93E-3	-5.29E-3	1.78E-2
	CC15	3.4912	-10.3211	0.6991	-3.81E-3	-3.00E-3	1.41E-2
	CC16	4.5628	-12.1617	0.8029	-4.86E-3	-3.65E-3	1.81E-2
249	CC1	0.3099	3.5263	-0.4174	-1.13E-4	-2.55E-3	-6.83E-3
	CC2	1.0383	2.3843	-0.3212	-1.15E-3	-3.18E-3	-3.90E-3
	CC3	2.8675	-2.5944	0.2542	-4.72E-3	-4.89E-3	2.74E-3
	CC4	3.5959	-3.7363	0.3505	-5.76E-3	-5.52E-3	5.67E-3
	CC5	-3.5317	3.8358	-0.6853	6.12E-3	2.73E-3	-5.67E-3
	CC6	-2.8033	2.6938	-0.5890	5.09E-3	2.10E-3	-2.74E-3
	CC7	-0.9742	-2.2849	-0.0136	1.51E-3	3.89E-4	3.90E-3
	CC8	-0.2458	-3.4269	0.0827	4.76E-4	-2.40E-4	6.83E-3
	CC9	-4.1520	10.9848	-1.3125	7.64E-3	2.14E-3	-1.81E-2
	CC10	-3.1565	9.4241	-1.1809	6.22E-3	1.28E-3	-1.41E-2
	CC11	-5.3045	11.0776	-1.3929	9.51E-3	3.72E-3	-1.78E-2
	CC12	-4.3090	9.5169	-1.2613	8.09E-3	2.86E-3	-1.38E-2
	CC13	4.3731	-9.4175	0.9265	-7.73E-3	-5.66E-3	1.38E-2
	CC14	5.3686	-10.9782	1.0581	-9.15E-3	-6.52E-3	1.78E-2
	CC15	3.2206	-9.3247	0.8461	-5.86E-3	-4.07E-3	1.41E-2
	CC16	4.2161	-10.8854	0.9777	-7.28E-3	-4.93E-3	1.81E-2
250	CC1	0.2073	3.7347	-0.4976	-7.25E-4	-2.94E-3	-6.83E-3
	CC2	0.9805	2.5017	-0.4049	-1.61E-3	-3.49E-3	-3.90E-3
	CC3	2.9114	-2.6836	0.1731	-4.63E-3	-4.90E-3	2.74E-3
	CC4	3.6846	-3.9166	0.2658	-5.52E-3	-5.45E-3	5.67E-3
	CC5	-3.6166	4.0081	-0.6966	5.92E-3	2.49E-3	-5.67E-3
	CC6	-2.8433	2.7751	-0.6040	5.03E-3	1.94E-3	-2.74E-3
	CC7	-0.9125	-2.4102	-0.0259	2.02E-3	5.32E-4	3.90E-3
	CC8	-0.1393	-3.6432	0.0668	1.13E-3	-2.32E-5	6.83E-3
	CC9	-4.4276	11.5445	-1.3668	6.32E-3	1.35E-3	-1.81E-2
	CC10	-3.3708	9.8593	-1.2401	5.10E-3	5.91E-4	-1.41E-2
	CC11	-5.5748	11.6265	-1.4265	8.31E-3	2.98E-3	-1.78E-2
	CC12	-4.5179	9.9413	-1.2998	7.10E-3	2.22E-3	-1.38E-2
	CC13	4.5860	-9.8498	0.8690	-6.70E-3	-5.18E-3	1.38E-2
	CC14	5.6428	-11.5350	0.9957	-7.91E-3	-5.94E-3	1.78E-2
	CC15	3.4388	-9.7678	0.8093	-4.70E-3	-3.55E-3	1.41E-2
	CC16	4.4956	-11.4530	0.9360	-5.92E-3	-4.31E-3	1.81E-2
251	CC1	0.0878	3.4813	-0.3906	-5.68E-4	-2.31E-3	-6.83E-3
	CC2	0.9132	2.3590	-0.2574	-1.49E-3	-3.00E-3	-3.90E-3
	CC3	2.9625	-2.5752	0.4421	-4.64E-3	-4.93E-3	2.74E-3
	CC4	3.7879	-3.6975	0.5754	-5.57E-3	-5.62E-3	5.67E-3
	CC5	-3.7154	3.7986	-0.9045	5.96E-3	2.82E-3	-5.67E-3
	CC6	-2.8899	2.6763	-0.7712	5.04E-3	2.13E-3	-2.74E-3
	CC7	-0.8407	-2.2579	-0.0717	1.89E-3	1.89E-4	3.90E-3
	CC8	-0.0153	-3.3802	0.0615	9.62E-4	-5.01E-4	6.83E-3
	CC9	-4.7485	10.8641	-1.5664	6.64E-3	2.68E-3	-1.81E-2
	CC10	-3.6203	9.3302	-1.3843	5.38E-3	1.74E-3	-1.41E-2
	CC11	-5.8895	10.9593	-1.7206	8.60E-3	4.22E-3	-1.78E-2
	CC12	-4.7613	9.4254	-1.5384	7.34E-3	3.27E-3	-1.38E-2
	CC13	4.8338	-9.3243	1.2093	-6.94E-3	-6.08E-3	1.38E-2
	CC14	5.9620	-10.8581	1.3915	-8.21E-3	-7.02E-3	1.78E-2
	CC15	3.6928	-9.2291	1.0552	-4.98E-3	-4.54E-3	1.41E-2
	CC16	4.8210	-10.7630	1.2373	-6.25E-3	-5.49E-3	1.81E-2
252	CC1	1.5138	3.5834	-0.8849	-4.81E-4	-3.21E-4	-6.83E-3
	CC2	1.7162	2.4165	-0.8732	-5.75E-4	-6.53E-4	-3.90E-3
	CC3	2.3524	-2.6188	-0.5873	-2.42E-3	-2.48E-3	2.74E-3
	CC4	2.5547	-3.7857	-0.5756	-2.51E-3	-2.81E-3	5.67E-3

	CC5	-2.5363	3.8830	0.2370	2.97E-3	1.00E-3	-5.67E-3
	CC6	-2.3340	2.7162	0.2487	2.88E-3	6.69E-4	-2.74E-3
	CC7	-1.6978	-2.3192	0.5345	1.03E-3	-1.15E-3	3.90E-3
	CC8	-1.4954	-3.4860	0.5463	9.37E-4	-1.49E-3	6.83E-3
	CC9	-0.9191	11.1381	-0.8416	3.01E-3	2.72E-3	-1.81E-2
	CC10	-0.6426	9.5433	-0.8255	2.88E-3	2.26E-3	-1.41E-2
	CC11	-2.1342	11.2280	-0.5050	4.04E-3	3.12E-3	-1.78E-2
	CC12	-1.8576	9.6332	-0.4890	3.91E-3	2.66E-3	-1.38E-2
	CC13	1.8760	-9.5359	0.1503	-3.46E-3	-4.47E-3	1.38E-2
	CC14	2.1526	-11.1307	0.1664	-3.58E-3	-4.92E-3	1.78E-2
	CC15	0.6610	-9.4460	0.4869	-2.42E-3	-4.07E-3	1.41E-2
	CC16	0.9375	-11.0408	0.5030	-2.55E-3	-4.53E-3	1.81E-2
253	CC1	1.5070	3.8466	-0.9145	-2.94E-4	-1.32E-3	-6.83E-3
	CC2	1.7124	2.5647	-0.9151	-3.89E-4	-1.63E-3	-3.90E-3
	CC3	2.3554	-2.7314	-0.6914	-2.22E-3	-3.05E-3	2.74E-3
	CC4	2.5607	-4.0132	-0.6920	-2.31E-3	-3.36E-3	5.67E-3
	CC5	-2.5419	4.1006	0.2741	2.92E-3	1.16E-3	-5.67E-3
	CC6	-2.3366	2.8188	0.2735	2.83E-3	8.52E-4	-2.74E-3
	CC7	-1.6936	-2.4773	0.4972	9.99E-4	-5.70E-4	3.90E-3
	CC8	-1.4882	-3.7592	0.4966	9.05E-4	-8.82E-4	6.83E-3
	CC9	-0.9375	11.8448	-0.7587	3.09E-3	1.63E-3	-1.81E-2
	CC10	-0.6569	10.0928	-0.7595	2.96E-3	1.21E-3	-1.41E-2
	CC11	-2.1522	11.9210	-0.4021	4.05E-3	2.38E-3	-1.78E-2
	CC12	-1.8715	10.1690	-0.4029	3.92E-3	1.95E-3	-1.38E-2
	CC13	1.8903	-10.0816	-0.0150	-3.31E-3	-4.15E-3	1.38E-2
	CC14	2.1710	-11.8336	-0.0158	-3.44E-3	-4.57E-3	1.78E-2
	CC15	0.6756	-10.0054	0.3416	-2.35E-3	-3.40E-3	1.41E-2
	CC16	0.9563	-11.7574	0.3408	-2.48E-3	-3.83E-3	1.81E-2
254	CC1	1.3925	4.3200	-1.0454	-4.51E-4	-2.53E-3	-6.83E-3
	CC2	1.6479	2.8313	-1.0655	-6.50E-4	-2.83E-3	-3.90E-3
	CC3	2.4044	-2.9339	-0.8952	-2.55E-3	-3.81E-3	2.74E-3
	CC4	2.6598	-4.4226	-0.9154	-2.75E-3	-4.11E-3	5.67E-3
	CC5	-2.6366	4.4920	0.3159	3.46E-3	1.54E-3	-5.67E-3
	CC6	-2.3812	3.0033	0.2957	3.26E-3	1.24E-3	-2.74E-3
	CC7	-1.6247	-2.7618	0.4660	1.36E-3	2.64E-4	3.90E-3
	CC8	-1.3693	-4.2505	0.4459	1.17E-3	-4.35E-5	6.83E-3
	CC9	-1.2451	13.1160	-0.7404	3.40E-3	4.47E-4	-1.81E-2
	CC10	-0.8961	11.0813	-0.7680	3.13E-3	2.65E-5	-1.41E-2
	CC11	-2.4539	13.1676	-0.3320	4.57E-3	1.67E-3	-1.78E-2
	CC12	-2.1048	11.1329	-0.3596	4.30E-3	1.25E-3	-1.38E-2
	CC13	2.1279	-11.0635	-0.2399	-3.59E-3	-3.82E-3	1.38E-2
	CC14	2.4770	-13.0982	-0.2674	-3.86E-3	-4.24E-3	1.78E-2
	CC15	0.9192	-11.0119	0.1685	-2.41E-3	-2.60E-3	1.41E-2
	CC16	1.2683	-13.0466	0.1409	-2.69E-3	-3.02E-3	1.81E-2
255	CC1	1.5013	4.1089	-0.9780	-4.19E-5	-2.01E-3	-6.83E-3
	CC2	1.7092	2.7124	-0.9911	-2.08E-4	-2.34E-3	-3.90E-3
	CC3	2.3578	-2.8436	-0.8183	-2.26E-3	-3.55E-3	2.74E-3
	CC4	2.5657	-4.2401	-0.8314	-2.43E-3	-3.88E-3	5.67E-3
	CC5	-2.5467	4.3175	0.3222	3.13E-3	1.44E-3	-5.67E-3
	CC6	-2.3388	2.9210	0.3091	2.96E-3	1.12E-3	-2.74E-3
	CC7	-1.6901	-2.6350	0.4820	9.07E-4	-9.37E-5	3.90E-3
	CC8	-1.4823	-4.0315	0.4689	7.41E-4	-4.20E-4	6.83E-3
	CC9	-0.9529	12.5492	-0.7069	3.69E-3	1.05E-3	-1.81E-2
	CC10	-0.6688	10.6406	-0.7249	3.46E-3	6.07E-4	-1.41E-2
	CC11	-2.1673	12.6118	-0.3169	4.64E-3	2.09E-3	-1.78E-2
	CC12	-1.8832	10.7032	-0.3348	4.41E-3	1.64E-3	-1.38E-2
	CC13	1.9022	-10.6257	-0.1744	-3.71E-3	-4.07E-3	1.38E-2
	CC14	2.1863	-12.5343	-0.1923	-3.94E-3	-4.52E-3	1.78E-2
	CC15	0.6878	-10.5631	0.2157	-2.76E-3	-3.04E-3	1.41E-2
	CC16	0.9719	-12.4718	0.1978	-2.99E-3	-3.48E-3	1.81E-2
256	CC1	1.6624	4.3663	-1.0539	9.24E-4	-2.46E-3	-6.83E-3
	CC2	1.7999	2.8573	-1.0849	6.86E-4	-2.78E-3	-3.90E-3
	CC3	2.2890	-2.9537	-1.0118	-1.95E-3	-3.78E-3	2.74E-3
	CC4	2.4264	-4.4626	-1.0427	-2.19E-3	-4.10E-3	5.67E-3
	CC5	-2.4135	4.5303	0.4571	3.03E-3	1.61E-3	-5.67E-3
	CC6	-2.2760	3.0214	0.4261	2.80E-3	1.29E-3	-2.74E-3
	CC7	-1.7869	-2.7897	0.4992	1.62E-4	2.95E-4	3.90E-3
	CC8	-1.6494	-4.2986	0.4683	-7.55E-5	-2.59E-5	6.83E-3
	CC9	-0.5204	13.2403	-0.5686	5.06E-3	5.63E-4	-1.81E-2
	CC10	-0.3325	11.1780	-0.6108	4.73E-3	1.25E-4	-1.41E-2
	CC11	-1.7431	13.2895	-0.1153	5.69E-3	1.78E-3	-1.78E-2
	CC12	-1.5552	11.2272	-0.1576	5.37E-3	1.35E-3	-1.38E-2
	CC13	1.5682	-11.1595	-0.4281	-4.52E-3	-3.83E-3	1.38E-2

	CC14	1.7561	-13.2219	-0.4704	-4.84E-3	-4.27E-3	1.78E-2
	CC15	0.3454	-11.1103	0.0252	-3.88E-3	-2.61E-3	1.41E-2
	CC16	0.5333	-13.1727	-0.0171	-4.21E-3	-3.05E-3	1.81E-2
257	CC1	2.3342	4.2343	-0.7135	4.37E-3	-3.18E-3	-6.83E-3
	CC2	2.1781	2.7830	-0.7801	3.77E-3	-3.43E-3	-3.90E-3
	CC3	2.0016	-2.8973	-1.0861	-1.31E-3	-3.92E-3	2.74E-3
	CC4	1.8455	-4.3486	-1.1527	-1.92E-3	-4.18E-3	5.67E-3
	CC5	-1.8580	4.4212	0.7089	2.91E-3	1.81E-3	-5.67E-3
	CC6	-2.0141	2.9699	0.6423	2.31E-3	1.55E-3	-2.74E-3
	CC7	-2.1906	-2.7104	0.3363	-2.77E-3	1.07E-3	3.90E-3
	CC8	-2.3467	-4.1617	0.2697	-3.38E-3	8.09E-4	6.83E-3
	CC9	1.2837	12.8860	0.2313	1.06E-2	-5.12E-4	-1.81E-2
	CC10	1.0703	10.9025	0.1403	9.77E-3	-8.66E-4	-1.41E-2
	CC11	0.0260	12.9421	0.6580	1.02E-2	9.84E-4	-1.78E-2
	CC12	-0.1873	10.9586	0.5670	9.34E-3	6.30E-4	-1.38E-2
	CC13	0.1748	-10.8859	-1.0108	-8.34E-3	-3.00E-3	1.38E-2
	CC14	-0.0385	-12.8695	-1.1018	-9.17E-3	-3.35E-3	1.78E-2
	CC15	-1.0828	-10.8299	-0.5840	-8.78E-3	-1.50E-3	1.41E-2
	CC16	-1.2962	-12.8134	-0.6751	-9.60E-3	-1.85E-3	1.81E-2
258	CC1	2.1403	4.2245	-0.8274	3.75E-3	-2.74E-3	-6.83E-3
	CC2	2.0690	2.7775	-0.8774	3.25E-3	-3.05E-3	-3.90E-3
	CC3	2.0845	-2.8931	-1.0423	-1.32E-3	-3.87E-3	2.74E-3
	CC4	2.0132	-4.3401	-1.0924	-1.83E-3	-4.18E-3	5.67E-3
	CC5	-2.0183	4.4131	0.6236	2.80E-3	1.81E-3	-5.67E-3
	CC6	-2.0897	2.9661	0.5736	2.30E-3	1.49E-3	-2.74E-3
	CC7	-2.0741	-2.7045	0.4087	-2.27E-3	6.79E-4	3.90E-3
	CC8	-2.1454	-4.1515	0.3587	-2.78E-3	3.66E-4	6.83E-3
	CC9	0.7630	12.8597	-0.0596	9.44E-3	2.21E-4	-1.81E-2
	CC10	0.6655	10.8820	-0.1280	8.74E-3	-2.06E-4	-1.41E-2
	CC11	-0.4846	12.9163	0.3757	9.15E-3	1.59E-3	-1.78E-2
	CC12	-0.5821	10.9386	0.3073	8.46E-3	1.16E-3	-1.38E-2
	CC13	0.5770	-10.8656	-0.7760	-7.48E-3	-3.53E-3	1.38E-2
	CC14	0.4795	-12.8433	-0.8444	-8.18E-3	-3.96E-3	1.78E-2
	CC15	-0.6706	-10.8090	-0.3407	-7.77E-3	-2.17E-3	1.41E-2
	CC16	-0.7681	-12.7867	-0.4091	-8.46E-3	-2.60E-3	1.81E-2
259	CC1	2.0416	4.1277	-0.8438	3.53E-3	-2.48E-3	-6.83E-3
	CC2	2.0134	2.7230	-0.8818	3.06E-3	-2.82E-3	-3.90E-3
	CC3	2.1268	-2.8516	-0.9675	-1.32E-3	-3.80E-3	2.74E-3
	CC4	2.0985	-4.2563	-1.0056	-1.79E-3	-4.14E-3	5.67E-3
	CC5	-2.0999	4.3330	0.5568	2.73E-3	1.82E-3	-5.67E-3
	CC6	-2.1281	2.9283	0.5187	2.26E-3	1.48E-3	-2.74E-3
	CC7	-2.0148	-2.6463	0.4330	-2.12E-3	4.89E-4	3.90E-3
	CC8	-2.0430	-4.0510	0.3950	-2.59E-3	1.48E-4	6.83E-3
	CC9	0.4979	12.5996	-0.2022	8.99E-3	6.37E-4	-1.81E-2
	CC10	0.4594	10.6798	-0.2542	8.35E-3	1.72E-4	-1.41E-2
	CC11	-0.7445	12.6612	0.2180	8.75E-3	1.92E-3	-1.78E-2
	CC12	-0.7831	10.7414	0.1660	8.11E-3	1.46E-3	-1.38E-2
	CC13	0.7817	-10.6647	-0.6148	-7.17E-3	-3.79E-3	1.38E-2
	CC14	0.7432	-12.5845	-0.6668	-7.81E-3	-4.25E-3	1.78E-2
	CC15	-0.4607	-10.6031	-0.1946	-7.41E-3	-2.50E-3	1.41E-2
	CC16	-0.4993	-12.5229	-0.2466	-8.05E-3	-2.96E-3	1.81E-2
260	CC1	2.2246	3.4590	-0.4482	7.65E-3	-2.80E-3	-6.83E-3
	CC2	2.1164	2.3465	-0.4688	6.37E-3	-3.03E-3	-3.90E-3
	CC3	2.0485	-2.5654	-0.6125	-1.79E-3	-3.45E-3	2.74E-3
	CC4	1.9404	-3.6779	-0.6330	-3.08E-3	-3.68E-3	5.67E-3
	CC5	-1.9486	3.7801	0.4032	3.91E-3	2.45E-3	-5.67E-3
	CC6	-2.0568	2.6677	0.3826	2.62E-3	2.21E-3	-2.74E-3
	CC7	-2.1247	-2.2443	0.2389	-5.54E-3	1.80E-3	3.90E-3
	CC8	-2.2328	-3.3567	0.2183	-6.83E-3	1.57E-3	6.83E-3
	CC9	0.9892	10.8038	0.0452	1.76E-2	-1.64E-4	-1.81E-2
	CC10	0.8414	9.2834	0.0171	1.58E-2	-4.81E-4	-1.41E-2
	CC11	-0.2628	10.9002	0.3006	1.65E-2	1.41E-3	-1.78E-2
	CC12	-0.4106	9.3797	0.2725	1.47E-2	1.09E-3	-1.38E-2
	CC13	0.4023	-9.2775	-0.5024	-1.39E-2	-2.33E-3	1.38E-2
	CC14	0.2545	-10.7980	-0.5305	-1.56E-2	-2.64E-3	1.78E-2
	CC15	-0.8496	-9.1812	-0.2470	-1.50E-2	-7.52E-4	1.41E-2
	CC16	-0.9974	-10.7016	-0.2751	-1.68E-2	-1.07E-3	1.81E-2

4.2.2 Sforzo Normale.

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

La terminologia utilizzata è la seguente :

- Asta : numerazione interna al calcolo dell'asta.
 Imp. : livello di appartenenza dell'asta.
 Fili : Fili Fissi delimitanti l'asta.
 L : Lunghezza dell'asta nel modello di calcolo.
 Comb : Combinazione di Carico.
 Ni : Valore dello Sforzo normale nella i-esima sezione.
 X : distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

Tabella 3.I

Sforzo Normale (N) [daN]													
Asta	Imp.	Fili	L [cm]	Comb.	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉
1	Fondazione	1, 2	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	145	426	706	986	1266	1547	1827	2107	2388
				C.C.2	131	403	676	948	1221	1493	1766	2038	2311
				C.C.3	29	260	491	722	952	1183	1414	1645	1876
				C.C.4	14	238	461	684	907	1130	1353	1576	1799
				C.C.5	-52	-280	-508	-737	-965	-1193	-1421	-1649	-1877
				C.C.6	-67	-303	-539	-775	-1010	-1246	-1482	-1718	-1954
				C.C.7	-168	-446	-723	-1001	-1279	-1556	-1834	-2112	-2389
				C.C.8	-183	-468	-754	-1039	-1324	-1610	-1895	-2181	-2466
				C.C.9	219	383	547	710	874	1038	1202	1366	1530
				C.C.10	190	338	487	635	784	932	1081	1229	1378
				C.C.11	160	171	182	194	205	216	227	239	250
				C.C.12	130	126	122	118	114	110	106	102	98
				C.C.13	-168	-169	-170	-171	-172	-173	-174	-175	-176
				C.C.14	-198	-214	-230	-247	-263	-279	-296	-312	-328
				C.C.15	-227	-381	-535	-688	-842	-995	-1149	-1302	-1456
				C.C.16	-257	-426	-595	-763	-932	-1101	-1270	-1439	-1608
2	Fondazione	2, 3	220		(X=0)	(X=28)	(X=55)	(X=83)	(X=110)	(X=138)	(X=165)	(X=193)	(X=L)
				C.C.1	-331	-333	-334	-335	-337	-339	-340	-342	-344
				C.C.2	-282	-276	-269	-263	-256	-249	-243	-237	-230
				C.C.3	580	541	503	465	427	389	352	314	276
				C.C.4	629	598	568	538	508	478	449	419	390
				C.C.5	-506	-475	-443	-411	-380	-348	-317	-285	-254
				C.C.6	-458	-418	-378	-338	-299	-259	-219	-180	-140
				C.C.7	405	400	394	390	385	380	375	370	366
				C.C.8	453	456	459	462	466	469	472	476	479
				C.C.9	-1479	-1430	-1381	-1332	-1283	-1235	-1187	-1139	-1091
				C.C.10	-1383	-1317	-1252	-1187	-1123	-1058	-994	-930	-866
				C.C.11	-1532	-1473	-1413	-1355	-1296	-1238	-1180	-1122	-1064
				C.C.12	-1435	-1360	-1285	-1210	-1135	-1061	-987	-913	-839
				C.C.13	1557	1484	1410	1337	1264	1192	1119	1047	975
				C.C.14	1654	1596	1539	1482	1425	1368	1312	1256	1200
				C.C.15	1505	1441	1378	1314	1251	1189	1126	1064	1002
				C.C.16	1602	1554	1506	1459	1412	1365	1319	1273	1227
3	Fondazione	2, 6	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-1185	12	1208	2406	3605	4806	6010	7218	8430
				C.C.2	-1481	-318	845	2008	3173	4340	5510	6683	7860
				C.C.3	-5186	-4203	-3223	-2245	-1268	-292	683	1660	2637
				C.C.4	-5483	-4533	-3586	-2642	-1699	-758	183	1125	2066
				C.C.5	5986	5002	4020	3042	2065	1089	114	-860	-1836
				C.C.6	5690	4672	3657	2644	1634	624	-386	-1395	-2406
				C.C.7	1985	787	-411	-1609	-2808	-4009	-5212	-6419	-7629
				C.C.8	1688	457	-774	-2006	-3239	-4474	-5712	-6954	-8199
				C.C.9	6139	6838	7541	8249	8962	9681	10406	11137	11876
				C.C.10	5551	6184	6821	7462	8107	8758	9415	10077	10746
				C.C.11	8290	8335	8385	8440	8500	8566	8637	8714	8796
				C.C.12	7702	7681	7664	7652	7646	7643	7646	7654	7667
				C.C.13	-7199	-7212	-7230	-7253	-7280	-7312	-7349	-7390	-7436
				C.C.14	-7787	-7866	-7951	-8040	-8135	-8234	-8340	-8450	-8566
				C.C.15	-5047	-5715	-6387	-7062	-7742	-8427	-9117	-9813	-10516
				C.C.16	-5635	-6369	-7107	-7849	-8597	-9349	-10108	-10873	-11645
4	Fondazione	4, 3	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	-6	200	405	610	816	1021	1227	1432	1638
				C.C.2	1	222	442	663	884	1104	1325	1545	1766

				C.C.3	48	301	554	807	1060	1312	1565	1818	2071
				C.C.4	55	323	591	859	1127	1395	1663	1931	2199
				C.C.5	-88	-359	-631	-902	-1173	-1444	-1716	-1987	-2259
				C.C.6	-81	-337	-593	-849	-1106	-1362	-1618	-1874	-2131
				C.C.7	-34	-258	-482	-706	-930	-1153	-1377	-1601	-1825
				C.C.8	-27	-235	-444	-653	-862	-1071	-1280	-1488	-1697
				C.C.9	-101	-125	-149	-174	-198	-222	-246	-270	-294
				C.C.10	-87	-81	-75	-69	-64	-58	-52	-46	-41
				C.C.11	-126	-293	-460	-627	-794	-962	-1129	-1296	-1463
				C.C.12	-111	-248	-386	-523	-660	-798	-935	-1072	-1210
				C.C.13	79	213	347	480	614	748	882	1016	1150
				C.C.14	93	257	421	585	748	912	1076	1240	1404
				C.C.15	54	45	36	27	18	9	0	-10	-19
				C.C.16	68	89	110	131	152	173	193	214	235
5	Fondazione	3, 5	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-1904	-1414	-925	-436	52	540	1029	1518	2008
				C.C.2	-1944	-1418	-892	-367	157	682	1207	1734	2261
				C.C.3	-1378	-773	-168	436	1041	1647	2253	2861	3471
				C.C.4	-1419	-777	-136	505	1147	1789	2432	3077	3723
				C.C.5	2038	1373	709	46	-618	-1281	-1946	-2612	-3279
				C.C.6	1997	1368	741	115	-512	-1139	-1767	-2396	-3026
				C.C.7	2563	2014	1466	918	372	-175	-721	-1268	-1816
				C.C.8	2522	2009	1498	987	477	-33	-542	-1053	-1563
				C.C.9	-1117	-1184	-1251	-1319	-1388	-1458	-1529	-1600	-1673
				C.C.10	-1199	-1193	-1187	-1183	-1179	-1176	-1174	-1173	-1172
				C.C.11	65	-348	-761	-1175	-1589	-2004	-2421	-2839	-3259
				C.C.12	-16	-357	-697	-1038	-1380	-1723	-2067	-2412	-2758
				C.C.13	635	953	1271	1589	1909	2230	2553	2877	3203
				C.C.14	554	944	1334	1726	2118	2512	2907	3304	3704
				C.C.15	1817	1788	1761	1734	1708	1684	1660	1638	1617
				C.C.16	1736	1780	1824	1870	1917	1965	2015	2066	2118
6	Fondazione	5, 7	100		(X=0)	(X=13)	(X=25)	(X=38)	(X=50)	(X=63)	(X=75)	(X=88)	(X=L)
				C.C.1	-7319	-7624	-7930	-8235	-8541	-8847	-9153	-9459	-9766
				C.C.2	-6539	-6801	-7063	-7326	-7588	-7851	-8115	-8378	-8642
				C.C.3	1575	1754	1933	2112	2291	2470	2650	2829	3008
				C.C.4	2356	2578	2799	3021	3243	3466	3688	3910	4133
				C.C.5	-1299	-1508	-1717	-1926	-2135	-2344	-2553	-2763	-2972
				C.C.6	-519	-685	-851	-1017	-1183	-1349	-1515	-1681	-1848
				C.C.7	7596	7870	8146	8421	8697	8973	9249	9526	9802
				C.C.8	8376	8694	9012	9330	9649	9968	10287	10607	10927
				C.C.9	-15973	-16829	-17687	-18545	-19403	-20262	-21122	-21982	-22843
				C.C.10	-14426	-15198	-15970	-16743	-17516	-18290	-19065	-19840	-20615
				C.C.11	-14166	-14994	-15823	-16652	-17481	-18311	-19142	-19973	-20805
				C.C.12	-12620	-13363	-14107	-14850	-15595	-16340	-17085	-17831	-18577
				C.C.13	13677	14433	15189	15946	16703	17461	18219	18978	19738
				C.C.14	15223	16064	16905	17747	18590	19433	20277	21121	21966
				C.C.15	15483	16267	17053	17838	18625	19412	20199	20987	21776
				C.C.16	17029	17899	18769	19640	20511	21384	22256	23130	24004
7	Fondazione	7, 6	120		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-8362	-8726	-9091	-9456	-9822	-10187	-10554	-10921	-11288
				C.C.2	-6726	-7039	-7352	-7666	-7980	-8294	-8609	-8924	-9240
				C.C.3	3392	3605	3818	4032	4245	4459	4673	4887	5101
				C.C.4	5028	5293	5557	5822	6087	6352	6618	6884	7150
				C.C.5	-4793	-5042	-5291	-5539	-5789	-6038	-6288	-6538	-6788
				C.C.6	-3157	-3354	-3552	-3749	-3947	-4145	-4343	-4541	-4740
				C.C.7	6961	7289	7619	7948	8278	8608	8939	9270	9602
				C.C.8	8597	8977	9357	9738	10120	10501	10884	11267	11650
				C.C.9	-21629	-22651	-23675	-24699	-25725	-26752	-27780	-28809	-29839
				C.C.10	-18387	-19308	-20229	-21152	-22076	-23000	-23926	-24853	-25781
				C.C.11	-20558	-21546	-22535	-23524	-24515	-25507	-26500	-27494	-28489
				C.C.12	-17316	-18202	-19089	-19977	-20866	-21756	-22646	-23538	-24431
				C.C.13	17551	18453	19356	20259	21164	22070	22976	23884	24792
				C.C.14	20793	21797	22801	23807	24813	25821	26830	27840	28851
				C.C.15	18622	19558	20496	21434	22374	23314	24256	25199	26142
				C.C.16	21864	22902	23941	24982	26023	27066	28109	29155	30201
8	Fondazione	6, 10	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	2102	1846	1590	1334	1078	822	566	310	55
				C.C.2	1789	1569	1349	1129	910	690	470	250	30
				C.C.3	-1396	-1248	-1100	-951	-803	-655	-507	-359	-211
				C.C.4	-1709	-1524	-1340	-1156	-972	-788	-604	-419	-235
				C.C.5	1662	1488	1313	1138	964	789	615	440	266
				C.C.6	1350	1211	1072	934	795	657	518	380	241
				C.C.7	-1836	-1606	-1377	-1147	-918	-688	-458	-229	1

				C.C.8	-2148	-1883	-1617	-1352	-1086	-821	-555	-290	-24
				C.C.9	6182	5466	4749	4032	3316	2599	1883	1166	450
				C.C.10	5563	4918	4272	3627	2982	2337	1691	1046	401
				C.C.11	6050	5358	4666	3974	3281	2589	1897	1205	513
				C.C.12	5431	4810	4189	3568	2947	2327	1706	1085	465
				C.C.13	-5478	-4847	-4216	-3586	-2955	-2325	-1695	-1064	-434
				C.C.14	-6097	-5395	-4693	-3991	-3289	-2588	-1886	-1184	-483
				C.C.15	-5610	-4955	-4300	-3645	-2990	-2335	-1680	-1025	-371
				C.C.16	-6229	-5502	-4776	-4050	-3324	-2598	-1872	-1145	-419
9	Fondazione	7, 14	185		(X=0)	(X=23)	(X=46)	(X=69)	(X=93)	(X=116)	(X=139)	(X=162)	(X=L)
				C.C.1	1621	1748	1877	2005	2134	2263	2392	2522	2652
				C.C.2	1321	1451	1582	1713	1844	1975	2106	2238	2370
				C.C.3	-561	-434	-307	-179	-52	75	203	330	457
				C.C.4	-861	-731	-601	-472	-342	-213	-83	46	176
				C.C.5	5825	5693	5562	5431	5301	5172	5044	4916	4790
				C.C.6	5526	5396	5267	5139	5011	4884	4758	4633	4508
				C.C.7	3643	3511	3378	3247	3116	2985	2855	2725	2595
				C.C.8	3344	3214	3084	2954	2826	2697	2569	2441	2314
				C.C.9	5785	5821	5858	5896	5935	5974	6015	6056	6098
				C.C.10	5191	5232	5274	5317	5360	5404	5449	5494	5541
				C.C.11	7046	7004	6964	6924	6885	6847	6810	6775	6740
				C.C.12	6453	6416	6380	6345	6310	6277	6244	6213	6182
				C.C.13	-1489	-1454	-1419	-1385	-1351	-1317	-1283	-1250	-1216
				C.C.14	-2082	-2042	-2003	-1964	-1926	-1887	-1849	-1812	-1774
				C.C.15	-227	-270	-314	-357	-401	-444	-488	-531	-575
				C.C.16	-820	-859	-898	-936	-975	-1015	-1054	-1093	-1133
10	Fondazione	9, 8	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	-110	-359	-609	-858	-1108	-1357	-1607	-1856	-2106
				C.C.2	-90	-304	-518	-732	-946	-1161	-1375	-1589	-1803
				C.C.3	138	286	434	582	730	878	1026	1174	1323
				C.C.4	158	342	525	708	892	1075	1258	1442	1625
				C.C.5	-188	-363	-538	-714	-889	-1065	-1240	-1415	-1591
				C.C.6	-168	-308	-448	-588	-728	-868	-1008	-1148	-1288
				C.C.7	61	283	505	727	949	1171	1393	1615	1837
				C.C.8	81	338	595	853	1110	1368	1625	1883	2140
				C.C.9	-437	-1141	-1846	-2550	-3255	-3959	-4664	-5369	-6074
				C.C.10	-397	-1031	-1666	-2301	-2935	-3570	-4204	-4839	-5474
				C.C.11	-460	-1142	-1825	-2507	-3189	-3872	-4554	-5237	-5919
				C.C.12	-420	-1033	-1645	-2257	-2870	-3482	-4094	-4707	-5320
				C.C.13	391	1011	1631	2252	2872	3492	4113	4733	5354
				C.C.14	430	1121	1811	2501	3192	3882	4573	5263	5954
				C.C.15	368	1010	1652	2295	2938	3580	4223	4866	5508
				C.C.16	407	1120	1832	2545	3257	3970	4683	5395	6108
11	Fondazione	8, 11	186		(X=0)	(X=23)	(X=47)	(X=70)	(X=93)	(X=116)	(X=140)	(X=163)	(X=L)
				C.C.1	520	560	599	639	680	720	760	800	841
				C.C.2	494	539	584	628	674	719	764	809	855
				C.C.3	118	181	244	308	371	434	497	560	624
				C.C.4	93	161	228	297	365	433	501	569	637
				C.C.5	1143	1083	1023	963	904	844	785	726	667
				C.C.6	1117	1062	1007	952	898	843	789	735	681
				C.C.7	742	705	668	631	595	558	522	486	449
				C.C.8	716	684	652	620	589	557	526	495	463
				C.C.9	1219	1194	1170	1146	1121	1098	1074	1050	1027
				C.C.10	1167	1153	1138	1124	1110	1095	1082	1068	1054
				C.C.11	1406	1351	1297	1243	1189	1135	1081	1028	975
				C.C.12	1354	1310	1265	1221	1177	1133	1089	1045	1002
				C.C.13	-119	-66	-14	39	92	144	197	249	302
				C.C.14	-170	-108	-45	17	80	142	205	267	330
				C.C.15	68	91	113	136	159	182	204	227	250
				C.C.16	17	49	82	114	147	179	212	245	277
12	Fondazione	12, 11	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-175	-366	-557	-747	-938	-1128	-1319	-1509	-1700
				C.C.2	-145	-300	-454	-609	-764	-919	-1073	-1228	-1383
				C.C.3	11	168	324	480	637	793	949	1106	1262
				C.C.4	42	234	426	618	810	1002	1195	1387	1579
				C.C.5	-69	-264	-458	-653	-847	-1042	-1236	-1431	-1625
				C.C.6	-39	-197	-356	-515	-673	-832	-991	-1150	-1308
				C.C.7	118	270	422	575	727	879	1032	1184	1337
				C.C.8	148	336	524	713	901	1089	1277	1465	1654
				C.C.9	-371	-985	-1599	-2213	-2828	-3442	-4056	-4671	-5285
				C.C.10	-311	-854	-1397	-1940	-2483	-3027	-3570	-4113	-4657
				C.C.11	-339	-954	-1570	-2185	-2801	-3416	-4031	-4647	-5262
				C.C.12	-279	-823	-1367	-1912	-2456	-3001	-3545	-4090	-4634

				C.C.13	251	793	1335	1877	2420	2962	3504	4046	4588
				C.C.14	312	925	1538	2151	2764	3377	3990	4603	5216
				C.C.15	283	824	1365	1906	2447	2988	3528	4069	4610
				C.C.16	343	955	1567	2179	2791	3403	4015	4627	5239
13	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	551	323	94	-135	-363	-592	-821	-1050	-1278
				C.C.2	684	499	313	127	-59	-244	-430	-616	-801
				C.C.3	1499	1686	1874	2062	2249	2437	2625	2813	3001
				C.C.4	1632	1862	2093	2324	2554	2785	3016	3247	3478
				C.C.5	-1578	-1811	-2045	-2278	-2512	-2746	-2979	-3213	-3447
				C.C.6	-1445	-1636	-1826	-2017	-2207	-2398	-2588	-2779	-2970
				C.C.7	-631	-448	-265	-82	101	284	467	649	832
				C.C.8	-498	-272	-46	180	406	632	857	1083	1309
				C.C.9	-1364	-2102	-2839	-3576	-4313	-5051	-5788	-6526	-7263
				C.C.10	-1101	-1753	-2405	-3057	-3709	-4361	-5014	-5666	-6318
				C.C.11	-2003	-2742	-3480	-4219	-4958	-5697	-6436	-7175	-7914
				C.C.12	-1740	-2393	-3047	-3700	-4354	-5008	-5661	-6315	-6969
				C.C.13	1793	2444	3095	3745	4396	5047	5698	6349	7000
				C.C.14	2057	2793	3528	4264	5000	5736	6472	7209	7945
				C.C.15	1155	1804	2453	3102	3752	4401	5050	5700	6349
				C.C.16	1418	2152	2887	3621	4356	5090	5825	6560	7294
14	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	3446	3217	2989	2760	2531	2303	2074	1846	1617
				C.C.2	2967	2782	2596	2410	2225	2039	1854	1668	1483
				C.C.3	-941	-753	-565	-377	-189	-1	186	374	562
				C.C.4	-1419	-1188	-958	-727	-496	-265	-34	197	428
				C.C.5	2043	1809	1575	1342	1108	874	641	407	174
				C.C.6	1564	1373	1183	992	801	611	420	230	39
				C.C.7	-2344	-2161	-1978	-1795	-1613	-1430	-1247	-1064	-882
				C.C.8	-2823	-2597	-2371	-2145	-1919	-1693	-1468	-1242	-1016
				C.C.9	8308	7570	6833	6095	5358	4621	3883	3146	2409
				C.C.10	7359	6707	6055	5402	4750	4098	3446	2794	2142
				C.C.11	7887	7148	6409	5670	4931	4192	3453	2715	1976
				C.C.12	6938	6284	5631	4977	4323	3670	3016	2363	1709
				C.C.13	-6315	-5664	-5013	-4362	-3711	-3060	-2409	-1759	-1108
				C.C.14	-7263	-6527	-5791	-5055	-4319	-3583	-2847	-2111	-1375
				C.C.15	-6736	-6086	-5437	-4787	-4138	-3489	-2840	-2190	-1541
				C.C.16	-7684	-6949	-6215	-5480	-4746	-4011	-3277	-2542	-1808
15	Fondazione	14, 13	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	1706	1516	1326	1135	945	754	564	374	183
				C.C.2	1389	1235	1080	926	771	616	462	307	153
				C.C.3	-1256	-1100	-943	-787	-630	-473	-317	-161	-4
				C.C.4	-1573	-1381	-1188	-996	-804	-611	-419	-227	-34
				C.C.5	1621	1427	1232	1037	843	648	454	259	64
				C.C.6	1304	1146	987	828	669	510	351	193	34
				C.C.7	-1341	-1189	-1037	-884	-732	-580	-428	-275	-123
				C.C.8	-1658	-1470	-1282	-1094	-906	-718	-530	-342	-154
				C.C.9	5289	4674	4060	3446	2832	2217	1603	989	375
				C.C.10	4660	4117	3574	3031	2487	1944	1401	858	315
				C.C.11	5263	4647	4032	3416	2801	2186	1570	955	339
				C.C.12	4635	4090	3546	3001	2457	1912	1368	823	279
				C.C.13	-4586	-4044	-3502	-2960	-2418	-1876	-1333	-791	-249
				C.C.14	-5215	-4601	-3988	-3375	-2762	-2149	-1536	-923	-310
				C.C.15	-4612	-4071	-3530	-2989	-2448	-1907	-1367	-826	-285
				C.C.16	-5240	-4628	-4016	-3404	-2793	-2181	-1569	-957	-345
16	Piano 1	2	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	10434	10395	10355	10316	10277	-	-	-	-
				C.C.2	8484	8444	8405	8366	8326	-	-	-	-
				C.C.3	-5574	-5613	-5653	-5692	-5731	-	-	-	-
				C.C.4	-7524	-7564	-7603	-7642	-7682	-	-	-	-
				C.C.5	-2001	-2041	-2080	-2119	-2159	-	-	-	-
				C.C.6	-3952	-3991	-4030	-4070	-4109	-	-	-	-
				C.C.7	-18009	-18049	-18088	-18128	-18167	-	-	-	-
				C.C.8	-19960	-19999	-20038	-20078	-20117	-	-	-	-
				C.C.9	25715	25675	25636	25597	25557	-	-	-	-
				C.C.10	21850	21811	21772	21732	21693	-	-	-	-
				C.C.11	21984	21945	21905	21866	21827	-	-	-	-
				C.C.12	18120	18080	18041	18002	17962	-	-	-	-
				C.C.13	-27645	-27685	-27724	-27763	-27803	-	-	-	-
				C.C.14	-31510	-31549	-31589	-31628	-31667	-	-	-	-
				C.C.15	-31376	-31415	-31455	-31494	-31533	-	-	-	-
				C.C.16	-35240	-35280	-35319	-35359	-35398	-	-	-	-
17	Piano 1	3	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-

				C.C.1	-11188	-11227	-11266	-11306	-11345	-	-	-	-
				C.C.2	-9364	-9403	-9443	-9482	-9521	-	-	-	-
				C.C.3	2293	2253	2214	2175	2135	-	-	-	-
				C.C.4	4117	4077	4038	3999	3959	-	-	-	-
				C.C.5	-15009	-15048	-15088	-15127	-15167	-	-	-	-
				C.C.6	-13185	-13224	-13264	-13303	-13343	-	-	-	-
				C.C.7	-1529	-1568	-1607	-1647	-1686	-	-	-	-
				C.C.8	295	256	217	177	138	-	-	-	-
				C.C.9	-29147	-29187	-29226	-29266	-29305	-	-	-	-
				C.C.10	-25534	-25573	-25612	-25652	-25691	-	-	-	-
				C.C.11	-30294	-30333	-30373	-30412	-30451	-	-	-	-
				C.C.12	-26680	-26719	-26759	-26798	-26837	-	-	-	-
				C.C.13	15788	15748	15709	15669	15630	-	-	-	-
				C.C.14	19402	19362	19323	19283	19244	-	-	-	-
				C.C.15	14641	14602	14562	14523	14484	-	-	-	-
				C.C.16	18255	18216	18176	18137	18098	-	-	-	-
18	Piano 1	6	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-12843	-12902	-12961	-13020	-13079	-	-	-	-
				C.C.2	-13380	-13439	-13499	-13558	-13617	-	-	-	-
				C.C.3	-16078	-16137	-16196	-16255	-16314	-	-	-	-
				C.C.4	-16615	-16674	-16733	-16792	-16851	-	-	-	-
				C.C.5	-1375	-1434	-1493	-1552	-1611	-	-	-	-
				C.C.6	-1912	-1971	-2030	-2089	-2148	-	-	-	-
				C.C.7	-4609	-4668	-4728	-4787	-4846	-	-	-	-
				C.C.8	-5147	-5206	-5265	-5324	-5383	-	-	-	-
				C.C.9	-4791	-4850	-4910	-4969	-5028	-	-	-	-
				C.C.10	-5856	-5915	-5974	-6034	-6093	-	-	-	-
				C.C.11	-1351	-1410	-1469	-1528	-1587	-	-	-	-
				C.C.12	-2416	-2475	-2534	-2593	-2652	-	-	-	-
				C.C.13	-15574	-15633	-15692	-15751	-15810	-	-	-	-
				C.C.14	-16639	-16698	-16757	-16816	-16875	-	-	-	-
				C.C.15	-12133	-12193	-12252	-12311	-12370	-	-	-	-
				C.C.16	-13198	-13257	-13317	-13376	-13435	-	-	-	-
19	Piano 1	8	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-11797	-11857	-11916	-11975	-12034	-	-	-	-
				C.C.2	-10787	-10846	-10905	-10964	-11023	-	-	-	-
				C.C.3	2223	2164	2105	2046	1987	-	-	-	-
				C.C.4	3234	3174	3115	3056	2997	-	-	-	-
				C.C.5	-10529	-10588	-10647	-10706	-10765	-	-	-	-
				C.C.6	-9518	-9577	-9636	-9695	-9754	-	-	-	-
				C.C.7	3492	3433	3373	3314	3255	-	-	-	-
				C.C.8	4502	4443	4384	4325	4266	-	-	-	-
				C.C.9	-28206	-28266	-28325	-28384	-28443	-	-	-	-
				C.C.10	-26204	-26263	-26322	-26381	-26440	-	-	-	-
				C.C.11	-27826	-27885	-27944	-28003	-28062	-	-	-	-
				C.C.12	-25823	-25882	-25941	-26001	-26060	-	-	-	-
				C.C.13	18528	18469	18410	18351	18292	-	-	-	-
				C.C.14	20531	20472	20412	20353	20294	-	-	-	-
				C.C.15	18909	18850	18791	18732	18672	-	-	-	-
				C.C.16	20911	20852	20793	20734	20675	-	-	-	-
20	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	97	97	97	97	97	97	97	97	97
				C.C.2	97	97	97	97	97	97	97	97	97
				C.C.3	97	97	97	97	97	97	97	97	97
				C.C.4	97	97	97	97	97	97	97	97	97
				C.C.5	97	97	97	97	97	97	97	97	97
				C.C.6	97	97	97	97	97	97	97	97	97
				C.C.7	97	97	97	97	97	97	97	97	97
				C.C.8	97	97	97	97	97	97	97	97	97
				C.C.9	97	97	97	97	97	97	97	97	97
				C.C.10	97	97	97	97	97	97	97	97	97
				C.C.11	97	97	97	97	97	97	97	97	97
				C.C.12	97	97	97	97	97	97	97	97	97
				C.C.13	97	97	97	97	97	97	97	97	97
				C.C.14	97	97	97	97	97	97	97	97	97
				C.C.15	97	97	97	97	97	97	97	97	97
				C.C.16	97	97	97	97	97	97	97	97	97
21	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	356	356	356	356	356	356	356	356	356
				C.C.2	356	356	356	356	356	356	356	356	356
				C.C.3	356	356	356	356	356	356	356	356	356
				C.C.4	356	356	356	356	356	356	356	356	356
				C.C.5	356	356	356	356	356	356	356	356	356

				C.C.6	356	356	356	356	356	356	356	356	356
				C.C.7	356	356	356	356	356	356	356	356	356
				C.C.8	356	356	356	356	356	356	356	356	356
				C.C.9	356	356	356	356	356	356	356	356	356
				C.C.10	356	356	356	356	356	356	356	356	356
				C.C.11	356	356	356	356	356	356	356	356	356
				C.C.12	356	356	356	356	356	356	356	356	356
				C.C.13	356	356	356	356	356	356	356	356	356
				C.C.14	356	356	356	356	356	356	356	356	356
				C.C.15	356	356	356	356	356	356	356	356	356
				C.C.16	356	356	356	356	356	356	356	356	356
22	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.2	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.3	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.4	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.5	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.6	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.7	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.8	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.9	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.10	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.11	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.12	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.13	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.14	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.15	-94	-94	-94	-94	-94	-94	-94	-94	-94
				C.C.16	-94	-94	-94	-94	-94	-94	-94	-94	-94
23	Piano 2	21, 2	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.2	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.3	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.4	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.5	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.6	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.7	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.8	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.9	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.10	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.11	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.12	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.13	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.14	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.15	-21	-21	-21	-21	-21	-21	-21	-21	-21
				C.C.16	-21	-21	-21	-21	-21	-21	-21	-21	-21
24	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.2	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.3	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.4	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.5	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.6	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.7	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.8	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.9	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.10	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.11	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.12	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.13	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.14	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.15	-710	-710	-710	-710	-710	-710	-710	-710	-710
				C.C.16	-710	-710	-710	-710	-710	-710	-710	-710	-710
25	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.2	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.3	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.4	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.5	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.6	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.7	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.8	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.9	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.10	-378	-378	-378	-378	-378	-378	-378	-378	-378

				C.C.11	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.12	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.13	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.14	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.15	-378	-378	-378	-378	-378	-378	-378	-378	-378
				C.C.16	-378	-378	-378	-378	-378	-378	-378	-378	-378
26	Piano 2	3, 20	20		(X=0)	(X=3)	(X=5)	(X=8)	(X=10)	(X=13)	(X=15)	(X=18)	(X=L)
				C.C.1	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.2	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.3	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.4	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.5	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.6	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.7	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.8	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.9	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.10	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.11	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.12	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.13	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.14	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.15	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.16	-33	-33	-33	-33	-33	-33	-33	-33	-33
27	Piano 2	2	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	11123	10950	10778	10606	10434	-	-	-	-
				C.C.2	9172	9000	8828	8656	8484	-	-	-	-
				C.C.3	-4885	-5058	-5230	-5402	-5574	-	-	-	-
				C.C.4	-6836	-7008	-7180	-7352	-7524	-	-	-	-
				C.C.5	-1313	-1485	-1657	-1829	-2001	-	-	-	-
				C.C.6	-3263	-3435	-3607	-3780	-3952	-	-	-	-
				C.C.7	-17321	-17493	-17665	-17837	-18009	-	-	-	-
				C.C.8	-19271	-19443	-19615	-19788	-19960	-	-	-	-
				C.C.9	26403	26231	26059	25887	25715	-	-	-	-
				C.C.10	22539	22367	22195	22022	21850	-	-	-	-
				C.C.11	22673	22501	22328	22156	21984	-	-	-	-
				C.C.12	18808	18636	18464	18292	18120	-	-	-	-
				C.C.13	-26957	-27129	-27301	-27473	-27645	-	-	-	-
				C.C.14	-30821	-30993	-31166	-31338	-31510	-	-	-	-
				C.C.15	-30687	-30860	-31032	-31204	-31376	-	-	-	-
				C.C.16	-34552	-34724	-34896	-35068	-35240	-	-	-	-
28	Piano 2	3	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-10499	-10671	-10843	-11016	-11188	-	-	-	-
				C.C.2	-8675	-8847	-9020	-9192	-9364	-	-	-	-
				C.C.3	2981	2809	2637	2465	2293	-	-	-	-
				C.C.4	4805	4633	4461	4289	4117	-	-	-	-
				C.C.5	-14321	-14493	-14665	-14837	-15009	-	-	-	-
				C.C.6	-12497	-12669	-12841	-13013	-13185	-	-	-	-
				C.C.7	-840	-1012	-1184	-1356	-1529	-	-	-	-
				C.C.8	984	812	640	468	295	-	-	-	-
				C.C.9	-28459	-28631	-28803	-28975	-29147	-	-	-	-
				C.C.10	-24845	-25017	-25189	-25361	-25534	-	-	-	-
				C.C.11	-29605	-29778	-29950	-30122	-30294	-	-	-	-
				C.C.12	-25991	-26164	-26336	-26508	-26680	-	-	-	-
				C.C.13	16476	16304	16132	15960	15788	-	-	-	-
				C.C.14	20090	19918	19746	19574	19402	-	-	-	-
				C.C.15	15330	15158	14985	14813	14641	-	-	-	-
				C.C.16	18944	18772	18599	18427	18255	-	-	-	-
29	Piano 2	6	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-11810	-12068	-12327	-12585	-12843	-	-	-	-
				C.C.2	-12348	-12606	-12864	-13122	-13380	-	-	-	-
				C.C.3	-15045	-15303	-15561	-15820	-16078	-	-	-	-
				C.C.4	-15582	-15841	-16099	-16357	-16615	-	-	-	-
				C.C.5	-342	-600	-858	-1116	-1375	-	-	-	-
				C.C.6	-879	-1138	-1396	-1654	-1912	-	-	-	-
				C.C.7	-3577	-3835	-4093	-4351	-4609	-	-	-	-
				C.C.8	-4114	-4372	-4631	-4889	-5147	-	-	-	-
				C.C.9	-3759	-4017	-4275	-4533	-4791	-	-	-	-
				C.C.10	-4824	-5082	-5340	-5598	-5856	-	-	-	-
				C.C.11	-318	-576	-835	-1093	-1351	-	-	-	-
				C.C.12	-1383	-1641	-1900	-2158	-2416	-	-	-	-
				C.C.13	-14541	-14799	-15058	-15316	-15574	-	-	-	-
				C.C.14	-15606	-15864	-16123	-16381	-16639	-	-	-	-
				C.C.15	-11101	-11359	-11617	-11875	-12133	-	-	-	-

				C.C.16	-12166	-12424	-12682	-12940	-13198	-	-	-	-
30	Piano 2	8	68		(X=0)	(X=17)	(X=34)	(X=51)	(X=L)	-	-	-	-
				C.C.1	-11735	-11793	-11850	-11908	-11965	-	-	-	-
				C.C.2	-11096	-11154	-11211	-11268	-11326	-	-	-	-
				C.C.3	-6348	-6405	-6462	-6520	-6577	-	-	-	-
				C.C.4	-5708	-5766	-5823	-5880	-5938	-	-	-	-
				C.C.5	-4049	-4106	-4163	-4221	-4278	-	-	-	-
				C.C.6	-3409	-3467	-3524	-3581	-3639	-	-	-	-
				C.C.7	1339	1282	1224	1167	1110	-	-	-	-
				C.C.8	1978	1921	1864	1806	1749	-	-	-	-
				C.C.9	-15645	-15702	-15759	-15817	-15874	-	-	-	-
				C.C.10	-14378	-14435	-14493	-14550	-14607	-	-	-	-
				C.C.11	-13338	-13396	-13453	-13511	-13568	-	-	-	-
				C.C.12	-12072	-12129	-12187	-12244	-12301	-	-	-	-
				C.C.13	2315	2258	2200	2143	2085	-	-	-	-
				C.C.14	3582	3524	3467	3409	3352	-	-	-	-
				C.C.15	4621	4564	4506	4449	4391	-	-	-	-
				C.C.16	5888	5830	5773	5715	5658	-	-	-	-
31	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	270	270	270	270	270	270	270	270	270
				C.C.2	270	270	270	270	270	270	270	270	270
				C.C.3	270	270	270	270	270	270	270	270	270
				C.C.4	270	270	270	270	270	270	270	270	270
				C.C.5	270	270	270	270	270	270	270	270	270
				C.C.6	270	270	270	270	270	270	270	270	270
				C.C.7	270	270	270	270	270	270	270	270	270
				C.C.8	270	270	270	270	270	270	270	270	270
				C.C.9	270	270	270	270	270	270	270	270	270
				C.C.10	270	270	270	270	270	270	270	270	270
				C.C.11	270	270	270	270	270	270	270	270	270
				C.C.12	270	270	270	270	270	270	270	270	270
				C.C.13	270	270	270	270	270	270	270	270	270
				C.C.14	270	270	270	270	270	270	270	270	270
				C.C.15	270	270	270	270	270	270	270	270	270
				C.C.16	270	270	270	270	270	270	270	270	270
32	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	46	46	46	46	46	46	46	46	46
				C.C.2	46	46	46	46	46	46	46	46	46
				C.C.3	46	46	46	46	46	46	46	46	46
				C.C.4	46	46	46	46	46	46	46	46	46
				C.C.5	46	46	46	46	46	46	46	46	46
				C.C.6	46	46	46	46	46	46	46	46	46
				C.C.7	46	46	46	46	46	46	46	46	46
				C.C.8	46	46	46	46	46	46	46	46	46
				C.C.9	46	46	46	46	46	46	46	46	46
				C.C.10	46	46	46	46	46	46	46	46	46
				C.C.11	46	46	46	46	46	46	46	46	46
				C.C.12	46	46	46	46	46	46	46	46	46
				C.C.13	46	46	46	46	46	46	46	46	46
				C.C.14	46	46	46	46	46	46	46	46	46
				C.C.15	46	46	46	46	46	46	46	46	46
				C.C.16	46	46	46	46	46	46	46	46	46
33	Piano 3	5, 8	43		(X=0)	(X=5)	(X=11)	(X=16)	(X=21)	(X=27)	(X=32)	(X=37)	(X=L)
				C.C.1	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.2	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.3	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.4	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.5	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.6	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.7	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.8	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.9	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.10	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.11	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.12	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.13	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.14	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.15	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.16	-68	-68	-68	-68	-68	-68	-68	-68	-68
34	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.2	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.3	-313	-313	-313	-313	-313	-313	-313	-313	-313

				C.C.4	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.5	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.6	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.7	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.8	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.9	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.10	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.11	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.12	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.13	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.14	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.15	-313	-313	-313	-313	-313	-313	-313	-313	-313
				C.C.16	-313	-313	-313	-313	-313	-313	-313	-313	-313
35	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.2	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.3	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.4	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.5	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.6	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.7	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.8	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.9	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.10	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.11	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.12	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.13	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.14	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.15	-814	-814	-814	-814	-814	-814	-814	-814	-814
				C.C.16	-814	-814	-814	-814	-814	-814	-814	-814	-814
36	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.2	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.3	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.4	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.5	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.6	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.7	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.8	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.9	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.10	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.11	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.12	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.13	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.14	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.15	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.16	-482	-482	-482	-482	-482	-482	-482	-482	-482
37	Piano 3	24, 6	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	67	67	67	67	67	67	67	67	67
				C.C.2	67	67	67	67	67	67	67	67	67
				C.C.3	67	67	67	67	67	67	67	67	67
				C.C.4	67	67	67	67	67	67	67	67	67
				C.C.5	67	67	67	67	67	67	67	67	67
				C.C.6	67	67	67	67	67	67	67	67	67
				C.C.7	67	67	67	67	67	67	67	67	67
				C.C.8	67	67	67	67	67	67	67	67	67
				C.C.9	67	67	67	67	67	67	67	67	67
				C.C.10	67	67	67	67	67	67	67	67	67
				C.C.11	67	67	67	67	67	67	67	67	67
				C.C.12	67	67	67	67	67	67	67	67	67
				C.C.13	67	67	67	67	67	67	67	67	67
				C.C.14	67	67	67	67	67	67	67	67	67
				C.C.15	67	67	67	67	67	67	67	67	67
				C.C.16	67	67	67	67	67	67	67	67	67
38	Piano 3	8, 25	36		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=27)	(X=31)	(X=L)
				C.C.1	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.2	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.3	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.4	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.5	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.6	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.7	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.8	-19	-19	-19	-19	-19	-19	-19	-19	-19

				C.C.9	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.10	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.11	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.12	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.13	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.14	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.15	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.16	-19	-19	-19	-19	-19	-19	-19	-19	-19
39	Piano 3	8, 25	37		(X=0)	(X=5)	(X=9)	(X=14)	(X=18)	(X=23)	(X=28)	(X=32)	(X=L)
				C.C.1	9	9	9	9	9	9	9	9	9
				C.C.2	9	9	9	9	9	9	9	9	9
				C.C.3	9	9	9	9	9	9	9	9	9
				C.C.4	9	9	9	9	9	9	9	9	9
				C.C.5	9	9	9	9	9	9	9	9	9
				C.C.6	9	9	9	9	9	9	9	9	9
				C.C.7	9	9	9	9	9	9	9	9	9
				C.C.8	9	9	9	9	9	9	9	9	9
				C.C.9	9	9	9	9	9	9	9	9	9
				C.C.10	9	9	9	9	9	9	9	9	9
				C.C.11	9	9	9	9	9	9	9	9	9
				C.C.12	9	9	9	9	9	9	9	9	9
				C.C.13	9	9	9	9	9	9	9	9	9
				C.C.14	9	9	9	9	9	9	9	9	9
				C.C.15	9	9	9	9	9	9	9	9	9
				C.C.16	9	9	9	9	9	9	9	9	9
40	Piano 3	8, 25	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	2	2	2	2	2	2	2	2	2
				C.C.2	2	2	2	2	2	2	2	2	2
				C.C.3	2	2	2	2	2	2	2	2	2
				C.C.4	2	2	2	2	2	2	2	2	2
				C.C.5	2	2	2	2	2	2	2	2	2
				C.C.6	2	2	2	2	2	2	2	2	2
				C.C.7	2	2	2	2	2	2	2	2	2
				C.C.8	2	2	2	2	2	2	2	2	2
				C.C.9	2	2	2	2	2	2	2	2	2
				C.C.10	2	2	2	2	2	2	2	2	2
				C.C.11	2	2	2	2	2	2	2	2	2
				C.C.12	2	2	2	2	2	2	2	2	2
				C.C.13	2	2	2	2	2	2	2	2	2
				C.C.14	2	2	2	2	2	2	2	2	2
				C.C.15	2	2	2	2	2	2	2	2	2
				C.C.16	2	2	2	2	2	2	2	2	2
41	Piano 3	6	238		(X=0)	(X=60)	(X=119)	(X=179)	(X=L)	-	-	-	-
				C.C.1	-11007	-11208	-11409	-11609	-11810	-	-	-	-
				C.C.2	-11544	-11745	-11946	-12147	-12348	-	-	-	-
				C.C.3	-14242	-14443	-14643	-14844	-15045	-	-	-	-
				C.C.4	-14779	-14980	-15181	-15382	-15582	-	-	-	-
				C.C.5	461	261	60	-141	-342	-	-	-	-
				C.C.6	-76	-277	-478	-679	-879	-	-	-	-
				C.C.7	-2773	-2974	-3175	-3376	-3577	-	-	-	-
				C.C.8	-3311	-3512	-3713	-3913	-4114	-	-	-	-
				C.C.9	-2955	-3156	-3357	-3558	-3759	-	-	-	-
				C.C.10	-4020	-4221	-4422	-4623	-4824	-	-	-	-
				C.C.11	485	284	83	-117	-318	-	-	-	-
				C.C.12	-580	-781	-982	-1182	-1383	-	-	-	-
				C.C.13	-13738	-13939	-14140	-14340	-14541	-	-	-	-
				C.C.14	-14803	-15004	-15205	-15405	-15606	-	-	-	-
				C.C.15	-10297	-10498	-10699	-10900	-11101	-	-	-	-
				C.C.16	-11362	-11563	-11764	-11965	-12166	-	-	-	-
42	Piano 3	8	476		(X=0)	(X=119)	(X=238)	(X=357)	(X=L)	-	-	-	-
				C.C.1	-14646	-15047	-15449	-15851	-16252	-	-	-	-
				C.C.2	-13843	-14245	-14647	-15048	-15450	-	-	-	-
				C.C.3	-6350	-6752	-7153	-7555	-7957	-	-	-	-
				C.C.4	-5548	-5949	-6351	-6753	-7154	-	-	-	-
				C.C.5	-6139	-6540	-6942	-7344	-7745	-	-	-	-
				C.C.6	-5336	-5738	-6139	-6541	-6943	-	-	-	-
				C.C.7	2157	1755	1354	952	550	-	-	-	-
				C.C.8	2960	2558	2156	1755	1353	-	-	-	-
				C.C.9	-21740	-22142	-22544	-22945	-23347	-	-	-	-
				C.C.10	-20150	-20552	-20953	-21355	-21757	-	-	-	-
				C.C.11	-19188	-19590	-19991	-20393	-20795	-	-	-	-
				C.C.12	-17598	-18000	-18401	-18803	-19205	-	-	-	-
				C.C.13	5912	5510	5108	4707	4305	-	-	-	-

				C.C.14	7502	7100	6699	6297	5895	-	-	-	-
				C.C.15	8464	8062	7661	7259	6857	-	-	-	-
				C.C.16	10054	9652	9251	8849	8448	-	-	-	-

4.2.3 Momento Torcente.

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

La terminologia utilizzata è la seguente :

Asta	: numerazione interna al calcolo dell'asta.
Imp.	: livello di appartenenza dell'asta.
Fili	: Fili Fissi delimitanti l'asta.
L	: Lunghezza dell'asta nel modello di calcolo.
Comb	: Combinazione di Carico.
Mti	: Valore del Momento Torcente nella i-esima sezione.
X	: distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

Tabella 4.I

Momento Torcente (Mt) [daNm]													
Asta	Imp.	Fili	L [cm]	Comb.	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉
1	Fondazione	1, 2	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	0	0	0	0	0	1	1	1
				C.C.2	0	0	0	0	0	0	0	1	1
				C.C.3	0	0	0	0	-1	-1	-1	-1	-1
				C.C.4	0	0	0	0	-1	-1	-1	-1	-1
				C.C.5	0	0	0	0	1	1	1	1	1
				C.C.6	0	0	0	0	1	1	1	1	1
				C.C.7	0	0	0	0	0	0	0	-1	-1
				C.C.8	0	0	0	0	0	0	-1	-1	-1
				C.C.9	0	0	1	1	2	2	2	3	3
				C.C.10	0	0	1	1	2	2	2	3	3
				C.C.11	0	0	1	1	2	2	3	3	3
				C.C.12	0	0	1	1	2	2	2	3	3
				C.C.13	0	0	-1	-1	-2	-2	-2	-3	-3
				C.C.14	0	0	-1	-1	-2	-2	-3	-3	-3
				C.C.15	0	0	-1	-1	-1	-2	-2	-3	-3
				C.C.16	0	0	-1	-1	-2	-2	-2	-3	-3
2	Fondazione	2, 3	220		(X=0)	(X=28)	(X=55)	(X=83)	(X=110)	(X=138)	(X=165)	(X=193)	(X=L)
				C.C.1	162	162	162	162	162	162	162	162	162
				C.C.2	137	137	137	137	137	137	137	137	137
				C.C.3	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.4	-52	-52	-52	-52	-52	-52	-52	-52	-52
				C.C.5	36	36	36	36	36	36	36	36	36
				C.C.6	11	11	11	11	11	11	11	11	11
				C.C.7	-153	-153	-153	-153	-153	-153	-153	-153	-153
				C.C.8	-178	-178	-178	-178	-178	-178	-178	-178	-178
				C.C.9	351	351	351	351	351	351	351	351	351
				C.C.10	302	302	302	302	302	302	302	302	302
				C.C.11	313	313	313	313	313	313	313	313	313
				C.C.12	264	264	264	264	264	264	264	264	264
				C.C.13	-280	-280	-280	-280	-280	-280	-280	-280	-280
				C.C.14	-329	-329	-329	-329	-329	-329	-329	-329	-329
				C.C.15	-318	-318	-318	-318	-318	-318	-318	-318	-318
				C.C.16	-367	-367	-367	-367	-367	-367	-367	-367	-367
3	Fondazione	2, 6	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-1322	-1322	-1322	-1321	-1321	-1321	-1320	-1320	-1320
				C.C.2	-1328	-1328	-1328	-1328	-1327	-1327	-1327	-1327	-1327
				C.C.3	125	125	124	123	123	122	122	121	120
				C.C.4	119	118	118	117	116	116	115	114	114
				C.C.5	511	511	512	513	514	514	515	516	517
				C.C.6	505	505	506	506	507	508	509	509	510
				C.C.7	1958	1958	1958	1957	1957	1957	1957	1957	1957
				C.C.8	1952	1952	1951	1951	1951	1951	1950	1950	1950
				C.C.9	-2366	-2365	-2363	-2361	-2360	-2358	-2357	-2355	-2354
				C.C.10	-2379	-2377	-2376	-2374	-2373	-2371	-2370	-2369	-2367
				C.C.11	-1817	-1815	-1813	-1811	-1810	-1808	-1806	-1805	-1803
				C.C.12	-1829	-1827	-1825	-1824	-1822	-1821	-1819	-1818	-1816

				C.C.13	2458	2457	2455	2454	2452	2451	2449	2448	2447
				C.C.14	2446	2444	2443	2441	2439	2438	2436	2435	2433
				C.C.15	3008	3007	3005	3004	3002	3001	3000	2999	2998
				C.C.16	2996	2994	2993	2991	2990	2988	2987	2986	2984
4	Fondazione	4, 3	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	0	0	0	0	1	1	1	1
				C.C.2	0	0	0	0	0	0	1	1	1
				C.C.3	0	0	0	0	0	-1	-1	-1	-1
				C.C.4	0	0	0	0	-1	-1	-1	-1	-1
				C.C.5	0	0	0	1	1	1	1	1	1
				C.C.6	0	0	0	0	1	1	1	1	1
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	-1	-1
				C.C.9	0	0	1	1	2	2	2	3	3
				C.C.10	0	0	1	1	2	2	2	3	3
				C.C.11	0	0	1	1	2	2	3	3	3
				C.C.12	0	0	1	1	2	2	2	3	3
				C.C.13	0	0	-1	-1	-1	-2	-2	-3	-3
				C.C.14	0	0	-1	-1	-2	-2	-2	-3	-3
				C.C.15	0	0	-1	-1	-1	-2	-2	-2	-3
				C.C.16	0	0	-1	-1	-1	-2	-2	-3	-3
5	Fondazione	3, 5	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-354	-354	-354	-353	-353	-353	-352	-352	-352
				C.C.2	-379	-378	-378	-378	-377	-377	-377	-377	-376
				C.C.3	61	61	61	61	61	60	60	60	60
				C.C.4	37	37	37	37	36	36	36	36	35
				C.C.5	-79	-78	-78	-78	-77	-77	-76	-76	-75
				C.C.6	-103	-103	-102	-102	-101	-101	-100	-100	-100
				C.C.7	337	337	337	337	337	337	337	337	337
				C.C.8	313	313	312	312	312	312	312	312	312
				C.C.9	-731	-730	-729	-728	-727	-726	-725	-724	-723
				C.C.10	-779	-778	-777	-776	-775	-774	-773	-773	-772
				C.C.11	-649	-648	-646	-645	-644	-643	-642	-641	-640
				C.C.12	-696	-695	-694	-693	-692	-691	-690	-690	-689
				C.C.13	655	654	653	652	652	651	650	650	649
				C.C.14	607	606	605	604	604	603	602	601	601
				C.C.15	737	737	736	735	735	734	733	733	732
				C.C.16	690	689	688	687	686	686	685	684	684
6	Fondazione	5, 7	100		(X=0)	(X=13)	(X=25)	(X=38)	(X=50)	(X=63)	(X=75)	(X=88)	(X=L)
				C.C.1	-1078	-1078	-1077	-1077	-1077	-1077	-1077	-1077	-1077
				C.C.2	-577	-577	-577	-577	-577	-576	-576	-576	-576
				C.C.3	3743	3743	3744	3744	3744	3744	3744	3744	3744
				C.C.4	4244	4244	4244	4244	4244	4244	4245	4245	4245
				C.C.5	-7342	-7342	-7342	-7342	-7342	-7342	-7342	-7343	-7343
				C.C.6	-6841	-6841	-6842	-6842	-6842	-6842	-6842	-6842	-6842
				C.C.7	-2521	-2521	-2521	-2521	-2521	-2521	-2522	-2522	-2522
				C.C.8	-2020	-2020	-2021	-2021	-2021	-2021	-2021	-2021	-2021
				C.C.9	-9140	-9140	-9140	-9140	-9140	-9140	-9140	-9140	-9140
				C.C.10	-8148	-8148	-8148	-8148	-8148	-8148	-8148	-8148	-8148
				C.C.11	-11020	-11020	-11020	-11020	-11020	-11020	-11020	-11020	-11020
				C.C.12	-10028	-10028	-10028	-10028	-10028	-10028	-10028	-10028	-10028
				C.C.13	6930	6930	6930	6930	6930	6930	6930	6930	6930
				C.C.14	7922	7922	7922	7922	7922	7922	7922	7922	7922
				C.C.15	5050	5050	5050	5050	5050	5050	5050	5050	5050
				C.C.16	6042	6042	6042	6042	6042	6042	6042	6042	6042
7	Fondazione	7, 6	120		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	1234	1234	1234	1234	1234	1235	1235	1235	1235
				C.C.2	1159	1160	1160	1160	1160	1160	1160	1160	1161
				C.C.3	4206	4206	4206	4206	4206	4206	4207	4207	4207
				C.C.4	4131	4131	4131	4132	4132	4132	4132	4132	4132
				C.C.5	163	163	162	162	162	162	162	162	162
				C.C.6	88	88	88	88	88	88	87	87	87
				C.C.7	3134	3134	3134	3134	3134	3134	3134	3134	3134
				C.C.8	3060	3060	3060	3060	3059	3059	3059	3059	3059
				C.C.9	-2571	-2571	-2571	-2571	-2571	-2571	-2571	-2571	-2571
				C.C.10	-2719	-2719	-2719	-2719	-2719	-2719	-2719	-2719	-2719
				C.C.11	-2893	-2893	-2893	-2893	-2893	-2893	-2893	-2893	-2893
				C.C.12	-3040	-3040	-3040	-3041	-3041	-3041	-3041	-3041	-3041
				C.C.13	7334	7334	7334	7334	7334	7335	7335	7335	7335
				C.C.14	7187	7187	7187	7187	7187	7187	7187	7187	7187
				C.C.15	7013	7013	7013	7013	7013	7013	7013	7013	7013
				C.C.16	6865	6865	6865	6865	6865	6865	6865	6865	6865
8	Fondazione	6, 10	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)

				C.C.1	-1	-1	-1	-1	0	0	0	0	0
				C.C.2	-1	-1	-1	-1	0	0	0	0	0
				C.C.3	-1	-1	-1	-1	-1	0	0	0	0
				C.C.4	-1	-1	-1	-1	-1	0	0	0	0
				C.C.5	1	1	1	0	0	0	0	0	0
				C.C.6	1	1	1	0	0	0	0	0	0
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	1	0	0	0	0	0	0	0	0
				C.C.12	0	0	0	0	0	0	0	0	0
				C.C.13	-1	-1	-1	-1	0	0	0	0	0
				C.C.14	-1	-1	-1	-1	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
9	Fondazione	7, 14	185		(X=0)	(X=23)	(X=46)	(X=69)	(X=93)	(X=116)	(X=139)	(X=162)	(X=L)
				C.C.1	399	399	399	399	399	400	400	400	400
				C.C.2	356	356	356	356	356	356	356	356	356
				C.C.3	376	376	376	376	376	376	376	376	376
				C.C.4	333	333	333	333	333	333	333	333	333
				C.C.5	-330	-330	-330	-330	-330	-330	-330	-330	-330
				C.C.6	-374	-374	-374	-374	-374	-374	-374	-374	-374
				C.C.7	-354	-354	-354	-354	-354	-354	-354	-354	-354
				C.C.8	-397	-397	-397	-397	-397	-397	-397	-397	-397
				C.C.9	193	193	193	193	193	193	193	193	193
				C.C.10	107	107	107	107	107	107	107	107	107
				C.C.11	-26	-26	-26	-26	-26	-26	-26	-26	-26
				C.C.12	-112	-112	-112	-112	-112	-112	-112	-112	-112
				C.C.13	115	115	114	114	114	114	114	114	114
				C.C.14	29	29	29	29	29	29	29	29	29
				C.C.15	-104	-104	-104	-104	-104	-105	-105	-105	-105
				C.C.16	-190	-190	-190	-190	-190	-190	-190	-190	-190
10	Fondazione	9, 8	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	0	0	0	0	1	1	1	1
				C.C.2	0	0	0	0	0	1	1	1	1
				C.C.3	0	0	0	1	1	1	1	1	1
				C.C.4	0	0	0	1	1	1	1	1	1
				C.C.5	0	0	0	-1	-1	-1	-1	-2	-2
				C.C.6	0	0	0	-1	-1	-1	-1	-2	-2
				C.C.7	0	0	0	-1	-1	-1	-1	-1	-1
				C.C.8	0	0	0	-1	-1	-1	-1	-1	-1
				C.C.9	0	0	0	0	0	0	-1	-1	-1
				C.C.10	0	0	0	0	0	0	0	0	-1
				C.C.11	0	0	0	-1	-1	-1	-1	-1	-2
				C.C.12	0	0	0	-1	-1	-1	-1	-1	-1
				C.C.13	0	0	0	0	0	1	1	1	1
				C.C.14	0	0	0	0	1	1	1	1	1
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
11	Fondazione	8, 11	186		(X=0)	(X=23)	(X=47)	(X=70)	(X=93)	(X=116)	(X=140)	(X=163)	(X=L)
				C.C.1	129	129	129	129	129	129	129	129	129
				C.C.2	109	109	109	109	109	109	109	109	110
				C.C.3	113	113	113	113	113	113	113	113	113
				C.C.4	93	93	93	93	93	93	93	93	93
				C.C.5	-70	-70	-70	-70	-70	-70	-70	-70	-70
				C.C.6	-90	-90	-90	-90	-90	-90	-90	-90	-90
				C.C.7	-86	-86	-86	-86	-86	-86	-86	-86	-86
				C.C.8	-106	-106	-106	-106	-106	-106	-106	-106	-106
				C.C.9	88	88	88	88	88	88	88	88	88
				C.C.10	49	49	49	49	49	49	49	49	49
				C.C.11	29	29	29	29	29	29	29	29	29
				C.C.12	-11	-11	-11	-11	-11	-11	-11	-11	-11
				C.C.13	35	35	35	35	35	35	35	35	35
				C.C.14	-5	-5	-5	-5	-5	-5	-5	-5	-5
				C.C.15	-25	-25	-25	-25	-25	-25	-25	-25	-25
				C.C.16	-64	-64	-64	-64	-64	-65	-65	-65	-65
12	Fondazione	12, 11	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	0	0	0	0	0	0	1	1	1
				C.C.2	0	0	0	0	0	0	1	1	1
				C.C.3	0	0	0	0	0	1	1	1	1
				C.C.4	0	0	0	0	0	1	1	1	1
				C.C.5	0	0	0	0	-1	-1	-1	-1	-1

				C.C.6	0	0	0	0	-1	-1	-1	-1	-1
				C.C.7	0	0	0	0	-1	-1	-1	-1	-1
				C.C.8	0	0	0	0	-1	-1	-1	-1	-1
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	0	0	0	0	0	-1	-1	-1	-1
				C.C.12	0	0	0	0	0	-1	-1	-1	-1
				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	0	0	0	0	0	0	0	0	1
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
13	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	41	41	41	41	41	41	41	42	42
				C.C.2	195	195	195	195	195	195	195	195	195
				C.C.3	-79	-79	-79	-79	-79	-78	-78	-78	-78
				C.C.4	74	75	75	75	75	75	75	76	76
				C.C.5	162	162	162	162	162	161	161	161	161
				C.C.6	316	316	316	315	315	315	315	315	315
				C.C.7	42	42	42	42	42	42	41	41	41
				C.C.8	196	196	196	196	195	195	195	195	195
				C.C.9	148	148	148	148	148	148	148	148	148
				C.C.10	452	452	452	452	452	452	452	452	452
				C.C.11	184	184	184	184	184	184	184	184	183
				C.C.12	489	489	489	489	488	488	488	488	488
				C.C.13	-252	-252	-252	-252	-252	-252	-252	-252	-252
				C.C.14	52	52	53	53	53	53	53	53	53
				C.C.15	-216	-216	-216	-216	-216	-216	-216	-216	-216
				C.C.16	89	89	89	89	89	89	89	89	89
14	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-1975	-1975	-1975	-1975	-1975	-1975	-1975	-1974	-1974
				C.C.2	-1786	-1785	-1785	-1785	-1785	-1785	-1785	-1785	-1785
				C.C.3	-1405	-1405	-1404	-1404	-1404	-1404	-1404	-1404	-1404
				C.C.4	-1215	-1215	-1215	-1215	-1215	-1214	-1214	-1214	-1214
				C.C.5	799	798	798	798	798	798	797	797	797
				C.C.6	988	988	988	988	987	987	987	987	987
				C.C.7	1369	1369	1369	1369	1368	1368	1368	1368	1368
				C.C.8	1559	1558	1558	1558	1558	1558	1558	1558	1557
				C.C.9	-1763	-1763	-1763	-1763	-1763	-1763	-1763	-1763	-1763
				C.C.10	-1387	-1387	-1387	-1387	-1387	-1387	-1387	-1387	-1387
				C.C.11	-931	-931	-931	-931	-931	-931	-931	-932	-932
				C.C.12	-555	-555	-555	-555	-556	-556	-556	-556	-556
				C.C.13	138	139	139	139	139	139	139	139	139
				C.C.14	514	514	514	514	514	514	515	515	515
				C.C.15	971	971	971	971	971	971	970	970	970
				C.C.16	1346	1346	1346	1346	1346	1346	1346	1346	1346
15	Fondazione	14, 13	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-1	-1	-1	0	0	0	0	0	0
				C.C.2	-1	-1	-1	0	0	0	0	0	0
				C.C.3	-1	-1	-1	-1	0	0	0	0	0
				C.C.4	-1	-1	-1	-1	0	0	0	0	0
				C.C.5	1	1	1	1	1	0	0	0	0
				C.C.6	1	1	1	1	1	0	0	0	0
				C.C.7	1	1	1	1	1	0	0	0	0
				C.C.8	1	1	1	1	1	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	1	1	1	1	0	0	0	0	0
				C.C.12	1	1	1	1	0	0	0	0	0
				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	-1	-1	0	0	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
16	Piano 1	2	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-21	-21	-21	-21	-21	-	-	-	-
				C.C.2	-7	-7	-7	-7	-7	-	-	-	-
				C.C.3	-14	-14	-14	-14	-14	-	-	-	-
				C.C.4	-1	-1	-1	-1	-1	-	-	-	-
				C.C.5	24	24	24	24	24	-	-	-	-
				C.C.6	38	38	38	38	38	-	-	-	-
				C.C.7	30	30	30	30	30	-	-	-	-
				C.C.8	44	44	44	44	44	-	-	-	-
				C.C.9	-19	-19	-19	-19	-19	-	-	-	-
				C.C.10	8	8	8	8	8	-	-	-	-

				C.C.11	-6	-6	-6	-6	-6	-	-	-	-
				C.C.12	21	21	21	21	21	-	-	-	-
				C.C.13	2	2	2	2	2	-	-	-	-
				C.C.14	29	29	29	29	29	-	-	-	-
				C.C.15	16	16	16	16	16	-	-	-	-
				C.C.16	43	43	43	43	43	-	-	-	-
17	Piano 1	3	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-47	-47	-47	-47	-47	-	-	-	-
				C.C.2	-27	-27	-27	-27	-27	-	-	-	-
				C.C.3	-27	-27	-27	-27	-27	-	-	-	-
				C.C.4	-7	-7	-7	-7	-7	-	-	-	-
				C.C.5	42	42	42	42	42	-	-	-	-
				C.C.6	63	63	63	63	63	-	-	-	-
				C.C.7	62	62	62	62	62	-	-	-	-
				C.C.8	82	82	82	82	82	-	-	-	-
				C.C.9	-48	-48	-48	-48	-48	-	-	-	-
				C.C.10	-8	-8	-8	-8	-8	-	-	-	-
				C.C.11	-21	-21	-21	-21	-21	-	-	-	-
				C.C.12	19	19	19	19	19	-	-	-	-
				C.C.13	16	16	16	16	16	-	-	-	-
				C.C.14	57	57	57	57	57	-	-	-	-
				C.C.15	43	43	43	43	43	-	-	-	-
				C.C.16	83	83	83	83	83	-	-	-	-
18	Piano 1	6	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-5	-5	-5	-5	-5	-	-	-	-
				C.C.2	17	17	17	17	17	-	-	-	-
				C.C.3	-42	-42	-42	-42	-42	-	-	-	-
				C.C.4	-20	-20	-20	-20	-20	-	-	-	-
				C.C.5	154	154	154	154	154	-	-	-	-
				C.C.6	176	176	176	176	176	-	-	-	-
				C.C.7	117	117	117	117	117	-	-	-	-
				C.C.8	139	139	139	139	139	-	-	-	-
				C.C.9	84	84	84	84	84	-	-	-	-
				C.C.10	128	128	128	128	128	-	-	-	-
				C.C.11	131	131	131	131	131	-	-	-	-
				C.C.12	175	175	175	175	175	-	-	-	-
				C.C.13	-41	-41	-41	-41	-41	-	-	-	-
				C.C.14	3	3	3	3	3	-	-	-	-
				C.C.15	7	7	7	7	7	-	-	-	-
				C.C.16	51	51	51	51	51	-	-	-	-
19	Piano 1	8	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-469	-469	-469	-469	-469	-	-	-	-
				C.C.2	-361	-361	-361	-361	-361	-	-	-	-
				C.C.3	-253	-253	-253	-253	-253	-	-	-	-
				C.C.4	-145	-145	-145	-145	-145	-	-	-	-
				C.C.5	-133	-133	-133	-133	-133	-	-	-	-
				C.C.6	-25	-25	-25	-25	-25	-	-	-	-
				C.C.7	84	84	84	84	84	-	-	-	-
				C.C.8	192	192	192	192	192	-	-	-	-
				C.C.9	-658	-658	-658	-658	-658	-	-	-	-
				C.C.10	-443	-443	-443	-443	-443	-	-	-	-
				C.C.11	-556	-556	-556	-556	-556	-	-	-	-
				C.C.12	-342	-342	-342	-342	-342	-	-	-	-
				C.C.13	65	65	65	65	65	-	-	-	-
				C.C.14	279	279	279	279	279	-	-	-	-
				C.C.15	166	166	166	166	166	-	-	-	-
				C.C.16	380	380	380	380	380	-	-	-	-
20	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-160	-160	-160	-160	-160	-160	-160	-160	-160
				C.C.2	-163	-163	-163	-163	-163	-163	-163	-163	-163
				C.C.3	-161	-161	-161	-161	-161	-161	-161	-161	-161
				C.C.4	-164	-164	-164	-164	-164	-164	-164	-164	-164
				C.C.5	-153	-153	-153	-153	-153	-153	-153	-153	-153
				C.C.6	-156	-156	-156	-156	-156	-156	-156	-156	-156
				C.C.7	-154	-154	-154	-154	-154	-154	-154	-154	-154
				C.C.8	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.9	-155	-155	-155	-155	-155	-155	-155	-155	-155
				C.C.10	-160	-160	-160	-160	-160	-160	-160	-160	-160
				C.C.11	-153	-153	-153	-153	-153	-153	-153	-153	-153
				C.C.12	-158	-158	-158	-158	-158	-158	-158	-158	-158
				C.C.13	-159	-159	-159	-159	-159	-159	-159	-159	-159
				C.C.14	-165	-165	-165	-165	-165	-165	-165	-165	-165
				C.C.15	-157	-157	-157	-157	-157	-157	-157	-157	-157

				C.C.16	-163	-163	-163	-163	-163	-163	-163	-163	-163
21	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-87	-87	-87	-87	-87	-87	-87	-87	-87
				C.C.2	-85	-85	-85	-85	-85	-85	-85	-85	-85
				C.C.3	-60	-60	-60	-60	-60	-60	-60	-60	-60
				C.C.4	-58	-58	-58	-58	-58	-58	-58	-58	-58
				C.C.5	-90	-90	-90	-90	-90	-90	-90	-90	-90
				C.C.6	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C.7	-63	-63	-63	-63	-63	-63	-63	-63	-63
				C.C.8	-62	-62	-62	-62	-62	-62	-62	-62	-62
				C.C.9	-120	-120	-120	-120	-120	-120	-120	-120	-120
				C.C.10	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C.11	-121	-121	-121	-121	-121	-121	-121	-121	-121
				C.C.12	-118	-118	-118	-118	-118	-118	-118	-118	-118
				C.C.13	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.14	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.15	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C.16	-28	-28	-28	-28	-28	-28	-28	-28	-28
22	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-90	-90	-90	-90	-90	-90	-90	-90	-90
				C.C.2	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C.3	-68	-68	-68	-68	-68	-68	-68	-68	-68
				C.C.4	-66	-66	-66	-66	-66	-66	-66	-66	-66
				C.C.5	-89	-89	-89	-89	-89	-89	-89	-89	-89
				C.C.6	-87	-87	-87	-87	-87	-87	-87	-87	-87
				C.C.7	-66	-66	-66	-66	-66	-66	-66	-66	-66
				C.C.8	-65	-65	-65	-65	-65	-65	-65	-65	-65
				C.C.9	-117	-117	-117	-117	-117	-117	-117	-117	-117
				C.C.10	-114	-114	-114	-114	-114	-114	-114	-114	-114
				C.C.11	-116	-116	-116	-116	-116	-116	-116	-116	-116
				C.C.12	-114	-114	-114	-114	-114	-114	-114	-114	-114
				C.C.13	-41	-41	-41	-41	-41	-41	-41	-41	-41
				C.C.14	-39	-39	-39	-39	-39	-39	-39	-39	-39
				C.C.15	-41	-41	-41	-41	-41	-41	-41	-41	-41
				C.C.16	-38	-38	-38	-38	-38	-38	-38	-38	-38
23	Piano 2	21, 2	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	88	88	88	88	88	88	88	88	88
				C.C.2	87	87	87	87	87	87	87	87	87
				C.C.3	73	73	73	73	73	73	73	73	73
				C.C.4	72	72	72	72	72	72	72	72	72
				C.C.5	84	84	84	84	84	84	84	84	84
				C.C.6	82	82	82	82	82	82	82	82	82
				C.C.7	69	69	69	69	69	69	69	69	69
				C.C.8	67	67	67	67	67	67	67	67	67
				C.C.9	105	105	105	105	105	105	105	105	105
				C.C.10	102	102	102	102	102	102	102	102	102
				C.C.11	103	103	103	103	103	103	103	103	103
				C.C.12	101	101	101	101	101	101	101	101	101
				C.C.13	55	55	55	55	55	55	55	55	55
				C.C.14	52	52	52	52	52	52	52	52	52
				C.C.15	53	53	53	53	53	53	53	53	53
				C.C.16	51	51	51	51	51	51	51	51	51
24	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	82	82	82	82	82	82	82	82	82
				C.C.2	74	74	74	74	74	74	74	74	74
				C.C.3	12	12	12	12	12	12	12	12	12
				C.C.4	4	4	4	4	4	4	4	4	4
				C.C.5	51	51	51	51	51	51	51	51	51
				C.C.6	43	43	43	43	43	43	43	43	43
				C.C.7	-19	-19	-19	-19	-19	-19	-19	-19	-19
				C.C.8	-27	-27	-27	-27	-27	-27	-27	-27	-27
				C.C.9	157	157	157	157	157	157	157	157	157
				C.C.10	140	140	140	140	140	140	140	140	140
				C.C.11	148	148	148	148	148	148	148	148	148
				C.C.12	131	131	131	131	131	131	131	131	131
				C.C.13	-76	-76	-76	-76	-76	-76	-76	-76	-76
				C.C.14	-93	-93	-93	-93	-93	-93	-93	-93	-93
				C.C.15	-85	-85	-85	-85	-85	-85	-85	-85	-85
				C.C.16	-102	-102	-102	-102	-102	-102	-102	-102	-102
25	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	147	147	147	147	147	147	147	147	147
				C.C.2	151	151	151	151	151	151	151	151	151
				C.C.3	168	168	168	168	168	168	168	168	168

				C.C.4	172	172	172	172	172	172	172	172	172
				C.C.5	97	97	97	97	97	97	97	97	97
				C.C.6	100	100	100	100	100	100	100	100	100
				C.C.7	117	117	117	117	117	117	117	117	117
				C.C.8	121	121	121	121	121	121	121	121	121
				C.C.9	104	104	104	104	104	104	104	104	104
				C.C.10	111	111	111	111	111	111	111	111	111
				C.C.11	89	89	89	89	89	89	89	89	89
				C.C.12	96	96	96	96	96	96	96	96	96
				C.C.13	172	172	172	172	172	172	172	172	172
				C.C.14	180	180	180	180	180	180	180	180	180
				C.C.15	157	157	157	157	157	157	157	157	157
				C.C.16	164	164	164	164	164	164	164	164	164
26	Piano 2	3, 20	20		(X=0)	(X=3)	(X=5)	(X=8)	(X=10)	(X=13)	(X=15)	(X=18)	(X=L)
				C.C.1	-158	-158	-158	-158	-158	-158	-158	-158	-158
				C.C.2	-145	-145	-145	-145	-145	-145	-145	-145	-145
				C.C.3	-76	-76	-76	-76	-76	-76	-76	-76	-76
				C.C.4	-62	-62	-62	-62	-62	-62	-62	-62	-62
				C.C.5	-153	-153	-153	-153	-153	-153	-153	-153	-153
				C.C.6	-140	-140	-140	-140	-140	-140	-140	-140	-140
				C.C.7	-71	-71	-71	-71	-71	-71	-71	-71	-71
				C.C.8	-57	-57	-57	-57	-57	-57	-57	-57	-57
				C.C.9	-259	-259	-259	-259	-259	-259	-259	-259	-259
				C.C.10	-232	-232	-232	-232	-232	-232	-232	-232	-232
				C.C.11	-258	-258	-258	-258	-258	-258	-258	-258	-258
				C.C.12	-230	-230	-230	-230	-230	-230	-230	-230	-230
				C.C.13	15	15	15	15	15	15	15	15	15
				C.C.14	42	42	42	42	42	42	42	42	42
				C.C.15	16	16	16	16	16	16	16	16	16
				C.C.16	43	43	43	43	43	43	43	43	43
27	Piano 2	2	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-54	-54	-54	-54	-54	-	-	-	-
				C.C.2	-43	-43	-43	-43	-43	-	-	-	-
				C.C.3	-103	-103	-103	-103	-103	-	-	-	-
				C.C.4	-92	-92	-92	-92	-92	-	-	-	-
				C.C.5	115	115	115	115	115	-	-	-	-
				C.C.6	127	127	127	127	127	-	-	-	-
				C.C.7	66	66	66	66	66	-	-	-	-
				C.C.8	77	77	77	77	77	-	-	-	-
				C.C.9	57	57	57	57	57	-	-	-	-
				C.C.10	79	79	79	79	79	-	-	-	-
				C.C.11	108	108	108	108	108	-	-	-	-
				C.C.12	130	130	130	130	130	-	-	-	-
				C.C.13	-107	-107	-107	-107	-107	-	-	-	-
				C.C.14	-85	-85	-85	-85	-85	-	-	-	-
				C.C.15	-56	-56	-56	-56	-56	-	-	-	-
				C.C.16	-34	-34	-34	-34	-34	-	-	-	-
28	Piano 2	3	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-79	-79	-79	-79	-79	-	-	-	-
				C.C.2	-63	-63	-63	-63	-63	-	-	-	-
				C.C.3	-152	-152	-152	-152	-152	-	-	-	-
				C.C.4	-135	-135	-135	-135	-135	-	-	-	-
				C.C.5	170	170	170	170	170	-	-	-	-
				C.C.6	187	187	187	187	187	-	-	-	-
				C.C.7	98	98	98	98	98	-	-	-	-
				C.C.8	114	114	114	114	114	-	-	-	-
				C.C.9	85	85	85	85	85	-	-	-	-
				C.C.10	117	117	117	117	117	-	-	-	-
				C.C.11	159	159	159	159	159	-	-	-	-
				C.C.12	192	192	192	192	192	-	-	-	-
				C.C.13	-157	-157	-157	-157	-157	-	-	-	-
				C.C.14	-124	-124	-124	-124	-124	-	-	-	-
				C.C.15	-82	-82	-82	-82	-82	-	-	-	-
				C.C.16	-49	-49	-49	-49	-49	-	-	-	-
29	Piano 2	6	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-17	-17	-17	-17	-17	-	-	-	-
				C.C.2	-3	-3	-3	-3	-3	-	-	-	-
				C.C.3	-81	-81	-81	-81	-81	-	-	-	-
				C.C.4	-66	-66	-66	-66	-66	-	-	-	-
				C.C.5	200	200	200	200	200	-	-	-	-
				C.C.6	215	215	215	215	215	-	-	-	-
				C.C.7	137	137	137	137	137	-	-	-	-
				C.C.8	152	152	152	152	152	-	-	-	-

				C.C.9	126	126	126	126	126	-	-	-	-
				C.C.10	154	154	154	154	154	-	-	-	-
				C.C.11	191	191	191	191	191	-	-	-	-
				C.C.12	220	220	220	220	220	-	-	-	-
				C.C.13	-85	-85	-85	-85	-85	-	-	-	-
				C.C.14	-57	-57	-57	-57	-57	-	-	-	-
				C.C.15	-20	-20	-20	-20	-20	-	-	-	-
				C.C.16	9	9	9	9	9	-	-	-	-
30	Piano 2	8	68		(X=0)	(X=17)	(X=34)	(X=51)	(X=L)	-	-	-	-
				C.C.1	-1062	-1062	-1062	-1062	-1062	-	-	-	-
				C.C.2	-888	-888	-888	-888	-888	-	-	-	-
				C.C.3	-1820	-1820	-1820	-1820	-1820	-	-	-	-
				C.C.4	-1647	-1647	-1647	-1647	-1647	-	-	-	-
				C.C.5	1551	1551	1551	1551	1551	-	-	-	-
				C.C.6	1724	1724	1724	1724	1724	-	-	-	-
				C.C.7	792	792	792	792	792	-	-	-	-
				C.C.8	965	965	965	965	965	-	-	-	-
				C.C.9	653	653	653	653	653	-	-	-	-
				C.C.10	997	997	997	997	997	-	-	-	-
				C.C.11	1436	1436	1436	1436	1436	-	-	-	-
				C.C.12	1780	1780	1780	1780	1780	-	-	-	-
				C.C.13	-1877	-1877	-1877	-1877	-1877	-	-	-	-
				C.C.14	-1533	-1533	-1533	-1533	-1533	-	-	-	-
				C.C.15	-1093	-1093	-1093	-1093	-1093	-	-	-	-
				C.C.16	-749	-749	-749	-749	-749	-	-	-	-
31	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-523	-523	-523	-523	-523	-523	-523	-523	-523
				C.C.2	-513	-513	-513	-513	-513	-513	-513	-513	-513
				C.C.3	-433	-433	-433	-433	-433	-433	-433	-433	-433
				C.C.4	-423	-423	-423	-423	-423	-423	-423	-423	-423
				C.C.5	-421	-421	-421	-421	-421	-421	-421	-421	-421
				C.C.6	-411	-411	-411	-411	-411	-411	-411	-411	-411
				C.C.7	-331	-331	-331	-331	-331	-331	-331	-331	-331
				C.C.8	-321	-321	-321	-321	-321	-321	-321	-321	-321
				C.C.9	-598	-598	-598	-598	-598	-598	-598	-598	-598
				C.C.10	-577	-577	-577	-577	-577	-577	-577	-577	-577
				C.C.11	-567	-567	-567	-567	-567	-567	-567	-567	-567
				C.C.12	-547	-547	-547	-547	-547	-547	-547	-547	-547
				C.C.13	-297	-297	-297	-297	-297	-297	-297	-297	-297
				C.C.14	-277	-277	-277	-277	-277	-277	-277	-277	-277
				C.C.15	-266	-266	-266	-266	-266	-266	-266	-266	-266
				C.C.16	-246	-246	-246	-246	-246	-246	-246	-246	-246
32	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-452	-452	-452	-452	-452	-452	-452	-452	-452
				C.C.2	-447	-447	-447	-447	-447	-447	-447	-447	-447
				C.C.3	-321	-321	-321	-321	-321	-321	-321	-321	-321
				C.C.4	-316	-316	-316	-316	-316	-316	-316	-316	-316
				C.C.5	-191	-191	-191	-191	-191	-191	-191	-191	-191
				C.C.6	-185	-185	-185	-185	-185	-185	-185	-185	-185
				C.C.7	-60	-60	-60	-60	-60	-60	-60	-60	-60
				C.C.8	-54	-54	-54	-54	-54	-54	-54	-54	-54
				C.C.9	-516	-516	-516	-516	-516	-516	-516	-516	-516
				C.C.10	-505	-505	-505	-505	-505	-505	-505	-505	-505
				C.C.11	-437	-437	-437	-437	-437	-437	-437	-437	-437
				C.C.12	-426	-426	-426	-426	-426	-426	-426	-426	-426
				C.C.13	-80	-80	-80	-80	-80	-80	-80	-80	-80
				C.C.14	-69	-69	-69	-69	-69	-69	-69	-69	-69
				C.C.15	-2	-2	-2	-2	-2	-2	-2	-2	-2
				C.C.16	10	10	10	10	10	10	10	10	10
33	Piano 3	5, 8	43		(X=0)	(X=5)	(X=11)	(X=16)	(X=21)	(X=27)	(X=32)	(X=37)	(X=L)
				C.C.1	311	311	311	311	311	311	311	311	311
				C.C.2	263	263	263	263	263	263	263	263	263
				C.C.3	12	12	12	12	12	12	12	12	12
				C.C.4	-36	-36	-36	-36	-36	-36	-36	-36	-36
				C.C.5	316	316	316	316	316	316	316	316	316
				C.C.6	267	267	267	267	267	267	267	267	267
				C.C.7	17	17	17	17	17	17	17	17	17
				C.C.8	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.9	685	685	685	685	685	685	685	685	685
				C.C.10	589	589	589	589	589	589	589	589	589
				C.C.11	686	686	686	686	686	686	686	686	686
				C.C.12	590	590	590	590	590	590	590	590	590
				C.C.13	-311	-311	-311	-311	-311	-311	-311	-311	-311

				C.C.14	-406	-406	-406	-406	-406	-406	-406	-406	-406
				C.C.15	-309	-309	-309	-309	-309	-309	-309	-309	-309
				C.C.16	-405	-405	-405	-405	-405	-405	-405	-405	-405
34	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-100	-100	-100	-100	-100	-100	-100	-100	-100
				C.C.2	-118	-118	-118	-118	-118	-118	-118	-118	-118
				C.C.3	-230	-230	-230	-230	-230	-230	-230	-230	-230
				C.C.4	-248	-248	-248	-248	-248	-248	-248	-248	-248
				C.C.5	-135	-135	-135	-135	-135	-135	-135	-135	-135
				C.C.6	-153	-153	-153	-153	-153	-153	-153	-153	-153
				C.C.7	-265	-265	-265	-265	-265	-265	-265	-265	-265
				C.C.8	-283	-283	-283	-283	-283	-283	-283	-283	-283
				C.C.9	49	49	49	49	49	49	49	49	49
				C.C.10	13	13	13	13	13	13	13	13	13
				C.C.11	38	38	38	38	38	38	38	38	38
				C.C.12	2	2	2	2	2	2	2	2	2
				C.C.13	-385	-385	-385	-385	-385	-385	-385	-385	-385
				C.C.14	-421	-421	-421	-421	-421	-421	-421	-421	-421
				C.C.15	-396	-396	-396	-396	-396	-396	-396	-396	-396
				C.C.16	-431	-431	-431	-431	-431	-431	-431	-431	-431
35	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-41	-41	-41	-41	-41	-41	-41	-41	-41
				C.C.2	-50	-50	-50	-50	-50	-50	-50	-50	-50
				C.C.3	-123	-123	-123	-123	-123	-123	-123	-123	-123
				C.C.4	-132	-132	-132	-132	-132	-132	-132	-132	-132
				C.C.5	-97	-97	-97	-97	-97	-97	-97	-97	-97
				C.C.6	-107	-107	-107	-107	-107	-107	-107	-107	-107
				C.C.7	-180	-180	-180	-180	-180	-180	-180	-180	-180
				C.C.8	-189	-189	-189	-189	-189	-189	-189	-189	-189
				C.C.9	40	40	40	40	40	40	40	40	40
				C.C.10	22	22	22	22	22	22	22	22	22
				C.C.11	23	23	23	23	23	23	23	23	23
				C.C.12	5	5	5	5	5	5	5	5	5
				C.C.13	-235	-235	-235	-235	-235	-235	-235	-235	-235
				C.C.14	-253	-253	-253	-253	-253	-253	-253	-253	-253
				C.C.15	-252	-252	-252	-252	-252	-252	-252	-252	-252
				C.C.16	-270	-270	-270	-270	-270	-270	-270	-270	-270
36	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-143	-143	-143	-143	-143	-143	-143	-143	-143
				C.C.2	-150	-150	-150	-150	-150	-150	-150	-150	-150
				C.C.3	-225	-225	-225	-225	-225	-225	-225	-225	-225
				C.C.4	-232	-232	-232	-232	-232	-232	-232	-232	-232
				C.C.5	-233	-233	-233	-233	-233	-233	-233	-233	-233
				C.C.6	-239	-239	-239	-239	-239	-239	-239	-239	-239
				C.C.7	-315	-315	-315	-315	-315	-315	-315	-315	-315
				C.C.8	-322	-322	-322	-322	-322	-322	-322	-322	-322
				C.C.9	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.10	-88	-88	-88	-88	-88	-88	-88	-88	-88
				C.C.11	-102	-102	-102	-102	-102	-102	-102	-102	-102
				C.C.12	-115	-115	-115	-115	-115	-115	-115	-115	-115
				C.C.13	-350	-350	-350	-350	-350	-350	-350	-350	-350
				C.C.14	-363	-363	-363	-363	-363	-363	-363	-363	-363
				C.C.15	-377	-377	-377	-377	-377	-377	-377	-377	-377
				C.C.16	-390	-390	-390	-390	-390	-390	-390	-390	-390
37	Piano 3	24, 6	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	35	35	35	35	35	35	35	35	35
				C.C.2	36	36	36	36	36	36	36	36	36
				C.C.3	34	34	34	34	34	34	34	34	34
				C.C.4	35	35	35	35	35	35	35	35	35
				C.C.5	28	28	28	28	28	28	28	28	28
				C.C.6	29	29	29	29	29	29	29	29	29
				C.C.7	27	27	27	27	27	27	27	27	27
				C.C.8	27	27	27	27	27	27	27	27	27
				C.C.9	34	34	34	34	34	34	34	34	34
				C.C.10	36	36	36	36	36	36	36	36	36
				C.C.11	32	32	32	32	32	32	32	32	32
				C.C.12	34	34	34	34	34	34	34	34	34
				C.C.13	29	29	29	29	29	29	29	29	29
				C.C.14	31	31	31	31	31	31	31	31	31
				C.C.15	27	27	27	27	27	27	27	27	27
				C.C.16	29	29	29	29	29	29	29	29	29
38	Piano 3	8, 25	36		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=27)	(X=31)	(X=L)
				C.C.1	-447	-447	-447	-447	-447	-447	-447	-447	-447

				C.C.2	-451	-451	-451	-451	-451	-451	-451	-451	-451
				C.C.3	-434	-434	-434	-434	-434	-434	-434	-434	-434
				C.C.4	-438	-438	-438	-438	-438	-438	-438	-438	-438
				C.C.5	-467	-467	-467	-467	-467	-467	-467	-467	-467
				C.C.6	-471	-471	-471	-471	-471	-471	-471	-471	-471
				C.C.7	-454	-454	-454	-454	-454	-454	-454	-454	-454
				C.C.8	-458	-458	-458	-458	-458	-458	-458	-458	-458
				C.C.9	-468	-468	-468	-468	-468	-468	-468	-468	-468
				C.C.10	-476	-476	-476	-476	-476	-476	-476	-476	-476
				C.C.11	-474	-474	-474	-474	-474	-474	-474	-474	-474
				C.C.12	-482	-482	-482	-482	-482	-482	-482	-482	-482
				C.C.13	-423	-423	-423	-423	-423	-423	-423	-423	-423
				C.C.14	-431	-431	-431	-431	-431	-431	-431	-431	-431
				C.C.15	-429	-429	-429	-429	-429	-429	-429	-429	-429
				C.C.16	-437	-437	-437	-437	-437	-437	-437	-437	-437
39	Piano 3	8, 25	37		(X=0)	(X=5)	(X=9)	(X=14)	(X=18)	(X=23)	(X=28)	(X=32)	(X=L)
				C.C.1	-83	-83	-83	-83	-83	-83	-83	-83	-83
				C.C.2	-91	-91	-91	-91	-91	-91	-91	-91	-91
				C.C.3	-123	-123	-123	-123	-123	-123	-123	-123	-123
				C.C.4	-130	-130	-130	-130	-130	-130	-130	-130	-130
				C.C.5	-108	-108	-108	-108	-108	-108	-108	-108	-108
				C.C.6	-115	-115	-115	-115	-115	-115	-115	-115	-115
				C.C.7	-148	-148	-148	-148	-148	-148	-148	-148	-148
				C.C.8	-155	-155	-155	-155	-155	-155	-155	-155	-155
				C.C.9	-42	-42	-42	-42	-42	-42	-42	-42	-42
				C.C.10	-57	-57	-57	-57	-57	-57	-57	-57	-57
				C.C.11	-50	-50	-50	-50	-50	-50	-50	-50	-50
				C.C.12	-64	-64	-64	-64	-64	-64	-64	-64	-64
				C.C.13	-174	-174	-174	-174	-174	-174	-174	-174	-174
				C.C.14	-188	-188	-188	-188	-188	-188	-188	-188	-188
				C.C.15	-182	-182	-182	-182	-182	-182	-182	-182	-182
				C.C.16	-196	-196	-196	-196	-196	-196	-196	-196	-196
40	Piano 3	8, 25	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.2	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.3	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.4	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C.5	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.6	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C.7	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C.8	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.9	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.10	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.11	-31	-31	-31	-31	-31	-31	-31	-31	-31
				C.C.12	-32	-32	-32	-32	-32	-32	-32	-32	-32
				C.C.13	-34	-34	-34	-34	-34	-34	-34	-34	-34
				C.C.14	-35	-35	-35	-35	-35	-35	-35	-35	-35
				C.C.15	-33	-33	-33	-33	-33	-33	-33	-33	-33
				C.C.16	-35	-35	-35	-35	-35	-35	-35	-35	-35
41	Piano 3	6	238		(X=0)	(X=60)	(X=119)	(X=179)	(X=L)	-	-	-	-
				C.C.1	-398	-398	-398	-398	-398	-	-	-	-
				C.C.2	-225	-225	-225	-225	-225	-	-	-	-
				C.C.3	631	631	631	631	631	-	-	-	-
				C.C.4	804	804	804	804	804	-	-	-	-
				C.C.5	-669	-669	-669	-669	-669	-	-	-	-
				C.C.6	-497	-497	-497	-497	-497	-	-	-	-
				C.C.7	360	360	360	360	360	-	-	-	-
				C.C.8	532	532	532	532	532	-	-	-	-
				C.C.9	-1778	-1778	-1778	-1778	-1778	-	-	-	-
				C.C.10	-1436	-1436	-1436	-1436	-1436	-	-	-	-
				C.C.11	-1860	-1860	-1860	-1860	-1860	-	-	-	-
				C.C.12	-1517	-1517	-1517	-1517	-1517	-	-	-	-
				C.C.13	1652	1652	1652	1652	1652	-	-	-	-
				C.C.14	1994	1994	1994	1994	1994	-	-	-	-
				C.C.15	1570	1570	1570	1570	1570	-	-	-	-
				C.C.16	1913	1913	1913	1913	1913	-	-	-	-
42	Piano 3	8	476		(X=0)	(X=119)	(X=238)	(X=357)	(X=L)	-	-	-	-
				C.C.1	-531	-531	-531	-531	-531	-	-	-	-
				C.C.2	-301	-301	-301	-301	-301	-	-	-	-
				C.C.3	841	841	841	841	841	-	-	-	-
				C.C.4	1071	1071	1071	1071	1071	-	-	-	-
				C.C.5	-893	-893	-893	-893	-893	-	-	-	-
				C.C.6	-663	-663	-663	-663	-663	-	-	-	-

				C.C.7	479	479	479	479	479	-	-	-	-
				C.C.8	709	709	709	709	709	-	-	-	-
				C.C.9	-2372	-2372	-2372	-2372	-2372	-	-	-	-
				C.C.10	-1915	-1915	-1915	-1915	-1915	-	-	-	-
				C.C.11	-2480	-2480	-2480	-2480	-2480	-	-	-	-
				C.C.12	-2024	-2024	-2024	-2024	-2024	-	-	-	-
				C.C.13	2202	2202	2202	2202	2202	-	-	-	-
				C.C.14	2658	2658	2658	2658	2658	-	-	-	-
				C.C.15	2093	2093	2093	2093	2093	-	-	-	-
				C.C.16	2550	2550	2550	2550	2550	-	-	-	-

4.2.4 Momento Flettente X-Z.

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

La terminologia utilizzata è la seguente :

- Asta : numerazione interna al calcolo dell'asta.
 Imp. : livello di appartenenza dell'asta.
 Fili : Fili Fissi delimitanti l'asta.
 L : Lunghezza dell'asta nel modello di calcolo.
 Comb : Combinazione di Carico.
 Mxzi : Valore del Momento Flettente X-Z nella i-esima sezione.
 X : distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

Tabella 5.I

Momento Flettente (Mxz) [daNm]													
Asta	Imp.	Fili	L [cm]	Comb.	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉
1	Fondazione	1, 2	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	-107	-288	-539	-859	-1246	-1699	-2215	-2792
				C.C.2	0	-101	-265	-491	-777	-1122	-1524	-1980	-2490
				C.C.3	0	-53	-97	-130	-154	-167	-168	-158	-137
				C.C.4	0	-46	-74	-83	-72	-42	7	76	166
				C.C.5	0	61	131	208	292	382	477	577	681
				C.C.6	0	68	154	256	373	506	652	812	983
				C.C.7	0	116	322	616	997	1462	2008	2634	3336
				C.C.8	0	122	344	664	1079	1586	2183	2869	3639
				C.C.9	0	-115	-375	-777	-1319	-1998	-2810	-3753	-4823
				C.C.10	0	-102	-330	-683	-1157	-1751	-2462	-3287	-4224
				C.C.11	0	-64	-249	-553	-974	-1509	-2157	-2915	-3781
				C.C.12	0	-51	-204	-459	-812	-1263	-1809	-2450	-3182
				C.C.13	0	66	261	584	1032	1602	2293	3103	4029
				C.C.14	0	79	306	678	1193	1849	2641	3568	4628
				C.C.15	0	117	387	808	1377	2091	2946	3941	5071
				C.C.16	0	130	432	902	1539	2337	3294	4406	5670
2	Fondazione	2, 3	220		(X=0)	(X=28)	(X=55)	(X=83)	(X=110)	(X=138)	(X=165)	(X=193)	(X=L)
				C.C.1	-850	-638	-455	-291	-133	35	225	454	735
				C.C.2	-688	-529	-392	-267	-144	-10	146	338	578
				C.C.3	-721	-643	-526	-378	-202	0	224	470	735
				C.C.4	-559	-534	-463	-354	-213	-45	146	355	578
				C.C.5	1143	715	333	5	-265	-471	-605	-660	-624
				C.C.6	1304	824	397	29	-276	-515	-684	-776	-781
				C.C.7	1271	710	262	-82	-334	-505	-606	-644	-624
				C.C.8	1433	818	326	-58	-345	-550	-685	-759	-781
				C.C.9	-382	-211	-127	-98	-93	-80	-26	102	336
				C.C.10	-61	4	-1	-50	-115	-168	-182	-127	25
				C.C.11	216	195	109	-10	-133	-231	-275	-232	-71
				C.C.12	536	410	235	39	-155	-320	-431	-461	-382
				C.C.13	47	-229	-365	-387	-323	-196	-29	156	336
				C.C.14	367	-14	-239	-339	-345	-284	-185	-73	25
				C.C.15	645	177	-128	-299	-363	-347	-278	-178	-71
				C.C.16	965	392	-2	-250	-384	-436	-434	-407	-382
3	Fondazione	2, 6	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-157	1499	1973	1608	709	-445	-1589	-2452	-2728
				C.C.2	216	1382	1558	1045	117	-972	-1968	-2601	-2563
				C.C.3	3987	837	-1716	-3665	-4970	-5526	-5131	-3480	-172
				C.C.4	4359	720	-2131	-4227	-5562	-6053	-5510	-3630	-7
				C.C.5	-4199	-3224	-2074	-827	476	1811	3146	4411	5477

				C.C.6	-3827	-3342	-2489	-1389	-116	1285	2767	4261	5642
				C.C.7	-55	-3887	-5763	-6099	-5203	-3270	-396	3382	8033
				C.C.8	317	-4004	-6178	-6662	-5795	-3797	-775	3233	8198
				C.C.9	-6589	676	5065	7182	7544	6531	4385	1223	-2919
				C.C.10	-5851	444	4242	6068	6371	5488	3635	926	-2592
				C.C.11	-7802	-741	3851	6452	7474	7208	5806	3282	-458
				C.C.12	-7064	-974	3028	5337	6301	6165	5055	2985	-130
				C.C.13	7224	-1531	-7233	-10391	-11388	-10406	-7420	-2204	5600
				C.C.14	7962	-1764	-8056	-11506	-12560	-11450	-8170	-2501	5928
				C.C.15	6011	-2948	-8447	-11122	-11457	-9729	-5999	-145	8062
				C.C.16	6749	-3181	-9270	-12236	-12630	-10773	-6750	-442	8389
4	Fondazione	4, 3	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	-41	-60	-58	-35	10	75	162	269
				C.C.2	0	-47	-78	-94	-93	-76	-43	6	71
				C.C.3	0	-76	-178	-304	-454	-627	-824	-1042	-1282
				C.C.4	0	-83	-196	-339	-512	-713	-942	-1199	-1481
				C.C.5	0	100	262	486	770	1113	1515	1973	2487
				C.C.6	0	93	243	450	712	1027	1396	1817	2288
				C.C.7	0	64	144	240	351	476	616	769	935
				C.C.8	0	58	126	204	292	390	497	613	737
				C.C.9	0	53	199	437	765	1182	1687	2277	2953
				C.C.10	0	40	163	366	649	1012	1452	1968	2560
				C.C.11	0	95	296	600	1006	1513	2118	2821	3619
				C.C.12	0	82	259	529	891	1343	1883	2511	3225
				C.C.13	0	-65	-193	-383	-633	-943	-1311	-1737	-2219
				C.C.14	0	-78	-230	-454	-748	-1113	-1546	-2046	-2613
				C.C.15	0	-23	-97	-220	-392	-612	-879	-1193	-1554
				C.C.16	0	-36	-133	-291	-507	-782	-1114	-1503	-1947
5	Fondazione	3, 5	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	2040	-500	-2308	-3441	-3914	-3679	-2611	-520	2833
				C.C.2	1989	-387	-2098	-3194	-3684	-3517	-2574	-669	2428
				C.C.3	1078	198	-560	-1178	-1627	-1857	-1786	-1297	-241
				C.C.4	1027	311	-351	-931	-1397	-1695	-1749	-1447	-646
				C.C.5	-836	-3411	-4790	-5078	-4293	-2356	890	5643	12080
				C.C.6	-887	-3298	-4581	-4832	-4062	-2194	927	5494	11675
				C.C.7	-1798	-2713	-3042	-2815	-2006	-534	1715	4866	9006
				C.C.8	-1849	-2600	-2833	-2569	-1775	-373	1752	4716	8601
				C.C.9	2181	-2389	-5318	-6775	-6828	-5420	-2367	2617	9855
				C.C.10	2079	-2164	-4904	-6286	-6372	-5100	-2293	2322	9053
				C.C.11	1318	-3262	-6063	-7266	-6942	-5023	-1316	4466	12630
				C.C.12	1217	-3038	-5648	-6778	-6485	-4703	-1242	4170	11827
				C.C.13	-1026	-62	508	768	796	652	383	26	-393
				C.C.14	-1128	162	922	1257	1252	972	457	-270	-1195
				C.C.15	-1889	-936	-237	277	682	1048	1434	1875	2381
				C.C.16	-1990	-711	178	765	1138	1369	1508	1579	1579
6	Fondazione	5, 7	100		(X=0)	(X=13)	(X=25)	(X=38)	(X=50)	(X=63)	(X=75)	(X=88)	(X=L)
				C.C.1	-842	-2283	-3630	-4889	-6065	-7161	-8181	-9131	-10013
				C.C.2	-905	-2320	-3650	-4898	-6070	-7167	-8195	-9155	-10050
				C.C.3	170	-428	-1017	-1590	-2142	-2666	-3155	-3603	-4002
				C.C.4	107	-465	-1036	-1599	-2148	-2673	-3169	-3626	-4039
				C.C.5	-137	-126	5	247	590	1025	1542	2131	2782
				C.C.6	-200	-163	-14	238	585	1018	1528	2107	2745
				C.C.7	875	1729	2619	3546	4513	5519	6568	7659	8793
				C.C.8	812	1692	2600	3537	4508	5513	6554	7635	8756
				C.C.9	-1745	-3674	-5398	-6936	-8309	-9536	-10636	-11627	-12529
				C.C.10	-1871	-3748	-5436	-6954	-8319	-9549	-10662	-11674	-12602
				C.C.11	-1534	-3027	-4307	-5395	-6312	-7080	-7719	-8249	-8690
				C.C.12	-1659	-3101	-4345	-5413	-6322	-7094	-7745	-8296	-8764
				C.C.13	1629	2510	3315	4061	4765	5445	6118	6800	7507
				C.C.14	1503	2436	3276	4043	4755	5432	6092	6753	7434
				C.C.15	1840	3157	4405	5602	6762	7901	9035	10178	11345
				C.C.16	1715	3083	4367	5584	6752	7888	9009	10131	11272
7	Fondazione	7, 6	120		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	-10490	-8400	-6224	-3964	-1624	794	3288	5854	8491
				C.C.2	-10463	-8422	-6295	-4085	-1793	580	3034	5566	8177
				C.C.3	-4525	-4186	-3756	-3223	-2574	-1795	-872	208	1459
				C.C.4	-4499	-4208	-3827	-3344	-2742	-2008	-1126	-81	1144
				C.C.5	3245	2615	2041	1507	996	490	-30	-580	-1179
				C.C.6	3271	2593	1970	1387	827	276	-284	-868	-1493
				C.C.7	9209	6829	4509	2249	46	-2099	-4190	-6227	-8212
				C.C.8	9235	6807	4438	2128	-122	-2313	-4444	-6515	-8526
				C.C.9	-12653	-9451	-6175	-2854	484	3813	7104	10331	13466
				C.C.10	-12602	-9494	-6317	-3094	149	3389	6601	9761	12843

				C.C.11	-8533	-6146	-3696	-1213	1270	3721	6109	8401	10565
				C.C.12	-8481	-6190	-3837	-1452	935	3298	5606	7830	9942
				C.C.13	7227	4597	2051	-384	-2682	-4817	-6762	-8491	-9976
				C.C.14	7279	4553	1910	-623	-3016	-5240	-7265	-9062	-10599
				C.C.15	11347	7901	4530	1258	-1896	-4908	-7757	-10421	-12877
				C.C.16	11399	7858	4389	1018	-2230	-5331	-8261	-10992	-13500
8	Fondazione	6, 10	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	122	30	-38	-84	-107	-110	-92	-55	0
				C.C.2	389	246	131	43	-18	-52	-60	-43	0
				C.C.3	3272	2566	1938	1391	930	556	274	88	0
				C.C.4	3540	2783	2107	1518	1019	614	306	100	0
				C.C.5	-2102	-1683	-1301	-958	-660	-411	-215	-76	0
				C.C.6	-1834	-1467	-1132	-831	-571	-353	-183	-64	0
				C.C.7	1049	853	676	517	377	255	152	67	0
				C.C.8	1317	1070	845	644	466	313	183	79	0
				C.C.9	-4464	-3635	-2869	-2173	-1554	-1020	-578	-236	0
				C.C.10	-3933	-3207	-2534	-1922	-1377	-906	-515	-211	0
				C.C.11	-5131	-4149	-3248	-2435	-1720	-1110	-615	-242	0
				C.C.12	-4600	-3721	-2913	-2184	-1543	-996	-552	-217	0
				C.C.13	6038	4820	3719	2744	1902	1199	643	241	0
				C.C.14	6569	5248	4054	2995	2079	1313	706	266	0
				C.C.15	5371	4306	3341	2482	1736	1109	606	235	0
				C.C.16	5902	4735	3676	2733	1913	1223	669	260	0
9	Fondazione	7, 14	185		(X=0)	(X=23)	(X=46)	(X=69)	(X=93)	(X=116)	(X=139)	(X=162)	(X=L)
				C.C.1	3276	2306	1407	578	-187	-890	-1538	-2133	-2675
				C.C.2	3050	2130	1280	499	-216	-869	-1463	-1999	-2476
				C.C.3	2282	1521	825	196	-366	-860	-1287	-1643	-1925
				C.C.4	2057	1345	698	117	-395	-839	-1211	-1509	-1726
				C.C.5	1251	1039	877	757	667	596	528	448	341
				C.C.6	1025	863	750	678	638	617	603	582	539
				C.C.7	258	253	295	376	489	626	779	938	1091
				C.C.8	32	78	168	297	459	647	855	1072	1289
				C.C.9	3836	2865	1963	1124	336	-416	-1146	-1867	-2591
				C.C.10	3389	2516	1711	968	277	-374	-996	-1601	-2198
				C.C.11	3229	2485	1804	1178	592	30	-526	-1093	-1687
				C.C.12	2782	2136	1552	1022	533	72	-376	-827	-1294
				C.C.13	526	248	23	-147	-261	-315	-307	-234	-92
				C.C.14	79	-101	-229	-303	-319	-272	-157	32	301
				C.C.15	-82	-132	-136	-94	-5	131	312	540	813
				C.C.16	-529	-481	-388	-250	-63	173	462	806	1206
10	Fondazione	9, 8	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	102	283	540	871	1276	1752	2297	2909
				C.C.2	0	88	245	469	759	1113	1529	2006	2543
				C.C.3	0	-55	-143	-263	-412	-587	-788	-1010	-1253
				C.C.4	0	-69	-181	-333	-524	-751	-1011	-1300	-1618
				C.C.5	0	102	319	646	1081	1622	2264	3005	3842
				C.C.6	0	88	281	576	969	1458	2041	2715	3476
				C.C.7	0	-55	-107	-157	-202	-242	-275	-302	-320
				C.C.8	0	-69	-145	-227	-314	-405	-498	-592	-685
				C.C.9	0	292	811	1548	2497	3651	5003	6545	8270
				C.C.10	0	265	736	1408	2274	3328	4562	5970	7546
				C.C.11	0	292	821	1580	2560	3755	5157	6758	8550
				C.C.12	0	265	747	1440	2337	3431	4715	6183	7826
				C.C.13	0	-231	-609	-1128	-1780	-2560	-3462	-4478	-5602
				C.C.14	0	-259	-683	-1267	-2003	-2884	-3903	-5053	-6326
				C.C.15	0	-231	-598	-1096	-1717	-2457	-3308	-4265	-5322
				C.C.16	0	-259	-673	-1235	-1940	-2780	-3749	-4840	-6047
11	Fondazione	8, 11	186		(X=0)	(X=23)	(X=47)	(X=70)	(X=93)	(X=116)	(X=140)	(X=163)	(X=L)
				C.C.1	1186	704	309	1	-225	-371	-440	-434	-354
				C.C.2	1221	737	337	20	-218	-378	-465	-480	-423
				C.C.3	813	508	251	44	-114	-222	-280	-288	-243
				C.C.4	848	541	279	63	-106	-230	-306	-334	-313
				C.C.5	722	371	111	-68	-180	-235	-247	-225	-180
				C.C.6	757	404	139	-49	-173	-243	-272	-271	-249
				C.C.7	349	175	53	-25	-69	-86	-87	-79	-70
				C.C.8	384	208	81	-6	-62	-94	-112	-125	-139
				C.C.9	1442	799	294	-83	-342	-493	-546	-508	-388
				C.C.10	1511	865	349	-45	-328	-508	-596	-600	-525
				C.C.11	1303	700	235	-104	-329	-453	-488	-446	-336
				C.C.12	1372	765	290	-66	-314	-468	-538	-537	-473
				C.C.13	198	147	101	61	28	3	-14	-22	-20
				C.C.14	267	212	156	99	42	-12	-64	-113	-157
				C.C.15	59	47	41	40	42	44	44	41	32

				C.C.16	128	112	96	78	56	28	-6	-50	-105
12	Fondazione	12, 11	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	0	76	207	392	630	919	1258	1645	2079
				C.C.2	0	65	181	348	564	827	1138	1495	1896
				C.C.3	0	-26	-25	2	56	137	244	379	540
				C.C.4	0	-37	-51	-42	-10	45	125	228	357
				C.C.5	0	45	82	111	131	141	142	132	111
				C.C.6	0	34	56	66	64	50	22	-19	-73
				C.C.7	0	-57	-150	-279	-443	-641	-872	-1134	-1428
				C.C.8	0	-68	-176	-324	-510	-733	-991	-1285	-1612
				C.C.9	0	189	447	771	1158	1604	2108	2666	3275
				C.C.10	0	167	396	683	1026	1423	1871	2368	2912
				C.C.11	0	180	410	687	1008	1371	1773	2212	2685
				C.C.12	0	158	358	599	876	1190	1536	1914	2321
				C.C.13	0	-150	-327	-530	-756	-1003	-1270	-1554	-1854
				C.C.14	0	-172	-379	-618	-888	-1185	-1507	-1852	-2217
				C.C.15	0	-159	-365	-614	-906	-1237	-1605	-2008	-2444
				C.C.16	0	-181	-416	-703	-1037	-1418	-1842	-2306	-2808
13	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	2503	2143	1846	1610	1434	1314	1249	1235	1270
				C.C.2	2202	1886	1632	1437	1298	1215	1185	1206	1276
				C.C.3	935	830	765	740	755	810	905	1041	1217
				C.C.4	634	574	551	566	619	711	841	1012	1222
				C.C.5	-196	-216	-252	-306	-380	-473	-587	-723	-881
				C.C.6	-498	-472	-466	-480	-516	-572	-651	-752	-876
				C.C.7	-1765	-1528	-1332	-1177	-1059	-977	-930	-917	-935
				C.C.8	-2066	-1784	-1546	-1350	-1195	-1077	-994	-946	-929
				C.C.9	3536	2974	2477	2040	1658	1326	1038	790	577
				C.C.10	2939	2466	2053	1695	1389	1129	912	733	587
				C.C.11	2726	2267	1848	1465	1114	790	488	203	-69
				C.C.12	2129	1759	1424	1120	845	593	361	145	-58
				C.C.13	-1691	-1400	-1124	-860	-605	-355	-107	144	399
				C.C.14	-2289	-1908	-1548	-1205	-874	-552	-233	86	410
				C.C.15	-2501	-2108	-1754	-1435	-1149	-891	-657	-444	-246
				C.C.16	-3099	-2616	-2178	-1780	-1419	-1088	-784	-501	-236
14	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1289	898	552	247	-18	-247	-441	-603	-736
				C.C.2	1291	929	611	336	102	-94	-253	-377	-469
				C.C.3	1217	996	814	674	575	516	499	522	587
				C.C.4	1220	1026	874	763	694	669	686	748	854
				C.C.5	-874	-750	-650	-576	-528	-508	-515	-552	-619
				C.C.6	-871	-719	-591	-487	-409	-355	-328	-326	-352
				C.C.7	-945	-652	-387	-149	64	255	424	573	704
				C.C.8	-942	-622	-328	-60	184	408	612	799	971
				C.C.9	614	193	-205	-583	-947	-1303	-1655	-2009	-2369
				C.C.10	619	253	-87	-407	-710	-1000	-1283	-1561	-1841
				C.C.11	-35	-302	-565	-830	-1100	-1381	-1677	-1993	-2334
				C.C.12	-30	-241	-448	-654	-863	-1079	-1305	-1546	-1806
				C.C.13	376	518	671	841	1029	1240	1476	1742	2041
				C.C.14	381	578	789	1017	1266	1542	1848	2189	2569
				C.C.15	-272	23	311	594	876	1161	1454	1757	2076
				C.C.16	-268	84	428	770	1113	1464	1826	2205	2604
15	Fondazione	14, 13	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-41	-85	-112	-124	-121	-106	-80	-44	0
				C.C.2	149	71	11	-29	-53	-61	-54	-33	0
				C.C.3	1224	972	748	552	385	246	135	53	0
				C.C.4	1415	1127	871	646	453	291	162	65	0
				C.C.5	-1172	-944	-738	-555	-396	-260	-148	-62	0
				C.C.6	-981	-788	-615	-461	-328	-214	-122	-50	0
				C.C.7	94	113	122	120	110	92	67	36	0
				C.C.8	284	269	245	214	178	137	93	47	0
				C.C.9	-2006	-1695	-1395	-1109	-841	-593	-368	-170	0
				C.C.10	-1629	-1387	-1150	-923	-706	-503	-316	-147	0
				C.C.11	-2346	-1952	-1583	-1239	-923	-639	-389	-175	0
				C.C.12	-1969	-1644	-1338	-1052	-788	-549	-336	-153	0
				C.C.13	2212	1828	1471	1143	845	580	350	156	0
				C.C.14	2589	2136	1716	1330	980	670	402	178	0
				C.C.15	1872	1570	1283	1013	763	534	329	150	0
				C.C.16	2249	1878	1528	1200	898	624	381	173	0
16	Piano 1	2	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-1274	-1085	-896	-707	-517	-	-	-	-
				C.C.2	-1092	-873	-654	-434	-215	-	-	-	-
				C.C.3	533	-24	-581	-1138	-1695	-	-	-	-

				C.C.4	716	188	-339	-866	-1393	-	-	-	-
				C.C.5	-668	-165	339	843	1347	-	-	-	-
				C.C.6	-486	47	581	1115	1649	-	-	-	-
				C.C.7	1139	897	654	411	169	-	-	-	-
				C.C.8	1321	1109	896	684	471	-	-	-	-
				C.C.9	-3260	-2105	-950	206	1361	-	-	-	-
				C.C.10	-2899	-1685	-470	745	1960	-	-	-	-
				C.C.11	-3078	-1829	-579	670	1920	-	-	-	-
				C.C.12	-2718	-1409	-99	1210	2519	-	-	-	-
				C.C.13	2765	1432	100	-1233	-2566	-	-	-	-
				C.C.14	3126	1853	580	-694	-1967	-	-	-	-
				C.C.15	2947	1708	470	-768	-2006	-	-	-	-
				C.C.16	3307	2129	950	-229	-1407	-	-	-	-
17	Piano 1	3	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-700	-813	-926	-1038	-1151	-	-	-	-
				C.C.2	-701	-693	-684	-675	-667	-	-	-	-
				C.C.3	-228	-724	-1219	-1715	-2210	-	-	-	-
				C.C.4	-229	-603	-977	-1352	-1726	-	-	-	-
				C.C.5	184	591	999	1406	1814	-	-	-	-
				C.C.6	182	711	1240	1769	2298	-	-	-	-
				C.C.7	656	680	705	730	755	-	-	-	-
				C.C.8	655	801	947	1093	1239	-	-	-	-
				C.C.9	-941	-485	-28	428	884	-	-	-	-
				C.C.10	-943	-246	451	1148	1845	-	-	-	-
				C.C.11	-676	-64	549	1161	1774	-	-	-	-
				C.C.12	-678	175	1028	1881	2734	-	-	-	-
				C.C.13	633	-187	-1007	-1826	-2646	-	-	-	-
				C.C.14	631	52	-528	-1107	-1686	-	-	-	-
				C.C.15	898	234	-429	-1093	-1757	-	-	-	-
				C.C.16	896	473	50	-373	-796	-	-	-	-
18	Piano 1	6	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-2851	-1518	-185	1148	2481	-	-	-	-
				C.C.2	-2237	-1117	2	1122	2241	-	-	-	-
				C.C.3	2235	1461	687	-86	-860	-	-	-	-
				C.C.4	2849	1861	874	-113	-1100	-	-	-	-
				C.C.5	-3359	-2455	-1551	-647	258	-	-	-	-
				C.C.6	-2746	-2055	-1364	-673	18	-	-	-	-
				C.C.7	1726	524	-679	-1881	-3084	-	-	-	-
				C.C.8	2340	924	-492	-1908	-3324	-	-	-	-
				C.C.9	-9263	-5517	-1772	1974	5719	-	-	-	-
				C.C.10	-8047	-4725	-1402	1921	5244	-	-	-	-
				C.C.11	-9416	-5799	-2182	1435	5052	-	-	-	-
				C.C.12	-8200	-5006	-1812	1383	4577	-	-	-	-
				C.C.13	7689	4412	1135	-2142	-5419	-	-	-	-
				C.C.14	8905	5205	1505	-2195	-5895	-	-	-	-
				C.C.15	7537	4131	725	-2681	-6087	-	-	-	-
				C.C.16	8752	4924	1095	-2734	-6562	-	-	-	-
19	Piano 1	8	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-624	65	754	1443	2133	-	-	-	-
				C.C.2	-426	138	702	1266	1830	-	-	-	-
				C.C.3	-537	-850	-1162	-1475	-1788	-	-	-	-
				C.C.4	-339	-777	-1215	-1653	-2090	-	-	-	-
				C.C.5	159	1145	2131	3117	4103	-	-	-	-
				C.C.6	357	1218	2079	2939	3800	-	-	-	-
				C.C.7	246	230	214	198	182	-	-	-	-
				C.C.8	444	303	162	21	-120	-	-	-	-
				C.C.9	-549	1474	3498	5521	7545	-	-	-	-
				C.C.10	-157	1619	3394	5170	6945	-	-	-	-
				C.C.11	-314	1798	3911	6023	8136	-	-	-	-
				C.C.12	78	1943	3807	5672	7536	-	-	-	-
				C.C.13	-258	-1575	-2891	-4207	-5524	-	-	-	-
				C.C.14	134	-1430	-2995	-4559	-6123	-	-	-	-
				C.C.15	-23	-1251	-2478	-3705	-4933	-	-	-	-
				C.C.16	369	-1106	-2582	-4057	-5532	-	-	-	-
20	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-287	-245	-203	-162	-122	-82	-43	-5	33
				C.C.2	-256	-218	-181	-144	-108	-72	-37	-2	32
				C.C.3	-114	-94	-75	-56	-38	-21	-4	12	28
				C.C.4	-83	-68	-52	-38	-24	-10	3	15	27
				C.C.5	-270	-218	-167	-116	-66	-17	32	80	127
				C.C.6	-240	-192	-145	-98	-52	-7	38	82	126
				C.C.7	-97	-67	-38	-10	18	45	71	97	122
				C.C.8	-66	-41	-16	8	32	55	78	99	121

				C.C.9	-498	-424	-351	-279	-207	-136	-66	4	73
				C.C.10	-438	-372	-307	-243	-179	-116	-53	9	70
				C.C.11	-492	-416	-340	-265	-191	-117	-44	29	101
				C.C.12	-433	-364	-296	-229	-162	-96	-31	34	98
				C.C.13	79	79	77	75	72	69	65	61	56
				C.C.14	139	131	121	111	101	90	78	66	53
				C.C.15	84	87	88	89	89	89	88	86	84
				C.C.16	144	139	132	125	118	109	100	91	81
21	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	22	49	76	102	128	153	177	201	224
				C.C.2	21	44	65	87	107	127	147	165	183
				C.C.3	22	13	3	-7	-18	-30	-42	-54	-68
				C.C.4	21	7	-8	-23	-39	-55	-72	-90	-108
				C.C.5	101	134	165	196	227	256	286	314	342
				C.C.6	101	128	155	181	206	231	255	279	302
				C.C.7	101	97	92	87	81	74	67	59	51
				C.C.8	100	91	82	71	60	49	37	24	10
				C.C.9	51	124	198	270	342	414	485	555	625
				C.C.10	49	113	176	239	302	364	425	485	545
				C.C.11	74	150	224	299	372	445	517	589	660
				C.C.12	73	138	203	268	331	395	457	519	581
				C.C.13	50	3	-45	-94	-143	-193	-244	-295	-347
				C.C.14	48	-9	-67	-125	-184	-244	-304	-365	-426
				C.C.15	74	28	-19	-66	-114	-162	-211	-261	-311
				C.C.16	72	16	-40	-97	-154	-213	-271	-331	-391
22	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	243	298	351	405	458	510	561	612	663
				C.C.2	200	251	301	350	399	448	495	543	589
				C.C.3	-73	-53	-35	-17	0	17	33	48	63
				C.C.4	-115	-100	-86	-72	-58	-45	-33	-22	-11
				C.C.5	365	400	435	469	503	536	569	601	632
				C.C.6	322	353	385	415	445	474	503	531	559
				C.C.7	49	49	49	47	46	43	40	37	32
				C.C.8	6	2	-2	-7	-13	-19	-26	-33	-41
				C.C.9	675	766	856	947	1036	1125	1213	1300	1387
				C.C.10	590	673	756	839	921	1002	1082	1162	1242
				C.C.11	711	797	882	966	1050	1133	1215	1297	1378
				C.C.12	626	704	781	858	934	1010	1085	1159	1233
				C.C.13	-377	-404	-432	-460	-489	-519	-549	-580	-611
				C.C.14	-462	-497	-532	-568	-605	-642	-679	-718	-757
				C.C.15	-340	-373	-407	-441	-476	-511	-547	-583	-620
				C.C.16	-425	-466	-507	-549	-591	-634	-677	-721	-766
23	Piano 2	21, 2	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	10	139	267	395	522	649	775	901	1027
				C.C.2	11	117	223	328	433	538	642	745	848
				C.C.3	25	-10	-44	-79	-115	-150	-187	-224	-261
				C.C.4	26	-31	-88	-145	-203	-262	-321	-380	-440
				C.C.5	28	67	105	143	181	218	254	290	326
				C.C.6	29	46	62	77	92	106	120	134	147
				C.C.7	43	-81	-206	-330	-456	-582	-708	-835	-962
				C.C.8	44	-102	-249	-397	-545	-693	-842	-991	-1141
				C.C.9	-2	297	594	892	1189	1485	1781	2077	2372
				C.C.10	1	254	508	760	1013	1265	1516	1767	2017
				C.C.11	4	275	546	816	1086	1356	1625	1893	2161
				C.C.12	6	233	459	685	910	1135	1360	1584	1807
				C.C.13	48	-197	-442	-687	-933	-1179	-1426	-1673	-1921
				C.C.14	50	-239	-529	-818	-1109	-1400	-1691	-1983	-2275
				C.C.15	53	-218	-490	-763	-1035	-1309	-1582	-1857	-2131
				C.C.16	55	-261	-577	-894	-1211	-1529	-1847	-2166	-2485
24	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	641	583	524	464	403	342	279	215	151
				C.C.2	565	517	468	418	367	315	262	208	154
				C.C.3	21	40	58	75	92	107	121	134	147
				C.C.4	-55	-26	2	29	55	80	104	127	150
				C.C.5	619	554	489	422	355	286	217	147	75
				C.C.6	543	488	432	376	318	259	200	140	78
				C.C.7	-1	11	23	33	43	51	59	66	71
				C.C.8	-77	-55	-34	-13	6	25	42	59	74
				C.C.9	1393	1238	1083	926	768	610	450	289	128
				C.C.10	1243	1107	971	834	696	556	416	275	133
				C.C.11	1387	1230	1072	913	754	593	431	269	105
				C.C.12	1236	1099	960	821	681	540	398	255	111
				C.C.13	-672	-571	-470	-370	-271	-174	-77	19	114

				C.C.14	-823	-702	-582	-462	-344	-227	-110	5	120
				C.C.15	-679	-579	-480	-383	-286	-190	-95	-1	92
				C.C.16	-830	-710	-592	-475	-359	-243	-129	-15	97
25	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	97	68	38	7	-24	-57	-90	-125	-161
				C.C.2	104	76	47	17	-14	-46	-79	-113	-148
				C.C.3	143	128	112	96	78	59	39	19	-3
				C.C.4	151	136	121	105	88	70	50	30	9
				C.C.5	10	-30	-71	-113	-156	-200	-244	-290	-337
				C.C.6	18	-22	-62	-104	-146	-189	-233	-278	-324
				C.C.7	57	31	3	-25	-54	-84	-115	-146	-179
				C.C.8	64	39	12	-15	-44	-73	-103	-135	-167
				C.C.9	9	-41	-91	-142	-194	-247	-301	-356	-412
				C.C.10	23	-25	-74	-124	-175	-226	-279	-333	-388
				C.C.11	-17	-70	-124	-178	-234	-290	-347	-406	-465
				C.C.12	-3	-54	-106	-160	-214	-269	-325	-382	-440
				C.C.13	164	161	157	152	146	139	131	123	113
				C.C.14	178	176	174	170	166	160	154	146	138
				C.C.15	138	131	124	116	107	96	85	73	60
				C.C.16	152	147	141	134	126	117	107	97	85
26	Piano 2	3, 20	20		(X=0)	(X=3)	(X=5)	(X=8)	(X=10)	(X=13)	(X=15)	(X=18)	(X=L)
				C.C.1	-442	-375	-309	-242	-176	-109	-43	23	89
				C.C.2	-368	-311	-255	-199	-142	-87	-31	25	80
				C.C.3	-161	-131	-100	-70	-39	-9	21	51	80
				C.C.4	-87	-66	-46	-26	-6	14	33	53	72
				C.C.5	-38	-33	-28	-23	-18	-14	-9	-5	-1
				C.C.6	37	32	26	21	15	9	3	-3	-9
				C.C.7	243	212	181	150	118	87	55	23	-9
				C.C.8	318	277	235	193	152	110	67	25	-17
				C.C.9	-665	-573	-480	-388	-296	-204	-112	-21	71
				C.C.10	-517	-445	-373	-302	-230	-159	-87	-16	55
				C.C.11	-544	-470	-396	-322	-249	-175	-102	-29	44
				C.C.12	-396	-343	-289	-236	-183	-130	-77	-24	28
				C.C.13	272	244	216	187	159	130	101	72	43
				C.C.14	420	371	322	274	225	176	126	77	27
				C.C.15	393	347	300	253	206	159	112	64	16
				C.C.16	541	474	407	339	272	204	136	69	0
27	Piano 2	2	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	2605	1636	666	-304	-1274	-	-	-	-
				C.C.2	2154	1342	531	-281	-1092	-	-	-	-
				C.C.3	-410	-174	62	298	533	-	-	-	-
				C.C.4	-862	-467	-73	321	716	-	-	-	-
				C.C.5	1318	821	325	-172	-668	-	-	-	-
				C.C.6	866	528	190	-148	-486	-	-	-	-
				C.C.7	-1697	-988	-279	430	1139	-	-	-	-
				C.C.8	-2149	-1281	-414	454	1321	-	-	-	-
				C.C.9	5894	3606	1317	-972	-3260	-	-	-	-
				C.C.10	4999	3024	1050	-925	-2899	-	-	-	-
				C.C.11	5508	3362	1215	-932	-3078	-	-	-	-
				C.C.12	4613	2780	948	-885	-2718	-	-	-	-
				C.C.13	-4156	-2426	-696	1035	2765	-	-	-	-
				C.C.14	-5052	-3007	-963	1081	3126	-	-	-	-
				C.C.15	-4543	-2670	-798	1074	2947	-	-	-	-
				C.C.16	-5438	-3252	-1065	1121	3307	-	-	-	-
28	Piano 2	3	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	238	4	-231	-466	-700	-	-	-	-
				C.C.2	230	-3	-236	-468	-701	-	-	-	-
				C.C.3	1070	746	421	97	-228	-	-	-	-
				C.C.4	1062	739	417	94	-229	-	-	-	-
				C.C.5	-1691	-1223	-754	-285	184	-	-	-	-
				C.C.6	-1699	-1229	-758	-288	182	-	-	-	-
				C.C.7	-859	-481	-102	277	656	-	-	-	-
				C.C.8	-867	-487	-106	274	655	-	-	-	-
				C.C.9	-1404	-1288	-1173	-1057	-941	-	-	-	-
				C.C.10	-1420	-1301	-1182	-1062	-943	-	-	-	-
				C.C.11	-1983	-1656	-1329	-1003	-676	-	-	-	-
				C.C.12	-1998	-1668	-1338	-1008	-678	-	-	-	-
				C.C.13	1369	1185	1001	817	633	-	-	-	-
				C.C.14	1354	1173	992	811	631	-	-	-	-
				C.C.15	790	817	844	871	898	-	-	-	-
				C.C.16	775	805	835	865	896	-	-	-	-
29	Piano 2	6	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	5336	3289	1243	-804	-2851	-	-	-	-

				C.C.2	4085	2505	924	-656	-2237	-	-	-	-
				C.C.3	-3744	-2249	-754	741	2235	-	-	-	-
				C.C.4	-4994	-3033	-1073	888	2849	-	-	-	-
				C.C.5	5935	3612	1288	-1036	-3359	-	-	-	-
				C.C.6	4685	2827	970	-888	-2746	-	-	-	-
				C.C.7	-3144	-1926	-709	509	1726	-	-	-	-
				C.C.8	-4394	-2711	-1027	656	2340	-	-	-	-
				C.C.9	16752	10248	3744	-2759	-9263	-	-	-	-
				C.C.10	14274	8694	3113	-2467	-8047	-	-	-	-
				C.C.11	16932	10345	3758	-2829	-9416	-	-	-	-
				C.C.12	14454	8790	3127	-2537	-8200	-	-	-	-
				C.C.13	-13513	-8212	-2912	2389	7689	-	-	-	-
				C.C.14	-15991	-9767	-3543	2681	8905	-	-	-	-
				C.C.15	-13333	-8115	-2898	2319	7537	-	-	-	-
				C.C.16	-15811	-9670	-3529	2612	8752	-	-	-	-
30	Piano 2	8	68		(X=0)	(X=17)	(X=34)	(X=51)	(X=L)	-	-	-	-
				C.C.1	5152	3750	2348	946	-455	-	-	-	-
				C.C.2	4072	2986	1900	814	-272	-	-	-	-
				C.C.3	-1288	-1109	-931	-753	-574	-	-	-	-
				C.C.4	-2368	-1873	-1379	-885	-391	-	-	-	-
				C.C.5	2411	1852	1293	734	174	-	-	-	-
				C.C.6	1332	1088	845	601	358	-	-	-	-
				C.C.7	-4028	-3007	-1987	-966	55	-	-	-	-
				C.C.8	-5108	-3771	-2435	-1098	239	-	-	-	-
				C.C.9	12236	9130	6025	2919	-186	-	-	-	-
				C.C.10	10096	7616	5137	2657	177	-	-	-	-
				C.C.11	11414	8561	5708	2855	2	-	-	-	-
				C.C.12	9274	7047	4820	2593	366	-	-	-	-
				C.C.13	-9230	-7068	-4906	-2745	-583	-	-	-	-
				C.C.14	-11370	-8582	-5794	-3007	-219	-	-	-	-
				C.C.15	-10052	-7638	-5223	-2808	-394	-	-	-	-
				C.C.16	-12192	-9152	-6111	-3070	-30	-	-	-	-
31	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	1659	1501	1341	1180	1019	857	694	530	365
				C.C.2	1607	1456	1304	1151	997	842	687	531	374
				C.C.3	803	732	661	589	516	442	367	292	215
				C.C.4	750	687	624	559	494	428	361	293	224
				C.C.5	406	351	295	239	181	123	64	4	-57
				C.C.6	354	306	258	209	159	109	57	5	-49
				C.C.7	-451	-417	-385	-353	-322	-292	-263	-235	-207
				C.C.8	-503	-462	-422	-383	-344	-306	-270	-234	-198
				C.C.9	2246	2017	1787	1556	1324	1091	857	623	388
				C.C.10	2142	1928	1713	1497	1280	1063	844	625	405
				C.C.11	1870	1672	1473	1273	1072	871	668	465	261
				C.C.12	1767	1583	1399	1215	1029	843	655	467	278
				C.C.13	-610	-545	-480	-417	-354	-292	-231	-171	-112
				C.C.14	-714	-634	-554	-475	-397	-320	-244	-169	-94
				C.C.15	-986	-890	-794	-699	-606	-512	-420	-329	-238
				C.C.16	-1090	-978	-868	-758	-649	-541	-433	-327	-221
32	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	431	319	206	92	-23	-139	-255	-373	-491
				C.C.2	450	343	235	127	17	-93	-204	-316	-428
				C.C.3	368	317	266	214	161	107	52	-4	-60
				C.C.4	386	341	295	249	201	153	104	54	3
				C.C.5	50	12	-26	-66	-106	-147	-189	-232	-275
				C.C.6	69	36	3	-31	-65	-101	-137	-175	-213
				C.C.7	-14	10	34	56	78	99	119	138	156
				C.C.8	5	34	63	91	118	145	170	195	219
				C.C.9	363	202	40	-123	-287	-451	-616	-782	-949
				C.C.10	400	250	99	-53	-206	-360	-514	-669	-825
				C.C.11	248	110	-30	-170	-311	-453	-596	-740	-884
				C.C.12	286	158	29	-100	-231	-362	-494	-627	-760
				C.C.13	151	196	240	283	326	368	409	449	488
				C.C.14	188	244	299	353	407	459	511	562	612
				C.C.15	36	104	170	236	301	365	429	491	553
				C.C.16	73	152	229	306	382	457	531	604	677
33	Piano 3	5, 8	43		(X=0)	(X=5)	(X=11)	(X=16)	(X=21)	(X=27)	(X=32)	(X=37)	(X=L)
				C.C.1	-483	-675	-868	-1061	-1255	-1449	-1644	-1840	-2036
				C.C.2	-402	-580	-759	-938	-1118	-1298	-1479	-1661	-1843
				C.C.3	63	2	-61	-124	-187	-251	-316	-381	-447
				C.C.4	144	97	48	0	-50	-100	-150	-202	-253
				C.C.5	-263	-333	-403	-473	-545	-616	-689	-762	-835
				C.C.6	-182	-238	-294	-350	-407	-465	-523	-582	-642

				C.C.7	283	344	404	464	523	582	640	697	754
				C.C.8	364	439	513	587	660	733	805	877	947
				C.C.9	-1083	-1391	-1700	-2009	-2319	-2630	-2941	-3253	-3565
				C.C.10	-923	-1203	-1484	-1765	-2047	-2330	-2613	-2897	-3182
				C.C.11	-1017	-1288	-1560	-1833	-2106	-2380	-2654	-2929	-3205
				C.C.12	-857	-1100	-1344	-1589	-1834	-2080	-2327	-2574	-2821
				C.C.13	738	864	990	1115	1240	1364	1487	1610	1732
				C.C.14	898	1052	1206	1359	1512	1664	1815	1966	2116
				C.C.15	804	967	1129	1291	1453	1614	1774	1934	2093
				C.C.16	964	1155	1346	1536	1725	1914	2102	2289	2476
34	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	188	193	197	201	204	207	209	211	212
				C.C.2	-65	-29	6	41	75	108	141	173	205
				C.C.3	-1402	-1206	-1011	-816	-622	-428	-235	-42	150
				C.C.4	-1655	-1428	-1202	-977	-752	-527	-303	-80	143
				C.C.5	746	667	587	506	425	343	261	178	95
				C.C.6	493	445	395	346	295	244	193	141	89
				C.C.7	-844	-733	-622	-511	-401	-292	-183	-75	33
				C.C.8	-1097	-955	-813	-672	-531	-391	-251	-112	26
				C.C.9	2363	2100	1837	1573	1309	1044	779	513	247
				C.C.10	1862	1660	1458	1255	1052	848	644	439	234
				C.C.11	2530	2242	1954	1665	1375	1085	795	503	212
				C.C.12	2029	1802	1575	1347	1118	889	659	429	199
				C.C.13	-2938	-2564	-2191	-1817	-1445	-1073	-702	-331	40
				C.C.14	-3439	-3004	-2569	-2135	-1702	-1269	-837	-405	27
				C.C.15	-2771	-2422	-2074	-1726	-1379	-1032	-686	-340	5
				C.C.16	-3272	-2862	-2453	-2044	-1636	-1228	-821	-414	-8
35	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	198	218	238	257	275	293	311	327	344
				C.C.2	189	211	232	253	273	293	312	331	349
				C.C.3	130	153	176	199	221	242	263	284	303
				C.C.4	121	146	171	195	219	242	265	287	308
				C.C.5	115	119	122	124	126	127	128	128	128
				C.C.6	106	111	116	120	124	127	129	131	133
				C.C.7	47	54	60	66	71	76	81	84	88
				C.C.8	37	46	54	62	69	76	82	87	92
				C.C.9	254	263	272	280	287	295	301	307	313
				C.C.10	236	248	260	272	283	294	304	313	322
				C.C.11	229	233	237	240	243	245	246	247	248
				C.C.12	211	218	226	232	238	244	249	254	258
				C.C.13	25	46	67	87	106	125	143	161	178
				C.C.14	7	32	56	79	102	124	146	167	188
				C.C.15	0	16	32	47	61	75	89	101	114
				C.C.16	-18	2	21	39	57	74	91	108	123
36	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	416	463	509	554	599	643	687	730	773
				C.C.2	415	459	503	547	590	632	674	715	755
				C.C.3	332	353	372	392	411	429	447	464	481
				C.C.4	331	349	367	384	401	418	433	449	463
				C.C.5	194	214	233	252	271	289	306	323	339
				C.C.6	192	210	228	245	261	277	293	307	322
				C.C.7	110	104	97	90	82	74	66	57	47
				C.C.8	108	100	92	83	73	63	52	41	30
				C.C.9	437	506	574	641	708	774	840	906	970
				C.C.10	435	499	563	627	690	752	814	875	936
				C.C.11	371	431	491	551	610	668	726	783	840
				C.C.12	368	425	481	536	591	646	700	753	806
				C.C.13	157	138	120	101	81	60	40	18	-4
				C.C.14	154	132	109	86	62	38	13	-12	-38
				C.C.15	90	64	37	10	-18	-46	-75	-104	-134
				C.C.16	87	57	27	-4	-36	-68	-101	-134	-168
37	Piano 3	24, 6	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	126	6	-115	-236	-357	-479	-602	-724	-847
				C.C.2	102	18	-66	-151	-236	-321	-407	-493	-579
				C.C.3	-32	80	191	302	413	523	633	742	851
				C.C.4	-56	92	240	388	535	682	828	974	1119
				C.C.5	125	-6	-137	-268	-400	-532	-665	-798	-932
				C.C.6	101	7	-88	-183	-278	-374	-470	-567	-664
				C.C.7	-33	68	169	270	370	470	570	669	767
				C.C.8	-57	81	218	355	492	629	765	900	1035
				C.C.9	322	-91	-504	-917	-1331	-1745	-2160	-2575	-2990
				C.C.10	274	-66	-407	-748	-1089	-1431	-1773	-2116	-2459
				C.C.11	322	-94	-510	-927	-1344	-1761	-2179	-2597	-3016

				C.C.12	274	-70	-413	-758	-1102	-1447	-1793	-2138	-2485
				C.C.13	-205	156	517	877	1237	1596	1955	2314	2672
				C.C.14	-253	180	613	1046	1478	1910	2342	2773	3203
				C.C.15	-205	153	510	867	1224	1580	1936	2292	2647
				C.C.16	-253	177	607	1036	1466	1894	2323	2751	3178
38	Piano 3	8, 25	36		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=27)	(X=31)	(X=L)
				C.C.1	836	755	674	593	511	429	346	263	179
				C.C.2	638	574	509	444	378	312	246	179	111
				C.C.3	-542	-508	-474	-441	-408	-375	-343	-312	-281
				C.C.4	-739	-689	-639	-590	-541	-492	-444	-396	-348
				C.C.5	259	229	198	167	136	104	72	39	6
				C.C.6	62	48	33	18	3	-13	-29	-45	-62
				C.C.7	-1119	-1034	-950	-866	-783	-700	-618	-536	-454
				C.C.8	-1316	-1216	-1115	-1015	-916	-817	-718	-620	-522
				C.C.9	2338	2134	1928	1723	1517	1310	1103	896	688
				C.C.10	1947	1774	1601	1428	1254	1079	905	729	554
				C.C.11	2165	1976	1786	1595	1404	1213	1021	829	636
				C.C.12	1774	1616	1459	1300	1141	982	822	662	502
				C.C.13	-2255	-2077	-1899	-1723	-1546	-1370	-1194	-1019	-844
				C.C.14	-2646	-2436	-2227	-2018	-1809	-1601	-1393	-1186	-979
				C.C.15	-2428	-2235	-2042	-1850	-1659	-1467	-1277	-1086	-896
				C.C.16	-2819	-2594	-2369	-2145	-1922	-1698	-1475	-1253	-1031
39	Piano 3	8, 25	37		(X=0)	(X=5)	(X=9)	(X=14)	(X=18)	(X=23)	(X=28)	(X=32)	(X=L)
				C.C.1	121	99	78	56	33	10	-13	-37	-62
				C.C.2	79	62	45	27	9	-10	-29	-49	-69
				C.C.3	-156	-147	-139	-132	-125	-118	-112	-106	-101
				C.C.4	-197	-184	-172	-160	-149	-138	-128	-118	-109
				C.C.5	38	27	16	4	-9	-21	-35	-48	-63
				C.C.6	-3	-10	-17	-25	-33	-42	-51	-60	-70
				C.C.7	-238	-219	-201	-184	-166	-150	-133	-117	-102
				C.C.8	-279	-256	-234	-212	-191	-170	-149	-129	-109
				C.C.9	434	380	325	270	215	158	102	45	-12
				C.C.10	353	307	260	214	166	119	70	22	-27
				C.C.11	410	358	307	255	202	149	96	42	-13
				C.C.12	328	285	242	198	154	109	64	19	-28
				C.C.13	-487	-442	-398	-355	-312	-269	-227	-185	-144
				C.C.14	-568	-515	-463	-411	-360	-309	-258	-208	-158
				C.C.15	-511	-464	-417	-370	-324	-278	-233	-188	-144
				C.C.16	-593	-537	-482	-427	-372	-318	-265	-211	-159
40	Piano 3	8, 25	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-16	-13	-11	-8	-6	-5	-4	-3	-3
				C.C.2	-21	-18	-14	-12	-9	-7	-6	-5	-4
				C.C.3	-43	-37	-32	-27	-23	-19	-16	-13	-10
				C.C.4	-47	-41	-36	-31	-26	-22	-18	-14	-11
				C.C.5	-15	-13	-11	-9	-8	-7	-7	-7	-7
				C.C.6	-20	-17	-14	-12	-11	-9	-9	-8	-8
				C.C.7	-41	-36	-32	-28	-25	-21	-19	-16	-14
				C.C.8	-46	-41	-36	-31	-27	-24	-21	-18	-15
				C.C.9	17	17	16	16	14	12	10	8	5
				C.C.10	8	9	9	9	9	8	6	5	3
				C.C.11	17	17	16	15	14	12	10	7	4
				C.C.12	8	9	9	9	8	7	6	4	1
				C.C.13	-71	-63	-55	-48	-42	-36	-30	-25	-20
				C.C.14	-80	-71	-63	-55	-48	-41	-34	-28	-22
				C.C.15	-70	-63	-55	-49	-42	-36	-31	-26	-21
				C.C.16	-79	-71	-63	-55	-48	-41	-35	-29	-23
41	Piano 3	6	238		(X=0)	(X=60)	(X=119)	(X=179)	(X=L)	-	-	-	-
				C.C.1	-2662	-663	1337	3336	5336	-	-	-	-
				C.C.2	-1419	-43	1333	2709	4085	-	-	-	-
				C.C.3	5209	2971	733	-1506	-3744	-	-	-	-
				C.C.4	6452	3590	729	-2133	-4994	-	-	-	-
				C.C.5	-4382	-1802	777	3356	5935	-	-	-	-
				C.C.6	-3138	-1183	773	2729	4685	-	-	-	-
				C.C.7	3489	1831	173	-1486	-3144	-	-	-	-
				C.C.8	4733	2451	169	-2113	-4394	-	-	-	-
				C.C.9	-13057	-5605	1848	9300	16752	-	-	-	-
				C.C.10	-10593	-4377	1840	8057	14274	-	-	-	-
				C.C.11	-13573	-5946	1680	9306	16932	-	-	-	-
				C.C.12	-11109	-4718	1672	8063	14454	-	-	-	-
				C.C.13	13180	6507	-166	-6840	-13513	-	-	-	-
				C.C.14	15643	7735	-174	-8082	-15991	-	-	-	-
				C.C.15	12664	6165	-334	-6834	-13333	-	-	-	-
				C.C.16	15127	7393	-342	-8076	-15811	-	-	-	-

42	Piano 3	8	476		(X=0)	(X=119)	(X=238)	(X=357)	(X=L)	-	-	-	-
				C.C.1	-6360	-3255	-150	2955	6060	-	-	-	-
				C.C.2	-5470	-2906	-342	2223	4787	-	-	-	-
				C.C.3	488	-108	-703	-1299	-1895	-	-	-	-
				C.C.4	1378	242	-895	-2031	-3167	-	-	-	-
				C.C.5	-2055	-744	567	1878	3189	-	-	-	-
				C.C.6	-1165	-394	376	1146	1917	-	-	-	-
				C.C.7	4793	2404	14	-2375	-4765	-	-	-	-
				C.C.8	5683	2753	-177	-3107	-6038	-	-	-	-
				C.C.9	-13279	-6220	840	7900	14959	-	-	-	-
				C.C.10	-11515	-5527	461	6449	12438	-	-	-	-
				C.C.11	-11987	-5466	1055	7577	14098	-	-	-	-
				C.C.12	-10224	-4774	676	6127	11577	-	-	-	-
				C.C.13	9547	4272	-1004	-6279	-11555	-	-	-	-
				C.C.14	11311	4964	-1383	-7729	-14076	-	-	-	-
				C.C.15	10839	5025	-789	-6602	-12416	-	-	-	-
				C.C.16	12602	5717	-1167	-8052	-14937	-	-	-	-

4.2.5 Taglio X-Z.

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

La terminologia utilizzata è la seguente :

- Asta : numerazione interna al calcolo dell'asta.
 Imp. : livello di appartenenza dell'asta.
 Fili : Fili Fissi delimitanti l'asta.
 L : Lunghezza dell'asta nel modello di calcolo.
 Comb : Combinazione di Carico.
 Txzi : Valore del Taglio X-Z nella i-esima sezione.
 X : distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

Tabella 6.I

Taglio (Txz) [daN]													
Asta	Imp.	Fili	L [cm]	Comb.	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉
1	Fondazione	1, 2	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	-909	-1794	-2656	-3495	-4309	-5100	-5867	-6610
				C.C.2	0	-793	-1566	-2317	-3047	-3755	-4443	-5108	-5753
				C.C.3	0	115	234	358	487	621	760	903	1051
				C.C.4	0	230	463	698	935	1175	1417	1661	1908
				C.C.5	0	105	201	288	367	438	500	554	599
				C.C.6	0	220	429	628	815	992	1157	1312	1456
				C.C.7	0	1128	2229	3303	4349	5368	6360	7324	8259
				C.C.8	0	1244	2458	3642	4797	5922	7017	8082	9116
				C.C.9	0	-1805	-3575	-5310	-7008	-8672	-10299	-11890	-13445
				C.C.10	0	-1576	-3122	-4637	-6121	-7574	-8996	-10387	-11747
				C.C.11	0	-1501	-2977	-4426	-5850	-7247	-8619	-9964	-11282
				C.C.12	0	-1272	-2524	-3754	-4962	-6150	-7316	-8461	-9584
				C.C.13	0	1607	3187	4740	6265	7763	9234	10676	12091
				C.C.14	0	1836	3640	5412	7152	8860	10536	12179	13789
				C.C.15	0	1911	3786	5623	7424	9187	10914	12603	14254
				C.C.16	0	2140	4239	6296	8311	10284	12216	14105	15952
2	Fondazione	2, 3	220		(X=0)	(X=28)	(X=55)	(X=83)	(X=110)	(X=138)	(X=165)	(X=193)	(X=L)
				C.C.1	836	711	622	577	583	641	754	918	1129
				C.C.2	631	537	474	448	463	524	630	781	974
				C.C.3	184	338	464	572	667	755	836	910	970
				C.C.4	-21	164	316	442	548	637	713	773	815
				C.C.5	-1610	-1459	-1278	-1074	-851	-605	-333	-25	328
				C.C.6	-1815	-1632	-1425	-1204	-970	-723	-456	-161	173
				C.C.7	-2262	-1832	-1435	-1080	-766	-492	-250	-33	169
				C.C.8	-2467	-2005	-1583	-1209	-886	-609	-374	-169	14
				C.C.9	841	471	213	69	41	130	338	665	1110
				C.C.10	435	128	-79	-187	-196	-103	92	393	802
				C.C.11	107	-180	-357	-426	-389	-244	12	382	870
				C.C.12	-299	-523	-649	-683	-626	-477	-233	111	562
				C.C.13	-1332	-772	-312	51	323	509	614	638	581
				C.C.14	-1738	-1115	-605	-206	86	276	368	367	273
				C.C.15	-2066	-1423	-882	-445	-107	135	288	355	340

				C.C.16	-2472	-1766	-1175	-701	-344	-98	42	84	33
3	Fondazione	2, 6	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	4745	2320	533	-676	-1369	-1586	-1331	-569	769
				C.C.2	3663	1618	134	-840	-1348	-1410	-1012	-103	1395
				C.C.3	-5686	-4635	-3570	-2478	-1265	217	2149	4713	8058
				C.C.4	-6768	-5337	-3970	-2642	-1244	393	2467	5179	8684
				C.C.5	1065	1484	1712	1840	1918	1953	1905	1688	1173
				C.C.6	-17	781	1312	1676	1940	2129	2223	2154	1799
				C.C.7	-9365	-5471	-2392	38	2023	3756	5384	6970	8461
				C.C.8	-10448	-6174	-2791	-126	2044	3932	5703	7435	9087
				C.C.9	16156	10486	5929	2387	-351	-2537	-4414	-6170	-7899
				C.C.10	14012	9094	5138	2063	-308	-2189	-3782	-5247	-6659
				C.C.11	15053	10235	6282	3142	635	-1476	-3444	-5493	-7778
				C.C.12	12908	8843	5491	2817	678	-1127	-2812	-4570	-6538
				C.C.13	-18611	-12696	-7749	-3619	-3	3473	7184	11436	16395
				C.C.14	-20755	-14088	-8541	-3943	39	3822	7816	12359	17635
				C.C.15	-19715	-12947	-7396	-2864	983	4535	8155	12113	16516
				C.C.16	-21859	-14339	-8187	-3189	1026	4883	8786	13036	17756
4	Fondazione	4, 3	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	264	526	788	1049	1309	1568	1826	2083
				C.C.2	0	196	393	590	787	984	1181	1379	1577
				C.C.3	0	-315	-623	-923	-1215	-1499	-1775	-2044	-2304
				C.C.4	0	-383	-756	-1121	-1477	-1824	-2162	-2490	-2810
				C.C.5	0	778	1542	2292	3028	3749	4456	5149	5826
				C.C.6	0	711	1409	2094	2766	3424	4070	4702	5321
				C.C.7	0	199	393	581	764	941	1113	1279	1440
				C.C.8	0	132	260	383	502	616	727	833	934
				C.C.9	0	1152	2288	3408	4512	5598	6669	7722	8759
				C.C.10	0	1019	2024	3015	3992	4954	5903	6837	7757
				C.C.11	0	1307	2593	3859	5105	6331	7535	8719	9882
				C.C.12	0	1173	2329	3466	4585	5687	6770	7834	8880
				C.C.13	0	-778	-1543	-2295	-3034	-3761	-4475	-5176	-5863
				C.C.14	0	-911	-1807	-2688	-3554	-4405	-5241	-6061	-6865
				C.C.15	0	-623	-1238	-1844	-2441	-3029	-3608	-4179	-4740
				C.C.16	0	-757	-1502	-2237	-2961	-3673	-4374	-5064	-5742
5	Fondazione	3, 5	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-4989	-3627	-2385	-1215	-20	1329	2960	4983	7451
				C.C.2	-4614	-3382	-2252	-1181	-78	1175	2702	4608	6949
				C.C.3	-1392	-1192	-960	-691	-354	99	728	1596	2754
				C.C.4	-1016	-947	-828	-657	-412	-54	470	1221	2252
				C.C.5	-6032	-3767	-1758	138	2089	4257	6755	9610	12708
				C.C.6	-5656	-3523	-1625	172	2030	4103	6497	9235	12206
				C.C.7	-2434	-1332	-333	662	1755	3027	4523	6222	8012
				C.C.8	-2058	-1088	-201	696	1696	2873	4265	5847	7509
				C.C.9	-9735	-6636	-3892	-1370	1137	3863	7019	10739	15017
				C.C.10	-8991	-6152	-3629	-1302	1021	3559	6508	9996	14021
				C.C.11	-10048	-6678	-3704	-964	1770	4742	8158	12127	16594
				C.C.12	-9304	-6194	-3441	-897	1654	4437	7646	11384	15598
				C.C.13	2256	1479	856	377	23	-235	-421	-553	-638
				C.C.14	3000	1964	1118	445	-93	-540	-932	-1296	-1634
				C.C.15	1943	1437	1044	783	655	643	717	835	939
				C.C.16	2688	1922	1306	851	539	339	206	92	-57
6	Fondazione	5, 7	100		(X=0)	(X=13)	(X=25)	(X=38)	(X=50)	(X=63)	(X=75)	(X=88)	(X=L)
				C.C.1	-12524	-11758	-11031	-10343	-9692	-9075	-8490	-7935	-7405
				C.C.2	-12194	-11498	-10834	-10201	-9598	-9023	-8472	-7944	-7434
				C.C.3	-4441	-4395	-4299	-4151	-3952	-3700	-3394	-3035	-2619
				C.C.4	-4111	-4135	-4102	-4009	-3858	-3648	-3376	-3044	-2648
				C.C.5	-836	163	1086	1932	2702	3396	4013	4553	5015
				C.C.6	-507	423	1283	2074	2796	3449	4032	4544	4986
				C.C.7	7246	7525	7818	8124	8443	8772	9109	9453	9801
				C.C.8	7576	7785	8016	8266	8536	8824	9127	9444	9772
				C.C.9	-18025	-16303	-14742	-13341	-12097	-11007	-10068	-9276	-8627
				C.C.10	-17372	-15788	-14351	-13059	-11911	-10903	-10032	-9294	-8686
				C.C.11	-14519	-12727	-11107	-9658	-8378	-7265	-6317	-5530	-4901
				C.C.12	-13866	-12212	-10716	-9377	-8193	-7162	-6281	-5548	-4960
				C.C.13	8918	8239	7700	7299	7037	6910	6918	7058	7327
				C.C.14	9571	8754	8091	7581	7223	7014	6954	7039	7268
				C.C.15	12424	11815	11335	10982	10755	10652	10669	10804	11053
				C.C.16	13077	12330	11726	11264	10941	10756	10705	10786	10994
7	Fondazione	7, 6	120		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	13025	13616	14182	14726	15253	15763	16259	16737	17195
				C.C.2	12798	13375	13936	14486	15028	15564	16095	16620	17135
				C.C.3	2349	2909	3553	4284	5104	6015	7018	8114	9304

				C.C.4	2123	2668	3307	4043	4879	5815	6855	7998	9245
				C.C.5	-4848	-4412	-4089	-3882	-3792	-3820	-3966	-4230	-4613
				C.C.6	-5075	-4653	-4335	-4123	-4017	-4019	-4129	-4347	-4672
				C.C.7	-15524	-15119	-14717	-14324	-13941	-13569	-13207	-12853	-12503
				C.C.8	-15750	-15360	-14963	-14565	-14166	-13768	-13370	-12969	-12563
				C.C.9	19335	19916	20307	20514	20538	20381	20041	19515	18797
				C.C.10	18887	19439	19820	20037	20092	19986	19717	19284	18679
				C.C.11	13973	14508	14826	14931	14824	14506	13974	13225	12255
				C.C.12	13525	14030	14339	14455	14378	14111	13650	12993	12137
				C.C.13	-16250	-15774	-15121	-14293	-13292	-12115	-10761	-9226	-7505
				C.C.14	-16698	-16251	-15608	-14770	-13738	-12510	-11085	-9458	-7623
				C.C.15	-21612	-21182	-20602	-19876	-19005	-17990	-16829	-15516	-14047
				C.C.16	-22060	-21660	-21089	-20352	-19451	-18385	-17152	-15748	-14165
8	Fondazione	6, 10	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	-1854	-1588	-1331	-1085	-848	-621	-404	-197	0
				C.C.2	-2346	-2034	-1727	-1426	-1130	-839	-554	-274	0
				C.C.3	-7795	-6955	-6076	-5159	-4204	-3210	-2178	-1108	0
				C.C.4	-8287	-7401	-6472	-5500	-4486	-3428	-2328	-1185	0
				C.C.5	4313	3943	3525	3058	2542	1979	1367	708	0
				C.C.6	3821	3497	3129	2717	2261	1761	1218	631	0
				C.C.7	-1627	-1424	-1221	-1017	-813	-610	-406	-203	0
				C.C.8	-2120	-1870	-1617	-1358	-1095	-828	-556	-280	0
				C.C.9	7476	6829	6099	5286	4392	3416	2359	1220	0
				C.C.10	6501	5944	5314	4610	3834	2984	2062	1067	0
				C.C.11	9326	8488	7555	6529	5409	4196	2890	1492	0
				C.C.12	8351	7604	6771	5853	4851	3764	2593	1339	0
				C.C.13	-12325	-11062	-9719	-8296	-6794	-5213	-3554	-1816	0
				C.C.14	-13300	-11946	-10503	-8972	-7352	-5645	-3851	-1969	0
				C.C.15	-10475	-9403	-8262	-7053	-5777	-4433	-3022	-1545	0
				C.C.16	-11450	-10287	-9046	-7729	-6335	-4865	-3319	-1697	0
9	Fondazione	7, 14	185		(X=0)	(X=23)	(X=46)	(X=69)	(X=93)	(X=116)	(X=139)	(X=162)	(X=L)
				C.C.1	-4257	-3957	-3653	-3360	-3087	-2836	-2602	-2374	-2137
				C.C.2	-4037	-3743	-3442	-3148	-2870	-2608	-2357	-2109	-1846
				C.C.3	-3343	-3070	-2783	-2492	-2201	-1910	-1613	-1301	-962
				C.C.4	-3124	-2856	-2572	-2280	-1984	-1682	-1369	-1036	-671
				C.C.5	-1126	-888	-686	-529	-424	-376	-391	-475	-630
				C.C.6	-906	-674	-476	-318	-206	-147	-146	-209	-340
				C.C.7	-212	-1	183	339	462	550	598	598	545
				C.C.8	7	213	394	550	680	778	842	864	836
				C.C.9	-4334	-4023	-3733	-3486	-3295	-3167	-3101	-3091	-3124
				C.C.10	-3899	-3598	-3315	-3066	-2864	-2715	-2617	-2565	-2548
				C.C.11	-3395	-3102	-2843	-2636	-2496	-2429	-2438	-2522	-2672
				C.C.12	-2959	-2678	-2425	-2217	-2065	-1977	-1954	-1995	-2096
				C.C.13	-1290	-1067	-834	-593	-342	-81	194	485	794
				C.C.14	-854	-643	-416	-173	89	372	679	1011	1371
				C.C.15	-351	-146	56	257	457	657	857	1055	1246
				C.C.16	85	278	474	676	888	1110	1342	1581	1823
10	Fondazione	9, 8	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	874	1728	2562	3376	4170	4944	5698	6431
				C.C.2	0	764	1512	2244	2960	3659	4342	5008	5657
				C.C.3	0	-384	-742	-1076	-1385	-1668	-1926	-2160	-2367
				C.C.4	0	-493	-958	-1393	-1801	-2179	-2529	-2849	-3141
				C.C.5	0	1277	2520	3729	4904	6044	7151	8223	9260
				C.C.6	0	1167	2304	3411	4487	5533	6549	7533	8486
				C.C.7	0	19	50	91	143	206	280	366	462
				C.C.8	0	-90	-166	-227	-273	-305	-322	-324	-312
				C.C.9	0	2535	4992	7370	9669	11888	14028	16088	18066
				C.C.10	0	2319	4566	6741	8844	10876	12835	14721	16533
				C.C.11	0	2656	5230	7720	10127	12451	14690	16845	18915
				C.C.12	0	2440	4803	7091	9303	11438	13497	15478	17381
				C.C.13	0	-1656	-3241	-4756	-6200	-7573	-8874	-10104	-11262
				C.C.14	0	-1873	-3668	-5385	-7024	-8585	-10068	-11471	-12795
				C.C.15	0	-1535	-3004	-4406	-5742	-7010	-8212	-9347	-10413
				C.C.16	0	-1752	-3430	-5035	-6566	-8023	-9406	-10714	-11947
11	Fondazione	8, 11	186		(X=0)	(X=23)	(X=47)	(X=70)	(X=93)	(X=116)	(X=140)	(X=163)	(X=L)
				C.C.1	-2237	-1855	-1481	-1119	-770	-434	-108	211	529
				C.C.2	-2233	-1867	-1508	-1160	-824	-501	-188	120	427
				C.C.3	-1371	-1166	-955	-743	-531	-317	-101	119	346
				C.C.4	-1367	-1178	-982	-784	-585	-384	-181	28	244
				C.C.5	-1761	-1342	-972	-655	-389	-174	-8	112	187
				C.C.6	-1757	-1354	-999	-696	-443	-241	-87	21	85
				C.C.7	-895	-652	-447	-279	-149	-57	-1	19	4
				C.C.8	-891	-665	-474	-320	-203	-124	-80	-72	-98

				C.C.9	-3082	-2473	-1902	-1374	-890	-447	-42	329	672
				C.C.10	-3075	-2498	-1956	-1455	-997	-580	-199	149	470
				C.C.11	-2939	-2319	-1750	-1235	-775	-369	-12	299	569
				C.C.12	-2933	-2344	-1803	-1316	-883	-501	-169	119	367
				C.C.13	-195	-176	-151	-123	-91	-56	-19	21	64
				C.C.14	-189	-200	-205	-204	-198	-189	-176	-160	-138
				C.C.15	-53	-22	1	16	23	22	11	-9	-39
				C.C.16	-46	-47	-52	-65	-84	-111	-146	-189	-241
12	Fondazione	12, 11	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	0	896	1769	2621	3451	4259	5045	5809	6551
				C.C.2	0	832	1645	2440	3218	3977	4718	5440	6145
				C.C.3	0	424	849	1275	1703	2132	2562	2994	3428
				C.C.4	0	360	724	1094	1469	1850	2235	2626	3022
				C.C.5	0	-121	-250	-388	-535	-690	-854	-1027	-1208
				C.C.6	0	-185	-375	-569	-768	-973	-1181	-1395	-1614
				C.C.7	0	-593	-1171	-1735	-2283	-2818	-3337	-3841	-4331
				C.C.8	0	-657	-1295	-1915	-2517	-3100	-3664	-4210	-4737
				C.C.9	0	1122	2198	3227	4210	5147	6037	6880	7677
				C.C.10	0	995	1951	2869	3748	4588	5389	6151	6874
				C.C.11	0	817	1592	2324	3014	3662	4267	4830	5350
				C.C.12	0	690	1346	1966	2552	3103	3619	4100	4546
				C.C.13	0	-452	-872	-1260	-1618	-1944	-2238	-2501	-2732
				C.C.14	0	-578	-1118	-1618	-2080	-2502	-2886	-3231	-3536
				C.C.15	0	-756	-1478	-2163	-2814	-3428	-4008	-4552	-5060
				C.C.16	0	-883	-1724	-2521	-3276	-3987	-4656	-5281	-5864
13	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-6013	-5145	-4309	-3506	-2735	-1996	-1290	-617	23
				C.C.2	-5246	-4418	-3617	-2842	-2094	-1373	-679	-13	626
				C.C.3	-1035	-506	24	557	1091	1627	2164	2703	3244
				C.C.4	-269	220	717	1220	1731	2250	2775	3308	3848
				C.C.5	-926	-1148	-1382	-1629	-1888	-2160	-2444	-2740	-3049
				C.C.6	-159	-421	-690	-965	-1248	-1537	-1833	-2136	-2445
				C.C.7	4052	3490	2951	2433	1937	1463	1011	581	173
				C.C.8	4818	4217	3643	3097	2578	2086	1622	1185	776
				C.C.9	-10415	-9514	-8680	-7914	-7216	-6586	-6024	-5531	-5107
				C.C.10	-8897	-8074	-7308	-6599	-5947	-5352	-4814	-4333	-3910
				C.C.11	-8889	-8315	-7802	-7351	-6962	-6635	-6370	-6168	-6028
				C.C.12	-7371	-6875	-6430	-6036	-5693	-5401	-5160	-4970	-4832
				C.C.13	6176	5947	5764	5627	5536	5490	5491	5538	5631
				C.C.14	7695	7387	7136	6942	6805	6725	6702	6736	6827
				C.C.15	7702	7146	6642	6190	5790	5441	5145	4901	4709
				C.C.16	9221	8586	8014	7505	7059	6676	6356	6099	5906
14	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-6282	-5674	-5100	-4559	-4052	-3577	-3136	-2727	-2352
				C.C.2	-5765	-5153	-4569	-4012	-3482	-2981	-2506	-2060	-1641
				C.C.3	-2603	-2061	-1517	-973	-427	119	667	1216	1766
				C.C.4	-2086	-1539	-986	-425	142	716	1296	1884	2477
				C.C.5	1032	711	378	34	-323	-692	-1073	-1465	-1870
				C.C.6	1548	1233	910	581	246	-96	-444	-798	-1159
				C.C.7	4711	4325	3961	3620	3301	3004	2730	2478	2248
				C.C.8	5227	4846	4493	4168	3870	3601	3359	3145	2959
				C.C.9	-8267	-7911	-7624	-7405	-7255	-7173	-7159	-7214	-7337
				C.C.10	-7244	-6878	-6570	-6320	-6126	-5991	-5912	-5891	-5927
				C.C.11	-6073	-5996	-5980	-6027	-6136	-6307	-6540	-6835	-7192
				C.C.12	-5050	-4963	-4927	-4942	-5008	-5125	-5293	-5513	-5782
				C.C.13	3996	4134	4319	4550	4827	5149	5517	5931	6390
				C.C.14	5019	5167	5373	5635	5955	6331	6764	7253	7799
				C.C.15	6190	6050	5963	5928	5945	6014	6136	6309	6534
				C.C.16	7213	7083	7017	7013	7073	7196	7383	7632	7944
15	Fondazione	14, 13	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-1611	-1329	-1071	-835	-622	-432	-265	-121	0
				C.C.2	-2044	-1721	-1418	-1134	-869	-623	-396	-189	0
				C.C.3	-3640	-3187	-2733	-2279	-1824	-1369	-913	-457	0
				C.C.4	-4073	-3579	-3081	-2578	-2071	-1560	-1044	-524	0
				C.C.5	3041	2689	2329	1961	1585	1201	809	408	0
				C.C.6	2608	2297	1982	1662	1338	1010	677	341	0
				C.C.7	1012	832	667	517	383	264	161	73	0
				C.C.8	579	440	319	218	136	73	30	5	0
				C.C.9	2596	2436	2229	1975	1674	1326	931	489	0
				C.C.10	1739	1660	1541	1382	1185	947	671	355	0
				C.C.11	3992	3642	3249	2814	2336	1815	1253	648	0
				C.C.12	3135	2865	2561	2221	1847	1437	993	514	0
				C.C.13	-4166	-3755	-3312	-2838	-2333	-1796	-1229	-630	0

				C.C.14	-5024	-4532	-4001	-3431	-2822	-2174	-1488	-763	0
				C.C.15	-2771	-2549	-2292	-1999	-1671	-1306	-906	-471	0
				C.C.16	-3628	-3326	-2981	-2592	-2160	-1684	-1166	-605	0
16	Piano 1	2	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	1081	1081	1081	1081	1081	-	-	-	-
				C.C.2	1253	1253	1253	1253	1253	-	-	-	-
				C.C.3	-3184	-3184	-3184	-3184	-3184	-	-	-	-
				C.C.4	-3012	-3012	-3012	-3012	-3012	-	-	-	-
				C.C.5	2879	2879	2879	2879	2879	-	-	-	-
				C.C.6	3050	3050	3050	3050	3050	-	-	-	-
				C.C.7	-1386	-1386	-1386	-1386	-1386	-	-	-	-
				C.C.8	-1215	-1215	-1215	-1215	-1215	-	-	-	-
				C.C.9	6601	6601	6601	6601	6601	-	-	-	-
				C.C.10	6942	6942	6942	6942	6942	-	-	-	-
				C.C.11	7141	7141	7141	7141	7141	-	-	-	-
				C.C.12	7481	7481	7481	7481	7481	-	-	-	-
				C.C.13	-7615	-7615	-7615	-7615	-7615	-	-	-	-
				C.C.14	-7275	-7275	-7275	-7275	-7275	-	-	-	-
				C.C.15	-7076	-7076	-7076	-7076	-7076	-	-	-	-
				C.C.16	-6735	-6735	-6735	-6735	-6735	-	-	-	-
17	Piano 1	3	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-644	-644	-644	-644	-644	-	-	-	-
				C.C.2	50	50	50	50	50	-	-	-	-
				C.C.3	-2832	-2832	-2832	-2832	-2832	-	-	-	-
				C.C.4	-2138	-2138	-2138	-2138	-2138	-	-	-	-
				C.C.5	2329	2329	2329	2329	2329	-	-	-	-
				C.C.6	3023	3023	3023	3023	3023	-	-	-	-
				C.C.7	141	141	141	141	141	-	-	-	-
				C.C.8	835	835	835	835	835	-	-	-	-
				C.C.9	2608	2608	2608	2608	2608	-	-	-	-
				C.C.10	3983	3983	3983	3983	3983	-	-	-	-
				C.C.11	3500	3500	3500	3500	3500	-	-	-	-
				C.C.12	4875	4875	4875	4875	4875	-	-	-	-
				C.C.13	-4684	-4684	-4684	-4684	-4684	-	-	-	-
				C.C.14	-3309	-3309	-3309	-3309	-3309	-	-	-	-
				C.C.15	-3792	-3792	-3792	-3792	-3792	-	-	-	-
				C.C.16	-2417	-2417	-2417	-2417	-2417	-	-	-	-
18	Piano 1	6	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	7617	7617	7617	7617	7617	-	-	-	-
				C.C.2	6398	6398	6398	6398	6398	-	-	-	-
				C.C.3	-4422	-4422	-4422	-4422	-4422	-	-	-	-
				C.C.4	-5642	-5642	-5642	-5642	-5642	-	-	-	-
				C.C.5	5167	5167	5167	5167	5167	-	-	-	-
				C.C.6	3948	3948	3948	3948	3948	-	-	-	-
				C.C.7	-6872	-6872	-6872	-6872	-6872	-	-	-	-
				C.C.8	-8091	-8091	-8091	-8091	-8091	-	-	-	-
				C.C.9	21404	21404	21404	21404	21404	-	-	-	-
				C.C.10	18987	18987	18987	18987	18987	-	-	-	-
				C.C.11	20669	20669	20669	20669	20669	-	-	-	-
				C.C.12	18253	18253	18253	18253	18253	-	-	-	-
				C.C.13	-18727	-18727	-18727	-18727	-18727	-	-	-	-
				C.C.14	-21143	-21143	-21143	-21143	-21143	-	-	-	-
				C.C.15	-19462	-19462	-19462	-19462	-19462	-	-	-	-
				C.C.16	-21878	-21878	-21878	-21878	-21878	-	-	-	-
19	Piano 1	8	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	3939	3939	3939	3939	3939	-	-	-	-
				C.C.2	3224	3224	3224	3224	3224	-	-	-	-
				C.C.3	-1787	-1787	-1787	-1787	-1787	-	-	-	-
				C.C.4	-2502	-2502	-2502	-2502	-2502	-	-	-	-
				C.C.5	5634	5634	5634	5634	5634	-	-	-	-
				C.C.6	4919	4919	4919	4919	4919	-	-	-	-
				C.C.7	-91	-91	-91	-91	-91	-	-	-	-
				C.C.8	-806	-806	-806	-806	-806	-	-	-	-
				C.C.9	11563	11563	11563	11563	11563	-	-	-	-
				C.C.10	10146	10146	10146	10146	10146	-	-	-	-
				C.C.11	12071	12071	12071	12071	12071	-	-	-	-
				C.C.12	10655	10655	10655	10655	10655	-	-	-	-
				C.C.13	-7522	-7522	-7522	-7522	-7522	-	-	-	-
				C.C.14	-8939	-8939	-8939	-8939	-8939	-	-	-	-
				C.C.15	-7014	-7014	-7014	-7014	-7014	-	-	-	-
				C.C.16	-8430	-8430	-8430	-8430	-8430	-	-	-	-
20	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	848	836	824	812	800	788	775	763	751

				C.C.2	769	757	745	732	720	708	696	684	672
				C.C.3	403	391	379	366	354	342	330	318	306
				C.C.4	323	311	299	287	275	263	250	238	226
				C.C.5	1042	1029	1017	1005	993	981	969	957	944
				C.C.6	962	950	938	926	914	901	889	877	865
				C.C.7	596	584	572	560	547	535	523	511	499
				C.C.8	517	504	492	480	468	456	444	432	419
				C.C.9	1475	1463	1450	1438	1426	1414	1402	1390	1378
				C.C.10	1317	1305	1293	1281	1269	1257	1244	1232	1220
				C.C.11	1533	1521	1508	1496	1484	1472	1460	1448	1436
				C.C.12	1375	1363	1351	1339	1327	1315	1302	1290	1278
				C.C.13	-10	-22	-35	-47	-59	-71	-83	-95	-108
				C.C.14	-168	-180	-192	-204	-216	-228	-241	-253	-265
				C.C.15	48	36	23	11	-1	-13	-25	-37	-50
				C.C.16	-110	-122	-134	-146	-158	-171	-183	-195	-207
21	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	552	540	528	516	504	492	479	467	455
				C.C.2	454	442	430	418	405	393	381	369	357
				C.C.3	-176	-188	-200	-212	-224	-237	-249	-261	-273
				C.C.4	-274	-286	-298	-311	-323	-335	-347	-359	-371
				C.C.5	650	638	626	614	601	589	577	565	553
				C.C.6	552	540	527	515	503	491	479	467	455
				C.C.7	-78	-90	-102	-115	-127	-139	-151	-163	-175
				C.C.8	-176	-189	-201	-213	-225	-237	-249	-261	-274
				C.C.9	1484	1472	1460	1448	1436	1423	1411	1399	1387
				C.C.10	1289	1277	1265	1253	1241	1229	1217	1204	1192
				C.C.11	1514	1501	1489	1477	1465	1453	1441	1429	1416
				C.C.12	1319	1307	1294	1282	1270	1258	1246	1234	1222
				C.C.13	-943	-955	-967	-979	-992	-1004	-1016	-1028	-1040
				C.C.14	-1138	-1150	-1162	-1174	-1186	-1198	-1211	-1223	-1235
				C.C.15	-914	-926	-938	-950	-962	-974	-986	-999	-1011
				C.C.16	-1108	-1121	-1133	-1145	-1157	-1169	-1181	-1193	-1206
22	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	1098	1086	1073	1061	1049	1037	1025	1013	1000
				C.C.2	1021	1009	997	985	973	960	948	936	924
				C.C.3	387	375	363	351	339	327	315	302	290
				C.C.4	311	299	287	274	262	250	238	226	214
				C.C.5	717	705	693	681	669	656	644	632	620
				C.C.6	641	628	616	604	592	580	568	556	543
				C.C.7	7	-5	-17	-30	-42	-54	-66	-78	-90
				C.C.8	-70	-82	-94	-106	-118	-130	-143	-155	-167
				C.C.9	1831	1819	1806	1794	1782	1770	1758	1746	1734
				C.C.10	1679	1667	1655	1643	1630	1618	1606	1594	1582
				C.C.11	1717	1704	1692	1680	1668	1656	1644	1632	1619
				C.C.12	1565	1553	1541	1528	1516	1504	1492	1480	1468
				C.C.13	-537	-549	-561	-573	-585	-598	-610	-622	-634
				C.C.14	-689	-701	-713	-725	-737	-749	-761	-774	-786
				C.C.15	-651	-663	-675	-687	-700	-712	-724	-736	-748
				C.C.16	-803	-815	-827	-839	-851	-863	-876	-888	-900
23	Piano 2	21, 2	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	2948	2937	2927	2916	2905	2895	2884	2874	2863
				C.C.2	2434	2423	2413	2402	2391	2381	2370	2359	2349
				C.C.3	-774	-784	-795	-805	-816	-827	-837	-848	-859
				C.C.4	-1288	-1298	-1309	-1320	-1330	-1341	-1352	-1362	-1373
				C.C.5	893	883	872	862	851	840	830	819	808
				C.C.6	379	369	358	347	337	326	315	305	294
				C.C.7	-2828	-2839	-2849	-2860	-2871	-2881	-2892	-2903	-2913
				C.C.8	-3342	-3353	-3364	-3374	-3385	-3395	-3406	-3417	-3427
				C.C.9	6823	6812	6802	6791	6780	6770	6759	6749	6738
				C.C.10	5804	5794	5783	5772	5762	5751	5740	5730	5719
				C.C.11	6207	6196	6185	6175	6164	6153	6143	6132	6122
				C.C.12	5188	5177	5167	5156	5145	5135	5124	5113	5103
				C.C.13	-5582	-5593	-5603	-5614	-5625	-5635	-5646	-5657	-5667
				C.C.14	-6601	-6612	-6622	-6633	-6643	-6654	-6665	-6675	-6686
				C.C.15	-6199	-6209	-6220	-6230	-6241	-6252	-6262	-6273	-6284
				C.C.16	-7217	-7228	-7239	-7249	-7260	-7270	-7281	-7292	-7302
24	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-919	-934	-949	-964	-980	-995	-1010	-1025	-1040
				C.C.2	-761	-776	-792	-807	-822	-837	-852	-868	-883
				C.C.3	312	297	282	267	251	236	221	206	191
				C.C.4	470	455	439	424	409	394	379	363	348
				C.C.5	-1026	-1041	-1056	-1071	-1087	-1102	-1117	-1132	-1147
				C.C.6	-868	-883	-899	-914	-929	-944	-959	-975	-990

				C.C.7	205	190	175	160	145	129	114	99	84
				C.C.8	363	348	332	317	302	287	272	257	241
				C.C.9	-2470	-2485	-2500	-2515	-2531	-2546	-2561	-2576	-2591
				C.C.10	-2158	-2173	-2188	-2203	-2218	-2234	-2249	-2264	-2279
				C.C.11	-2502	-2517	-2532	-2548	-2563	-2578	-2593	-2608	-2623
				C.C.12	-2190	-2205	-2220	-2235	-2250	-2266	-2281	-2296	-2311
				C.C.13	1634	1619	1603	1588	1573	1558	1543	1527	1512
				C.C.14	1946	1931	1916	1900	1885	1870	1855	1840	1824
				C.C.15	1602	1586	1571	1556	1541	1526	1510	1495	1480
				C.C.16	1914	1899	1883	1868	1853	1838	1823	1808	1792
25	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-454	-469	-484	-499	-515	-530	-545	-560	-575
				C.C.2	-444	-459	-474	-489	-505	-520	-535	-550	-565
				C.C.3	-232	-247	-262	-277	-292	-307	-323	-338	-353
				C.C.4	-222	-237	-252	-267	-282	-297	-313	-328	-343
				C.C.5	-633	-649	-664	-679	-694	-709	-725	-740	-755
				C.C.6	-623	-639	-654	-669	-684	-699	-715	-730	-745
				C.C.7	-411	-426	-442	-457	-472	-487	-502	-517	-533
				C.C.8	-401	-416	-431	-447	-462	-477	-492	-507	-523
				C.C.9	-781	-796	-811	-826	-842	-857	-872	-887	-902
				C.C.10	-761	-776	-791	-807	-822	-837	-852	-867	-883
				C.C.11	-835	-850	-865	-880	-896	-911	-926	-941	-956
				C.C.12	-815	-830	-845	-860	-876	-891	-906	-921	-936
				C.C.13	-40	-55	-70	-86	-101	-116	-131	-146	-162
				C.C.14	-20	-35	-51	-66	-81	-96	-111	-126	-142
				C.C.15	-94	-109	-124	-139	-155	-170	-185	-200	-215
				C.C.16	-74	-89	-104	-120	-135	-150	-165	-180	-196
26	Piano 2	3, 20	20		(X=0)	(X=3)	(X=5)	(X=8)	(X=10)	(X=13)	(X=15)	(X=18)	(X=L)
				C.C.1	2679	2673	2666	2660	2654	2648	2642	2636	2630
				C.C.2	2265	2259	2253	2247	2241	2235	2229	2223	2217
				C.C.3	1232	1226	1220	1214	1208	1202	1195	1189	1183
				C.C.4	819	813	806	800	794	788	782	776	770
				C.C.5	208	202	196	190	184	178	172	166	160
				C.C.6	-205	-211	-217	-223	-229	-235	-242	-248	-254
				C.C.7	-1239	-1245	-1251	-1257	-1263	-1269	-1275	-1281	-1287
				C.C.8	-1652	-1658	-1664	-1670	-1676	-1682	-1688	-1694	-1700
				C.C.9	3705	3699	3692	3686	3680	3674	3668	3662	3656
				C.C.10	2886	2880	2874	2868	2861	2855	2849	2843	2837
				C.C.11	2964	2957	2951	2945	2939	2933	2927	2921	2915
				C.C.12	2145	2139	2132	2126	2120	2114	2108	2102	2096
				C.C.13	-1118	-1124	-1130	-1136	-1142	-1148	-1154	-1160	-1166
				C.C.14	-1937	-1943	-1949	-1955	-1961	-1967	-1973	-1979	-1985
				C.C.15	-1859	-1865	-1871	-1877	-1883	-1889	-1895	-1901	-1908
				C.C.16	-2678	-2684	-2690	-2696	-2702	-2708	-2714	-2720	-2726
27	Piano 2	2	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-1268	-1268	-1268	-1268	-1268	-	-	-	-
				C.C.2	-1061	-1061	-1061	-1061	-1061	-	-	-	-
				C.C.3	308	308	308	308	308	-	-	-	-
				C.C.4	515	515	515	515	515	-	-	-	-
				C.C.5	-649	-649	-649	-649	-649	-	-	-	-
				C.C.6	-442	-442	-442	-442	-442	-	-	-	-
				C.C.7	927	927	927	927	927	-	-	-	-
				C.C.8	1134	1134	1134	1134	1134	-	-	-	-
				C.C.9	-2992	-2992	-2992	-2992	-2992	-	-	-	-
				C.C.10	-2581	-2581	-2581	-2581	-2581	-	-	-	-
				C.C.11	-2806	-2806	-2806	-2806	-2806	-	-	-	-
				C.C.12	-2396	-2396	-2396	-2396	-2396	-	-	-	-
				C.C.13	2262	2262	2262	2262	2262	-	-	-	-
				C.C.14	2672	2672	2672	2672	2672	-	-	-	-
				C.C.15	2447	2447	2447	2447	2447	-	-	-	-
				C.C.16	2858	2858	2858	2858	2858	-	-	-	-
28	Piano 2	3	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-307	-307	-307	-307	-307	-	-	-	-
				C.C.2	-304	-304	-304	-304	-304	-	-	-	-
				C.C.3	-424	-424	-424	-424	-424	-	-	-	-
				C.C.4	-422	-422	-422	-422	-422	-	-	-	-
				C.C.5	613	613	613	613	613	-	-	-	-
				C.C.6	615	615	615	615	615	-	-	-	-
				C.C.7	495	495	495	495	495	-	-	-	-
				C.C.8	497	497	497	497	497	-	-	-	-
				C.C.9	151	151	151	151	151	-	-	-	-
				C.C.10	156	156	156	156	156	-	-	-	-
				C.C.11	427	427	427	427	427	-	-	-	-

				C.C.12	431	431	431	431	431	-	-	-	-
				C.C.13	-241	-241	-241	-241	-241	-	-	-	-
				C.C.14	-236	-236	-236	-236	-236	-	-	-	-
				C.C.15	35	35	35	35	35	-	-	-	-
				C.C.16	40	40	40	40	40	-	-	-	-
29	Piano 2	6	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	-2675	-2675	-2675	-2675	-2675	-	-	-	-
				C.C.2	-2066	-2066	-2066	-2066	-2066	-	-	-	-
				C.C.3	1954	1954	1954	1954	1954	-	-	-	-
				C.C.4	2563	2563	2563	2563	2563	-	-	-	-
				C.C.5	-3038	-3038	-3038	-3038	-3038	-	-	-	-
				C.C.6	-2428	-2428	-2428	-2428	-2428	-	-	-	-
				C.C.7	1592	1592	1592	1592	1592	-	-	-	-
				C.C.8	2201	2201	2201	2201	2201	-	-	-	-
				C.C.9	-8502	-8502	-8502	-8502	-8502	-	-	-	-
				C.C.10	-7295	-7295	-7295	-7295	-7295	-	-	-	-
				C.C.11	-8610	-8610	-8610	-8610	-8610	-	-	-	-
				C.C.12	-7403	-7403	-7403	-7403	-7403	-	-	-	-
				C.C.13	6929	6929	6929	6929	6929	-	-	-	-
				C.C.14	8136	8136	8136	8136	8136	-	-	-	-
				C.C.15	6820	6820	6820	6820	6820	-	-	-	-
				C.C.16	8027	8027	8027	8027	8027	-	-	-	-
30	Piano 2	8	68		(X=0)	(X=17)	(X=34)	(X=51)	(X=L)	-	-	-	-
				C.C.1	-8246	-8246	-8246	-8246	-8246	-	-	-	-
				C.C.2	-6388	-6388	-6388	-6388	-6388	-	-	-	-
				C.C.3	1050	1050	1050	1050	1050	-	-	-	-
				C.C.4	2908	2908	2908	2908	2908	-	-	-	-
				C.C.5	-3290	-3290	-3290	-3290	-3290	-	-	-	-
				C.C.6	-1432	-1432	-1432	-1432	-1432	-	-	-	-
				C.C.7	6006	6006	6006	6006	6006	-	-	-	-
				C.C.8	7864	7864	7864	7864	7864	-	-	-	-
				C.C.9	-18268	-18268	-18268	-18268	-18268	-	-	-	-
				C.C.10	-14586	-14586	-14586	-14586	-14586	-	-	-	-
				C.C.11	-16781	-16781	-16781	-16781	-16781	-	-	-	-
				C.C.12	-13099	-13099	-13099	-13099	-13099	-	-	-	-
				C.C.13	12717	12717	12717	12717	12717	-	-	-	-
				C.C.14	16399	16399	16399	16399	16399	-	-	-	-
				C.C.15	14204	14204	14204	14204	14204	-	-	-	-
				C.C.16	17886	17886	17886	17886	17886	-	-	-	-
31	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-2536	-2549	-2562	-2576	-2589	-2602	-2616	-2629	-2642
				C.C.2	-2413	-2427	-2440	-2453	-2467	-2480	-2493	-2506	-2520
				C.C.3	-1121	-1135	-1148	-1161	-1175	-1188	-1201	-1214	-1228
				C.C.4	-999	-1012	-1026	-1039	-1052	-1065	-1079	-1092	-1105
				C.C.5	-874	-887	-901	-914	-927	-941	-954	-967	-981
				C.C.6	-752	-765	-778	-792	-805	-818	-832	-845	-858
				C.C.7	540	527	514	500	487	474	460	447	434
				C.C.8	663	649	636	623	609	596	583	570	556
				C.C.9	-3664	-3678	-3691	-3704	-3717	-3731	-3744	-3757	-3771
				C.C.10	-3422	-3435	-3448	-3462	-3475	-3488	-3502	-3515	-3528
				C.C.11	-3166	-3179	-3192	-3206	-3219	-3232	-3246	-3259	-3272
				C.C.12	-2923	-2937	-2950	-2963	-2977	-2990	-3003	-3016	-3030
				C.C.13	1050	1037	1024	1010	997	984	970	957	944
				C.C.14	1293	1279	1266	1253	1240	1226	1213	1200	1186
				C.C.15	1549	1536	1522	1509	1496	1482	1469	1456	1442
				C.C.16	1791	1778	1765	1751	1738	1725	1711	1698	1685
32	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-1791	-1805	-1818	-1831	-1844	-1858	-1871	-1884	-1898
				C.C.2	-1704	-1717	-1730	-1744	-1757	-1770	-1784	-1797	-1810
				C.C.3	-802	-815	-828	-842	-855	-868	-881	-895	-908
				C.C.4	-714	-727	-741	-754	-767	-781	-794	-807	-821
				C.C.5	-597	-610	-623	-637	-650	-663	-676	-690	-703
				C.C.6	-509	-522	-536	-549	-562	-576	-589	-602	-616
				C.C.7	393	380	366	353	340	326	313	300	287
				C.C.8	481	467	454	441	427	414	401	387	374
				C.C.9	-2571	-2584	-2597	-2611	-2624	-2637	-2650	-2664	-2677
				C.C.10	-2397	-2410	-2424	-2437	-2450	-2464	-2477	-2490	-2504
				C.C.11	-2212	-2226	-2239	-2252	-2265	-2279	-2292	-2305	-2319
				C.C.12	-2039	-2052	-2065	-2079	-2092	-2105	-2119	-2132	-2145
				C.C.13	728	715	701	688	675	662	648	635	622
				C.C.14	902	888	875	862	848	835	822	808	795
				C.C.15	1087	1073	1060	1047	1033	1020	1007	993	980
				C.C.16	1260	1247	1233	1220	1207	1193	1180	1167	1153

33	Piano 3	5, 8	43		(X=0)	(X=5)	(X=11)	(X=16)	(X=21)	(X=27)	(X=32)	(X=37)	(X=L)
				C.C.1	-3610	-3621	-3632	-3644	-3655	-3666	-3678	-3689	-3700
				C.C.2	-3345	-3356	-3367	-3379	-3390	-3401	-3413	-3424	-3435
				C.C.3	-1155	-1167	-1178	-1189	-1201	-1212	-1223	-1235	-1246
				C.C.4	-890	-902	-913	-924	-936	-947	-958	-970	-981
				C.C.5	-1301	-1313	-1324	-1335	-1347	-1358	-1369	-1381	-1392
				C.C.6	-1036	-1048	-1059	-1070	-1082	-1093	-1104	-1115	-1127
				C.C.7	1153	1142	1130	1119	1108	1096	1085	1074	1062
				C.C.8	1418	1407	1395	1384	1373	1361	1350	1339	1328
				C.C.9	-5795	-5807	-5818	-5829	-5840	-5852	-5863	-5874	-5886
				C.C.10	-5270	-5281	-5293	-5304	-5315	-5327	-5338	-5349	-5361
				C.C.11	-5103	-5114	-5125	-5137	-5148	-5159	-5171	-5182	-5193
				C.C.12	-4577	-4589	-4600	-4611	-4623	-4634	-4645	-4657	-4668
				C.C.13	2386	2374	2363	2352	2341	2329	2318	2307	2295
				C.C.14	2911	2900	2888	2877	2866	2854	2843	2832	2820
				C.C.15	3078	3067	3056	3044	3033	3022	3010	2999	2988
				C.C.16	3604	3592	3581	3570	3558	3547	3536	3524	3513
34	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	102	92	81	70	60	49	38	28	17
				C.C.2	717	707	696	685	675	664	653	643	632
				C.C.3	3923	3912	3901	3891	3880	3869	3859	3848	3838
				C.C.4	4538	4527	4516	4506	4495	4484	4474	4463	4453
				C.C.5	-1585	-1595	-1606	-1616	-1627	-1638	-1648	-1659	-1670
				C.C.6	-970	-980	-991	-1002	-1012	-1023	-1033	-1044	-1055
				C.C.7	2236	2225	2215	2204	2193	2183	2172	2161	2151
				C.C.8	2851	2840	2830	2819	2808	2798	2787	2776	2766
				C.C.9	-5247	-5258	-5268	-5279	-5290	-5300	-5311	-5322	-5332
				C.C.10	-4029	-4039	-4050	-4060	-4071	-4082	-4092	-4103	-4114
				C.C.11	-5753	-5764	-5774	-5785	-5796	-5806	-5817	-5828	-5838
				C.C.12	-4535	-4545	-4556	-4567	-4577	-4588	-4598	-4609	-4620
				C.C.13	7488	7477	7466	7456	7445	7434	7424	7413	7403
				C.C.14	8706	8696	8685	8674	8664	8653	8642	8632	8621
				C.C.15	6982	6971	6960	6950	6939	6928	6918	6907	6896
				C.C.16	8200	8190	8179	8168	8158	8147	8136	8126	8115
35	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	406	395	385	374	363	353	342	331	321
				C.C.2	441	431	420	409	399	388	377	367	356
				C.C.3	477	466	455	445	434	423	413	402	391
				C.C.4	512	501	491	480	469	459	448	437	427
				C.C.5	74	63	53	42	31	21	10	0	-11
				C.C.6	109	99	88	78	67	56	46	35	24
				C.C.7	145	134	124	113	102	92	81	70	60
				C.C.8	180	170	159	148	138	127	116	106	95
				C.C.9	190	179	169	158	147	137	126	115	105
				C.C.10	260	249	239	228	217	207	196	185	175
				C.C.11	90	80	69	58	48	37	26	16	5
				C.C.12	160	150	139	128	118	107	96	86	75
				C.C.13	426	415	404	394	383	372	362	351	340
				C.C.14	496	485	474	464	453	442	432	421	410
				C.C.15	326	315	305	294	284	273	262	252	241
				C.C.16	396	386	375	364	354	343	332	322	311
36	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	934	923	912	902	891	880	870	859	848
				C.C.2	894	883	872	862	851	840	830	819	808
				C.C.3	414	403	393	382	371	361	350	339	329
				C.C.4	374	363	353	342	331	321	310	299	289
				C.C.5	406	395	384	374	363	352	342	331	320
				C.C.6	366	355	344	334	323	312	302	291	281
				C.C.7	-114	-125	-135	-146	-157	-167	-178	-189	-199
				C.C.8	-154	-165	-175	-186	-197	-207	-218	-229	-239
				C.C.9	1375	1364	1354	1343	1332	1322	1311	1300	1290
				C.C.10	1296	1285	1274	1264	1253	1242	1232	1221	1211
				C.C.11	1216	1206	1195	1185	1174	1163	1153	1142	1131
				C.C.12	1137	1127	1116	1105	1095	1084	1073	1063	1052
				C.C.13	-358	-368	-379	-390	-400	-411	-422	-432	-443
				C.C.14	-437	-448	-458	-469	-480	-490	-501	-511	-522
				C.C.15	-516	-527	-537	-548	-559	-569	-580	-591	-601
				C.C.16	-595	-606	-617	-627	-638	-649	-659	-670	-681
37	Piano 3	24, 6	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-2744	-2753	-2763	-2772	-2781	-2791	-2800	-2809	-2819
				C.C.2	-1909	-1918	-1928	-1937	-1946	-1956	-1965	-1974	-1984
				C.C.3	2562	2552	2543	2534	2524	2515	2506	2496	2487
				C.C.4	3397	3387	3378	3369	3359	3350	3341	3331	3322

				C.C.5	-2982	-2991	-3000	-3010	-3019	-3028	-3038	-3047	-3056
				C.C.6	-2147	-2156	-2165	-2175	-2184	-2193	-2203	-2212	-2221
				C.C.7	2324	2314	2305	2296	2287	2277	2268	2259	2249
				C.C.8	3159	3150	3140	3131	3122	3112	3103	3094	3084
				C.C.9	-9427	-9436	-9446	-9455	-9464	-9474	-9483	-9492	-9501
				C.C.10	-7772	-7782	-7791	-7800	-7810	-7819	-7828	-7838	-7847
				C.C.11	-9498	-9508	-9517	-9526	-9536	-9545	-9554	-9564	-9573
				C.C.12	-7844	-7853	-7862	-7872	-7881	-7890	-7900	-7909	-7918
				C.C.13	8259	8249	8240	8231	8221	8212	8203	8193	8184
				C.C.14	9913	9904	9894	9885	9876	9867	9857	9848	9839
				C.C.15	8187	8178	8169	8159	8150	8141	8131	8122	8113
				C.C.16	9842	9832	9823	9814	9804	9795	9786	9777	9767
38	Piano 3	8, 25	36		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=27)	(X=31)	(X=L)
				C.C.1	-1794	-1804	-1813	-1823	-1833	-1842	-1852	-1861	-1871
				C.C.2	-1433	-1442	-1452	-1462	-1471	-1481	-1490	-1500	-1509
				C.C.3	768	758	749	739	730	720	710	701	691
				C.C.4	1129	1120	1110	1101	1091	1082	1072	1062	1053
				C.C.5	-669	-678	-688	-697	-707	-716	-726	-736	-745
				C.C.6	-307	-317	-326	-336	-345	-355	-365	-374	-384
				C.C.7	1893	1884	1874	1865	1855	1846	1836	1827	1817
				C.C.8	2255	2245	2236	2226	2217	2207	2198	2188	2178
				C.C.9	-4567	-4576	-4586	-4596	-4605	-4615	-4624	-4634	-4643
				C.C.10	-3851	-3860	-3870	-3879	-3889	-3898	-3908	-3917	-3927
				C.C.11	-4229	-4239	-4248	-4258	-4267	-4277	-4286	-4296	-4306
				C.C.12	-3513	-3523	-3532	-3542	-3551	-3561	-3570	-3580	-3589
				C.C.13	3973	3964	3954	3945	3935	3926	3916	3907	3897
				C.C.14	4690	4680	4671	4661	4651	4642	4632	4623	4613
				C.C.15	4311	4302	4292	4282	4273	4263	4254	4244	4235
				C.C.16	5027	5018	5008	4999	4989	4980	4970	4961	4951
39	Piano 3	8, 25	37		(X=0)	(X=5)	(X=9)	(X=14)	(X=18)	(X=23)	(X=28)	(X=32)	(X=L)
				C.C.1	-458	-468	-478	-487	-497	-507	-517	-526	-536
				C.C.2	-366	-376	-386	-396	-405	-415	-425	-435	-444
				C.C.3	188	178	168	159	149	139	129	120	110
				C.C.4	280	270	260	250	241	231	221	211	202
				C.C.5	-236	-246	-256	-266	-275	-285	-295	-305	-314
				C.C.6	-145	-154	-164	-174	-184	-193	-203	-213	-223
				C.C.7	410	400	390	380	371	361	351	341	332
				C.C.8	502	492	482	472	462	453	443	433	423
				C.C.9	-1179	-1189	-1199	-1209	-1218	-1228	-1238	-1248	-1257
				C.C.10	-997	-1007	-1017	-1027	-1036	-1046	-1056	-1066	-1075
				C.C.11	-1113	-1123	-1132	-1142	-1152	-1162	-1171	-1181	-1191
				C.C.12	-931	-941	-950	-960	-970	-980	-989	-999	-1009
				C.C.13	974	964	955	945	935	925	916	906	896
				C.C.14	1156	1146	1137	1127	1117	1107	1098	1088	1078
				C.C.15	1041	1031	1021	1011	1002	992	982	972	963
				C.C.16	1223	1213	1203	1193	1184	1174	1164	1154	1145
40	Piano 3	8, 25	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	77	67	58	49	39	30	21	11	2
				C.C.2	87	77	68	59	49	40	31	21	12
				C.C.3	131	121	112	103	93	84	75	65	56
				C.C.4	141	131	122	113	103	94	85	75	66
				C.C.5	60	51	41	32	23	13	4	-5	-15
				C.C.6	70	61	51	42	33	23	14	5	-5
				C.C.7	114	105	96	86	77	68	58	49	40
				C.C.8	124	115	105	96	87	78	68	59	50
				C.C.9	3	-7	-16	-25	-35	-44	-53	-63	-72
				C.C.10	22	13	4	-5	-15	-24	-33	-43	-52
				C.C.11	-2	-12	-21	-30	-40	-49	-58	-67	-77
				C.C.12	18	8	-1	-10	-20	-29	-38	-48	-57
				C.C.13	183	174	165	155	146	137	127	118	109
				C.C.14	203	194	184	175	166	156	147	138	128
				C.C.15	178	169	160	150	141	132	122	113	104
				C.C.16	198	189	179	170	161	151	142	133	123
41	Piano 3	6	238		(X=0)	(X=60)	(X=119)	(X=179)	(X=L)	-	-	-	-
				C.C.1	3360	3360	3360	3360	3360	-	-	-	-
				C.C.2	2313	2313	2313	2313	2313	-	-	-	-
				C.C.3	-3762	-3762	-3762	-3762	-3762	-	-	-	-
				C.C.4	-4809	-4809	-4809	-4809	-4809	-	-	-	-
				C.C.5	4335	4335	4335	4335	4335	-	-	-	-
				C.C.6	3287	3287	3287	3287	3287	-	-	-	-
				C.C.7	-2787	-2787	-2787	-2787	-2787	-	-	-	-
				C.C.8	-3835	-3835	-3835	-3835	-3835	-	-	-	-
				C.C.9	12525	12525	12525	12525	12525	-	-	-	-

				C.C.10	10449	10449	10449	10449	10449	-	-	-	-
				C.C.11	12817	12817	12817	12817	12817	-	-	-	-
				C.C.12	10741	10741	10741	10741	10741	-	-	-	-
				C.C.13	-11215	-11215	-11215	-11215	-11215	-	-	-	-
				C.C.14	-13291	-13291	-13291	-13291	-13291	-	-	-	-
				C.C.15	-10923	-10923	-10923	-10923	-10923	-	-	-	-
				C.C.16	-12999	-12999	-12999	-12999	-12999	-	-	-	-
42	Piano 3	8	476		(X=0)	(X=119)	(X=238)	(X=357)	(X=L)	-	-	-	-
				C.C.1	2609	2609	2609	2609	2609	-	-	-	-
				C.C.2	2155	2155	2155	2155	2155	-	-	-	-
				C.C.3	-500	-500	-500	-500	-500	-	-	-	-
				C.C.4	-955	-955	-955	-955	-955	-	-	-	-
				C.C.5	1102	1102	1102	1102	1102	-	-	-	-
				C.C.6	647	647	647	647	647	-	-	-	-
				C.C.7	-2008	-2008	-2008	-2008	-2008	-	-	-	-
				C.C.8	-2462	-2462	-2462	-2462	-2462	-	-	-	-
				C.C.9	5932	5932	5932	5932	5932	-	-	-	-
				C.C.10	5032	5032	5032	5032	5032	-	-	-	-
				C.C.11	5480	5480	5480	5480	5480	-	-	-	-
				C.C.12	4580	4580	4580	4580	4580	-	-	-	-
				C.C.13	-4433	-4433	-4433	-4433	-4433	-	-	-	-
				C.C.14	-5333	-5333	-5333	-5333	-5333	-	-	-	-
				C.C.15	-4885	-4885	-4885	-4885	-4885	-	-	-	-
				C.C.16	-5786	-5786	-5786	-5786	-5786	-	-	-	-

4.2.6 Momento Flettente X-Y.

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

La terminologia utilizzata è la seguente :

- Asta : numerazione interna al calcolo dell'asta.
 Imp. : livello di appartenenza dell'asta.
 Fili : Fili Fissi delimitanti l'asta.
 L : Lunghezza dell'asta nel modello di calcolo.
 Comb : Combinazione di Carico.
 Mxyi : Valore del Momento Flettente X-Y nella i-esima sezione.
 X : distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

Tabella 7.I

Asta	Imp.	Fili	L [cm]	Comb.	Momento Flettente (Mxy) [daNm]								
					N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉
1	Fondazione	1, 2	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	-1	-6	-12	-21	-31	-43	-56	-70
				C.C.2	0	0	-1	-1	-2	-2	-1	1	4
				C.C.3	0	-5	-18	-41	-74	-115	-165	-224	-293
				C.C.4	0	-3	-14	-31	-54	-85	-123	-168	-220
				C.C.5	0	3	14	31	56	88	127	173	226
				C.C.6	0	5	19	42	75	117	169	229	299
				C.C.7	0	0	1	2	3	4	4	4	2
				C.C.8	0	2	6	13	23	34	47	61	75
				C.C.9	0	3	14	32	58	93	138	193	258
				C.C.10	0	6	23	53	96	152	221	305	403
				C.C.11	0	5	20	45	81	129	189	261	347
				C.C.12	0	7	29	66	119	188	272	374	492
				C.C.13	0	-7	-29	-65	-117	-185	-269	-369	-486
				C.C.14	0	-5	-19	-44	-80	-127	-185	-257	-341
				C.C.15	0	-6	-23	-52	-94	-149	-218	-300	-397
				C.C.16	0	-3	-13	-31	-56	-91	-135	-188	-253
2	Fondazione	2, 3	220		(X=0)	(X=28)	(X=55)	(X=83)	(X=110)	(X=138)	(X=165)	(X=193)	(X=L)
				C.C.1	6	58	85	88	67	24	-41	-128	-235
				C.C.2	-14	43	75	83	68	30	-31	-114	-219
				C.C.3	19	63	85	86	64	19	-48	-139	-254
				C.C.4	-1	48	75	81	65	25	-38	-125	-238
				C.C.5	-29	-73	-93	-91	-65	-16	59	160	286
				C.C.6	-49	-88	-103	-96	-65	-10	69	173	302
				C.C.7	-16	-68	-93	-93	-69	-20	53	149	267
				C.C.8	-36	-83	-103	-98	-68	-14	63	162	283

				C.C.9	-12	14	27	30	24	12	-3	-21	-38
				C.C.10	-52	-16	8	21	26	24	17	6	-6
				C.C.11	-23	-25	-26	-24	-16	1	27	65	119
				C.C.12	-62	-55	-46	-33	-14	12	47	92	150
				C.C.13	32	30	28	23	13	-2	-25	-58	-102
				C.C.14	-7	1	8	14	15	9	-5	-31	-70
				C.C.15	22	-9	-26	-31	-27	-14	5	28	55
				C.C.16	-18	-39	-45	-40	-25	-3	25	55	86
3	Fondazione	2, 6	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-44	-290	-481	-547	-420	-27	707	1854	3486
				C.C.2	24	-281	-493	-560	-428	-43	653	1718	3204
				C.C.3	-214	574	1104	1379	1401	1161	650	-151	-1260
				C.C.4	-146	583	1091	1367	1392	1145	596	-288	-1542
				C.C.5	158	-551	-1039	-1296	-1311	-1064	-532	312	1499
				C.C.6	227	-542	-1051	-1309	-1319	-1080	-586	176	1218
				C.C.7	-12	313	545	630	510	124	-589	-1693	-3247
				C.C.8	57	322	533	618	502	108	-642	-1829	-3528
				C.C.9	192	-1394	-2518	-3051	-2852	-1768	366	3721	8466
				C.C.10	327	-1376	-2543	-3076	-2868	-1800	260	3450	7908
				C.C.11	252	-1472	-2686	-3276	-3119	-2079	-6	3258	7870
				C.C.12	388	-1455	-2710	-3301	-3135	-2111	-112	2988	7312
				C.C.13	-375	1486	2763	3371	3217	2193	176	-2963	-7355
				C.C.14	-240	1504	2738	3346	3201	2160	70	-3233	-7912
				C.C.15	-315	1408	2595	3146	2950	1881	-196	-3426	-7950
				C.C.16	-179	1426	2571	3122	2934	1849	-302	-3696	-8508
4	Fondazione	4, 3	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	-1	-6	-12	-21	-31	-43	-56	-70
				C.C.2	0	0	-1	-1	-1	-1	0	1	4
				C.C.3	0	-5	-18	-40	-72	-112	-161	-220	-286
				C.C.4	0	-3	-13	-29	-53	-82	-119	-162	-212
				C.C.5	0	3	14	31	54	85	123	168	220
				C.C.6	0	5	19	42	74	115	166	225	293
				C.C.7	0	0	1	2	3	4	5	4	3
				C.C.8	0	2	6	13	23	34	47	62	77
				C.C.9	0	3	13	30	56	89	132	185	248
				C.C.10	0	6	23	52	94	149	217	298	394
				C.C.11	0	5	19	43	78	124	182	252	334
				C.C.12	0	7	29	65	117	184	266	365	481
				C.C.13	0	-7	-28	-64	-115	-181	-262	-360	-474
				C.C.14	0	-4	-18	-42	-76	-121	-178	-246	-327
				C.C.15	0	-6	-22	-51	-92	-146	-212	-293	-387
				C.C.16	0	-3	-13	-29	-54	-86	-128	-179	-241
5	Fondazione	3, 5	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	-265	-359	-427	-431	-335	-99	317	956	1855
				C.C.2	-230	-358	-437	-440	-339	-105	294	890	1712
				C.C.3	-368	138	501	721	798	727	502	111	-456
				C.C.4	-334	140	492	713	794	721	478	45	-599
				C.C.5	354	-127	-485	-717	-817	-779	-589	-234	303
				C.C.6	389	-126	-495	-725	-821	-784	-613	-300	160
				C.C.7	250	371	443	436	316	48	-405	-1079	-2009
				C.C.8	285	372	433	428	312	42	-428	-1145	-2151
				C.C.9	56	-859	-1525	-1872	-1824	-1298	-204	1556	4078
				C.C.10	125	-856	-1544	-1889	-1832	-1310	-250	1426	3796
				C.C.11	241	-790	-1543	-1957	-1969	-1502	-476	1199	3612
				C.C.12	310	-787	-1562	-1974	-1977	-1514	-522	1069	3330
				C.C.13	-290	800	1568	1971	1953	1457	411	-1258	-3626
				C.C.14	-221	803	1549	1954	1945	1445	365	-1388	-3909
				C.C.15	-104	869	1551	1885	1809	1253	139	-1615	-4092
				C.C.16	-35	872	1532	1868	1801	1241	93	-1745	-4374
6	Fondazione	5, 7	100		(X=0)	(X=13)	(X=25)	(X=38)	(X=50)	(X=63)	(X=75)	(X=88)	(X=L)
				C.C.1	4515	3995	3511	3063	2653	2280	1946	1652	1398
				C.C.2	4154	3660	3204	2786	2407	2068	1769	1511	1294
				C.C.3	-219	-466	-670	-832	-952	-1029	-1066	-1060	-1014
				C.C.4	-580	-801	-978	-1110	-1197	-1241	-1243	-1201	-1118
				C.C.5	-841	-384	28	394	715	993	1226	1417	1565
				C.C.6	-1201	-719	-280	116	470	781	1049	1276	1461
				C.C.7	-5575	-4845	-4154	-3501	-2889	-2317	-1785	-1295	-847
				C.C.8	-5936	-5180	-4461	-3779	-3135	-2529	-1963	-1436	-951
				C.C.9	8341	7832	7321	6810	6300	5795	5295	4803	4321
				C.C.10	7626	7168	6712	6260	5814	5374	4944	4524	4116
				C.C.11	6734	6519	6276	6009	5719	5408	5079	4733	4371
				C.C.12	6019	5854	5667	5459	5232	4988	4728	4454	4166
				C.C.13	-7440	-7039	-6617	-6175	-5714	-5237	-4744	-4238	-3719

				C.C.14	-8155	-7704	-7226	-6724	-6201	-5657	-5095	-4517	-3924
				C.C.15	-9047	-8353	-7662	-6976	-6295	-5623	-4960	-4309	-3669
				C.C.16	-9762	-9017	-8271	-7525	-6782	-6043	-5311	-4588	-3874
7	Fondazione	7, 6	120		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	703	-119	-882	-1584	-2224	-2802	-3315	-3762	-4142
				C.C.2	655	-110	-815	-1459	-2041	-2561	-3017	-3408	-3735
				C.C.3	-1427	-1173	-861	-492	-66	417	956	1551	2201
				C.C.4	-1474	-1163	-794	-367	118	658	1254	1904	2609
				C.C.5	2699	2258	1757	1198	581	-93	-824	-1610	-2452
				C.C.6	2651	2267	1824	1323	764	148	-526	-1257	-2044
				C.C.7	570	1204	1778	2290	2740	3125	3447	3703	3892
				C.C.8	522	1214	1845	2415	2923	3366	3745	4056	4299
				C.C.9	3909	1937	-16	-1946	-3851	-5727	-7571	-9381	-11152
				C.C.10	3814	1955	117	-1698	-3488	-5249	-6981	-8680	-10344
				C.C.11	4508	2650	776	-1112	-3009	-4914	-6824	-8735	-10645
				C.C.12	4413	2668	909	-863	-2646	-4437	-6234	-8035	-9837
				C.C.13	-3189	-1574	55	1695	3344	5002	6664	8329	9994
				C.C.14	-3283	-1556	187	1943	3708	5479	7254	9029	10802
				C.C.15	-2590	-861	846	2529	4186	5814	7411	8974	10501
				C.C.16	-2684	-842	979	2777	4549	6292	8001	9675	11309
8	Fondazione	6, 10	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	986	758	559	390	251	142	63	16	0
				C.C.2	942	723	533	371	238	135	60	15	0
				C.C.3	723	552	405	281	179	101	45	11	0
				C.C.4	678	518	379	262	167	94	42	10	0
				C.C.5	-698	-533	-390	-270	-172	-97	-43	-11	0
				C.C.6	-742	-568	-417	-289	-185	-104	-46	-11	0
				C.C.7	-962	-739	-545	-379	-244	-138	-61	-15	0
				C.C.8	-1006	-773	-571	-398	-256	-145	-65	-16	0
				C.C.9	726	563	420	295	192	109	49	13	0
				C.C.10	638	495	368	259	168	95	43	11	0
				C.C.11	221	176	135	97	65	38	17	5	0
				C.C.12	133	107	83	60	41	24	11	3	0
				C.C.13	-152	-122	-94	-68	-46	-27	-12	-3	0
				C.C.14	-240	-191	-146	-105	-70	-41	-19	-5	0
				C.C.15	-658	-510	-379	-267	-173	-98	-44	-11	0
				C.C.16	-745	-579	-431	-303	-197	-112	-51	-13	0
9	Fondazione	7, 14	185		(X=0)	(X=23)	(X=46)	(X=69)	(X=93)	(X=116)	(X=139)	(X=162)	(X=L)
				C.C.1	566	362	186	39	-80	-170	-232	-264	-267
				C.C.2	488	313	163	36	-66	-145	-200	-230	-237
				C.C.3	426	360	276	175	54	-87	-250	-437	-647
				C.C.4	348	311	253	172	68	-62	-218	-403	-617
				C.C.5	-652	-526	-380	-213	-23	192	433	704	1006
				C.C.6	-730	-575	-403	-216	-9	217	466	738	1035
				C.C.7	-792	-528	-290	-77	111	275	415	532	625
				C.C.8	-870	-577	-313	-80	125	300	447	566	655
				C.C.9	342	78	-105	-207	-224	-153	7	259	608
				C.C.10	187	-19	-152	-212	-196	-103	71	326	667
				C.C.11	-24	-188	-275	-282	-206	-45	206	550	989
				C.C.12	-179	-285	-322	-287	-179	6	270	617	1048
				C.C.13	-125	70	195	246	223	124	-55	-316	-660
				C.C.14	-280	-26	148	241	251	174	9	-249	-601
				C.C.15	-490	-196	25	171	240	232	145	-25	-279
				C.C.16	-645	-293	-22	166	268	283	208	42	-219
10	Fondazione	9, 8	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	9	36	81	144	226	327	448	587
				C.C.2	0	10	40	91	163	255	369	503	659
				C.C.3	0	13	52	117	208	325	467	636	831
				C.C.4	0	14	57	127	226	354	509	692	903
				C.C.5	0	-13	-53	-120	-214	-335	-482	-657	-858
				C.C.6	0	-12	-49	-110	-195	-306	-441	-601	-786
				C.C.7	0	-9	-37	-84	-151	-237	-342	-468	-615
				C.C.8	0	-8	-32	-74	-132	-208	-301	-413	-543
				C.C.9	0	-4	-17	-37	-65	-99	-140	-186	-238
				C.C.10	0	-2	-7	-16	-28	-42	-58	-76	-95
				C.C.11	0	-11	-44	-97	-172	-267	-382	-517	-672
				C.C.12	0	-9	-34	-76	-135	-210	-301	-407	-529
				C.C.13	0	9	37	83	147	229	327	442	573
				C.C.14	0	12	47	104	184	286	409	552	716
				C.C.15	0	3	11	23	40	60	84	111	140
				C.C.16	0	5	20	44	77	118	166	221	282
11	Fondazione	8, 11	186		(X=0)	(X=23)	(X=47)	(X=70)	(X=93)	(X=116)	(X=140)	(X=163)	(X=L)
				C.C.1	16	-24	-52	-67	-70	-61	-38	-1	49

				C.C.2	4	-28	-50	-60	-60	-49	-27	7	52
				C.C.3	63	59	49	33	10	-20	-57	-103	-156
				C.C.4	50	55	51	40	20	-8	-46	-94	-153
				C.C.5	-597	-472	-342	-206	-62	91	253	425	609
				C.C.6	-609	-477	-340	-198	-51	102	264	434	613
				C.C.7	-550	-390	-241	-105	19	132	233	324	404
				C.C.8	-563	-394	-239	-98	29	143	244	332	407
				C.C.9	-246	-275	-272	-236	-166	-61	81	262	483
				C.C.10	-271	-284	-268	-222	-146	-38	103	279	490
				C.C.11	-430	-410	-359	-278	-164	-16	168	390	651
				C.C.12	-455	-419	-355	-264	-143	7	190	407	658
				C.C.13	-92	1	64	98	102	75	16	-76	-202
				C.C.14	-116	-8	69	112	123	98	38	-59	-195
				C.C.15	-275	-134	-23	57	105	121	104	52	-33
				C.C.16	-300	-142	-18	71	125	144	125	69	-26
12	Fondazione	12, 11	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	0	4	17	39	70	110	158	217	284
				C.C.2	0	5	19	44	78	122	177	241	316
				C.C.3	0	6	24	54	96	150	216	294	384
				C.C.4	0	7	26	59	104	163	234	318	415
				C.C.5	0	-6	-25	-56	-99	-155	-223	-304	-396
				C.C.6	0	-6	-23	-51	-91	-142	-205	-279	-364
				C.C.7	0	-5	-18	-41	-73	-115	-166	-227	-297
				C.C.8	0	-4	-16	-36	-65	-102	-148	-202	-265
				C.C.9	0	-2	-6	-14	-24	-37	-51	-67	-85
				C.C.10	0	-1	-2	-5	-8	-11	-15	-19	-22
				C.C.11	0	-5	-19	-43	-75	-116	-166	-223	-289
				C.C.12	0	-4	-15	-33	-59	-91	-130	-175	-226
				C.C.13	0	4	16	36	64	98	140	190	245
				C.C.14	0	5	20	45	80	124	177	238	308
				C.C.15	0	1	4	8	13	19	26	33	41
				C.C.16	0	2	8	17	29	44	62	82	104
13	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-130	28	201	387	588	804	1034	1279	1540
				C.C.2	-59	82	238	408	595	797	1014	1247	1497
				C.C.3	-904	-755	-589	-406	-205	12	246	497	765
				C.C.4	-833	-702	-552	-385	-199	5	226	465	722
				C.C.5	1332	1253	1156	1042	910	761	595	412	211
				C.C.6	1404	1306	1193	1063	917	754	575	380	168
				C.C.7	558	469	366	249	116	-31	-193	-370	-563
				C.C.8	629	523	403	270	123	-38	-213	-402	-606
				C.C.9	1250	1345	1438	1531	1624	1716	1809	1903	1999
				C.C.10	1391	1451	1511	1573	1636	1702	1770	1840	1914
				C.C.11	1689	1712	1725	1727	1720	1703	1678	1643	1600
				C.C.12	1830	1818	1798	1769	1733	1689	1638	1580	1515
				C.C.13	-1331	-1267	-1194	-1112	-1022	-923	-817	-703	-582
				C.C.14	-1190	-1161	-1121	-1070	-1009	-937	-856	-766	-667
				C.C.15	-892	-900	-907	-916	-925	-936	-949	-963	-980
				C.C.16	-751	-794	-835	-874	-912	-950	-988	-1026	-1066
14	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1655	1537	1436	1350	1280	1226	1188	1167	1163
				C.C.2	1565	1451	1353	1272	1207	1159	1128	1113	1116
				C.C.3	882	925	986	1064	1158	1269	1397	1541	1702
				C.C.4	791	839	904	986	1086	1203	1336	1487	1655
				C.C.5	225	8	-226	-476	-744	-1028	-1330	-1648	-1982
				C.C.6	135	-78	-308	-554	-816	-1095	-1390	-1701	-2029
				C.C.7	-548	-604	-675	-762	-865	-985	-1121	-1273	-1443
				C.C.8	-638	-690	-757	-840	-938	-1052	-1181	-1327	-1490
				C.C.9	2101	1759	1419	1082	749	419	93	-228	-544
				C.C.10	1922	1587	1256	928	605	287	-27	-335	-637
				C.C.11	1672	1300	921	534	142	-258	-662	-1073	-1488
				C.C.12	1493	1128	757	380	-2	-390	-782	-1179	-1581
				C.C.13	-477	-281	-79	130	344	564	789	1019	1254
				C.C.14	-655	-453	-242	-25	200	432	669	912	1161
				C.C.15	-906	-740	-577	-418	-263	-112	34	175	310
				C.C.16	-1084	-911	-741	-572	-407	-245	-86	68	217
15	Fondazione	14, 13	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	395	303	223	155	100	56	25	6	0
				C.C.2	395	303	223	155	100	56	25	6	0
				C.C.3	363	278	204	142	91	51	23	6	0
				C.C.4	364	278	204	141	90	51	22	6	0
				C.C.5	-362	-277	-203	-141	-90	-51	-22	-6	0
				C.C.6	-362	-277	-204	-141	-90	-51	-23	-6	0

				C.C.7	-394	-302	-223	-155	-99	-56	-25	-6	0
				C.C.8	-393	-302	-223	-155	-100	-56	-25	-6	0
				C.C.9	166	129	96	68	44	25	11	3	0
				C.C.10	167	129	96	68	44	25	11	3	0
				C.C.11	-61	-45	-32	-21	-13	-7	-3	-1	0
				C.C.12	-60	-45	-32	-21	-13	-7	-3	-1	0
				C.C.13	62	46	32	22	13	7	3	1	0
				C.C.14	63	46	32	21	13	7	3	1	0
				C.C.15	-165	-128	-96	-67	-44	-25	-11	-3	0
				C.C.16	-164	-128	-96	-68	-44	-25	-11	-3	0
16	Piano 1	2	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-821	-197	427	1051	1675	-	-	-	-
				C.C.2	-839	-177	485	1148	1810	-	-	-	-
				C.C.3	-911	258	1427	2596	3765	-	-	-	-
				C.C.4	-929	278	1485	2693	3900	-	-	-	-
				C.C.5	677	-643	-1962	-3282	-4602	-	-	-	-
				C.C.6	659	-622	-1904	-3185	-4467	-	-	-	-
				C.C.7	587	-187	-962	-1737	-2512	-	-	-	-
				C.C.8	569	-167	-904	-1640	-2377	-	-	-	-
				C.C.9	-183	-894	-1605	-2316	-3027	-	-	-	-
				C.C.10	-219	-854	-1489	-2124	-2759	-	-	-	-
				C.C.11	267	-1027	-2322	-3616	-4910	-	-	-	-
				C.C.12	230	-988	-2206	-3424	-4642	-	-	-	-
				C.C.13	-482	623	1729	2834	3939	-	-	-	-
				C.C.14	-519	663	1845	3026	4208	-	-	-	-
				C.C.15	-33	490	1012	1534	2056	-	-	-	-
				C.C.16	-69	529	1128	1726	2325	-	-	-	-
17	Piano 1	3	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-1283	111	1506	2900	4295	-	-	-	-
				C.C.2	-1329	106	1540	2974	4408	-	-	-	-
				C.C.3	-1357	-83	1191	2466	3740	-	-	-	-
				C.C.4	-1403	-89	1225	2539	3853	-	-	-	-
				C.C.5	1113	-329	-1770	-3211	-4653	-	-	-	-
				C.C.6	1067	-334	-1736	-3138	-4540	-	-	-	-
				C.C.7	1039	-523	-2084	-3646	-5207	-	-	-	-
				C.C.8	993	-529	-2051	-3573	-5095	-	-	-	-
				C.C.9	-336	187	710	1232	1755	-	-	-	-
				C.C.10	-426	175	776	1378	1979	-	-	-	-
				C.C.11	383	55	-273	-601	-929	-	-	-	-
				C.C.12	293	43	-206	-456	-705	-	-	-	-
				C.C.13	-582	-460	-338	-216	-94	-	-	-	-
				C.C.14	-673	-472	-272	-71	129	-	-	-	-
				C.C.15	136	-592	-1321	-2050	-2779	-	-	-	-
				C.C.16	46	-604	-1254	-1905	-2555	-	-	-	-
18	Piano 1	6	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-1339	-424	492	1408	2324	-	-	-	-
				C.C.2	-1304	-430	444	1318	2191	-	-	-	-
				C.C.3	-1027	-256	516	1287	2059	-	-	-	-
				C.C.4	-992	-262	468	1197	1927	-	-	-	-
				C.C.5	117	-688	-1493	-2298	-3102	-	-	-	-
				C.C.6	152	-695	-1541	-2388	-3234	-	-	-	-
				C.C.7	429	-520	-1469	-2418	-3367	-	-	-	-
				C.C.8	464	-527	-1517	-2508	-3499	-	-	-	-
				C.C.9	-1212	-709	-207	296	798	-	-	-	-
				C.C.10	-1141	-722	-302	117	536	-	-	-	-
				C.C.11	-775	-789	-802	-816	-830	-	-	-	-
				C.C.12	-704	-801	-898	-995	-1091	-	-	-	-
				C.C.13	-171	-149	-128	-106	-84	-	-	-	-
				C.C.14	-100	-162	-223	-285	-346	-	-	-	-
				C.C.15	266	-229	-723	-1218	-1712	-	-	-	-
				C.C.16	337	-241	-819	-1396	-1974	-	-	-	-
19	Piano 1	8	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-459	-81	297	675	1053	-	-	-	-
				C.C.2	-317	57	431	805	1179	-	-	-	-
				C.C.3	-930	-719	-508	-297	-86	-	-	-	-
				C.C.4	-788	-581	-374	-167	40	-	-	-	-
				C.C.5	-846	-403	40	483	926	-	-	-	-
				C.C.6	-704	-265	174	613	1052	-	-	-	-
				C.C.7	-1317	-1041	-765	-489	-213	-	-	-	-
				C.C.8	-1175	-903	-631	-360	-88	-	-	-	-
				C.C.9	-114	484	1081	1679	2276	-	-	-	-
				C.C.10	167	756	1346	1935	2525	-	-	-	-
				C.C.11	-230	387	1004	1621	2238	-	-	-	-

				C.C.12	51	660	1269	1878	2487	-	-	-	-
				C.C.13	-1685	-1644	-1603	-1562	-1521	-	-	-	-
				C.C.14	-1404	-1371	-1338	-1305	-1272	-	-	-	-
				C.C.15	-1801	-1740	-1680	-1620	-1559	-	-	-	-
				C.C.16	-1520	-1468	-1415	-1363	-1311	-	-	-	-
20	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-18	-14	-10	-7	-3	1	5	8	12
				C.C.2	-18	-14	-10	-7	-3	1	5	8	12
				C.C.3	-18	-14	-10	-7	-3	1	5	8	12
				C.C.4	-18	-14	-10	-7	-3	1	5	8	12
				C.C.5	-18	-14	-10	-7	-3	1	5	8	12
				C.C.6	-18	-14	-10	-7	-3	1	5	8	12
				C.C.7	-18	-14	-10	-7	-3	1	5	8	12
				C.C.8	-18	-14	-10	-7	-3	1	5	8	12
				C.C.9	-18	-14	-10	-7	-3	1	5	8	12
				C.C.10	-18	-14	-10	-7	-3	1	5	8	12
				C.C.11	-18	-14	-10	-7	-3	1	5	8	12
				C.C.12	-18	-14	-10	-7	-3	1	5	8	12
				C.C.13	-18	-14	-10	-7	-3	1	5	8	12
				C.C.14	-18	-14	-10	-7	-3	1	5	8	12
				C.C.15	-18	-14	-10	-7	-3	1	5	8	12
				C.C.16	-18	-14	-10	-7	-3	1	5	8	12
21	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.2	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.3	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.4	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.5	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.6	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.7	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.8	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.9	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.10	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.11	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.12	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.13	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.14	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.15	-28	-34	-41	-47	-54	-60	-67	-73	-79
				C.C.16	-28	-34	-41	-47	-54	-60	-67	-73	-79
22	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-125	-87	-48	-10	29	67	106	144	183
				C.C.2	-125	-87	-48	-10	29	67	106	144	183
				C.C.3	-125	-87	-48	-10	29	67	106	144	183
				C.C.4	-125	-87	-48	-10	29	67	106	144	183
				C.C.5	-125	-87	-48	-10	29	67	106	144	183
				C.C.6	-125	-87	-48	-10	29	67	106	144	183
				C.C.7	-125	-87	-48	-10	29	67	106	144	183
				C.C.8	-125	-87	-48	-10	29	67	106	144	183
				C.C.9	-125	-87	-48	-10	29	67	106	144	183
				C.C.10	-125	-87	-48	-10	29	67	106	144	183
				C.C.11	-125	-87	-48	-10	29	67	106	144	183
				C.C.12	-125	-87	-48	-10	29	67	106	144	183
				C.C.13	-125	-87	-48	-10	29	67	106	144	183
				C.C.14	-125	-87	-48	-10	29	67	106	144	183
				C.C.15	-125	-87	-48	-10	29	67	106	144	183
				C.C.16	-125	-87	-48	-10	29	67	106	144	183
23	Piano 2	21, 2	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-9	-4	0	5	9	13	18	22	27
				C.C.2	-9	-4	0	5	9	13	18	22	27
				C.C.3	-9	-4	0	5	9	13	18	22	27
				C.C.4	-9	-4	0	5	9	13	18	22	27
				C.C.5	-9	-4	0	5	9	13	18	22	27
				C.C.6	-9	-4	0	5	9	13	18	22	27
				C.C.7	-9	-4	0	5	9	13	18	22	27
				C.C.8	-9	-4	0	5	9	13	18	22	27
				C.C.9	-9	-4	0	5	9	13	18	22	27
				C.C.10	-9	-4	0	5	9	13	18	22	27
				C.C.11	-9	-4	0	5	9	13	18	22	27
				C.C.12	-9	-4	0	5	9	13	18	22	27
				C.C.13	-9	-4	0	5	9	13	18	22	27
				C.C.14	-9	-4	0	5	9	13	18	22	27
				C.C.15	-9	-4	0	5	9	13	18	22	27
				C.C.16	-9	-4	0	5	9	13	18	22	27

24	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	10	19	29	39	49	59	69	78	88
				C.C.2	10	19	29	39	49	59	69	78	88
				C.C.3	10	19	29	39	49	59	69	78	88
				C.C.4	10	19	29	39	49	59	69	78	88
				C.C.5	10	19	29	39	49	59	69	78	88
				C.C.6	10	19	29	39	49	59	69	78	88
				C.C.7	10	19	29	39	49	59	69	78	88
				C.C.8	10	19	29	39	49	59	69	78	88
				C.C.9	10	19	29	39	49	59	69	78	88
				C.C.10	10	19	29	39	49	59	69	78	88
				C.C.11	10	19	29	39	49	59	69	78	88
				C.C.12	10	19	29	39	49	59	69	78	88
				C.C.13	10	19	29	39	49	59	69	78	88
				C.C.14	10	19	29	39	49	59	69	78	88
				C.C.15	10	19	29	39	49	59	69	78	88
				C.C.16	10	19	29	39	49	59	69	78	88
25	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	42	36	30	24	18	12	7	1	-5
				C.C.2	42	36	30	24	18	12	7	1	-5
				C.C.3	42	36	30	24	18	12	7	1	-5
				C.C.4	42	36	30	24	18	12	7	1	-5
				C.C.5	42	36	30	24	18	12	7	1	-5
				C.C.6	42	36	30	24	18	12	7	1	-5
				C.C.7	42	36	30	24	18	12	7	1	-5
				C.C.8	42	36	30	24	18	12	7	1	-5
				C.C.9	42	36	30	24	18	12	7	1	-5
				C.C.10	42	36	30	24	18	12	7	1	-5
				C.C.11	42	36	30	24	18	12	7	1	-5
				C.C.12	42	36	30	24	18	12	7	1	-5
				C.C.13	42	36	30	24	18	12	7	1	-5
				C.C.14	42	36	30	24	18	12	7	1	-5
				C.C.15	42	36	30	24	18	12	7	1	-5
				C.C.16	42	36	30	24	18	12	7	1	-5
26	Piano 2	3, 20	20		(X=0)	(X=3)	(X=5)	(X=8)	(X=10)	(X=13)	(X=15)	(X=18)	(X=L)
				C.C.1	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.2	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.3	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.4	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.5	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.6	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.7	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.8	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.9	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.10	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.11	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.12	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.13	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.14	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.15	-68	-58	-49	-39	-29	-19	-9	1	11
				C.C.16	-68	-58	-49	-39	-29	-19	-9	1	11
27	Piano 2	2	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	948	506	63	-379	-821	-	-	-	-
				C.C.2	966	514	63	-388	-839	-	-	-	-
				C.C.3	878	431	-16	-464	-911	-	-	-	-
				C.C.4	896	440	-16	-473	-929	-	-	-	-
				C.C.5	821	785	749	713	677	-	-	-	-
				C.C.6	839	794	749	704	659	-	-	-	-
				C.C.7	752	711	669	628	587	-	-	-	-
				C.C.8	769	719	669	619	569	-	-	-	-
				C.C.9	976	686	396	107	-183	-	-	-	-
				C.C.10	1011	703	396	88	-219	-	-	-	-
				C.C.11	937	770	602	434	267	-	-	-	-
				C.C.12	973	787	602	416	230	-	-	-	-
				C.C.13	744	438	131	-176	-482	-	-	-	-
				C.C.14	780	455	130	-194	-519	-	-	-	-
				C.C.15	706	521	337	152	-33	-	-	-	-
				C.C.16	742	539	336	134	-69	-	-	-	-
28	Piano 2	3	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	1189	571	-47	-665	-1283	-	-	-	-
				C.C.2	1202	569	-63	-696	-1329	-	-	-	-
				C.C.3	1297	634	-30	-693	-1357	-	-	-	-
				C.C.4	1310	632	-46	-724	-1403	-	-	-	-

				C.C.5	630	750	871	992	1113	-	-	-	-
				C.C.6	642	748	855	961	1067	-	-	-	-
				C.C.7	738	813	888	964	1039	-	-	-	-
				C.C.8	750	811	872	933	993	-	-	-	-
				C.C.9	861	562	263	-37	-336	-	-	-	-
				C.C.10	886	558	230	-98	-426	-	-	-	-
				C.C.11	693	616	538	461	383	-	-	-	-
				C.C.12	718	612	506	399	293	-	-	-	-
				C.C.13	1221	770	319	-131	-582	-	-	-	-
				C.C.14	1246	767	287	-193	-673	-	-	-	-
				C.C.15	1053	824	595	366	136	-	-	-	-
				C.C.16	1078	820	562	304	46	-	-	-	-
29	Piano 2	6	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	731	213	-304	-822	-1339	-	-	-	-
				C.C.2	673	179	-316	-810	-1304	-	-	-	-
				C.C.3	149	-145	-439	-733	-1027	-	-	-	-
				C.C.4	90	-180	-451	-721	-992	-	-	-	-
				C.C.5	349	291	233	175	117	-	-	-	-
				C.C.6	290	256	221	187	152	-	-	-	-
				C.C.7	-234	-68	98	263	429	-	-	-	-
				C.C.8	-292	-103	86	275	464	-	-	-	-
				C.C.9	1305	676	47	-582	-1212	-	-	-	-
				C.C.10	1190	607	24	-558	-1141	-	-	-	-
				C.C.11	1191	699	208	-283	-775	-	-	-	-
				C.C.12	1075	630	185	-259	-704	-	-	-	-
				C.C.13	-636	-520	-403	-287	-171	-	-	-	-
				C.C.14	-752	-589	-426	-263	-100	-	-	-	-
				C.C.15	-751	-496	-242	12	266	-	-	-	-
				C.C.16	-866	-566	-265	36	337	-	-	-	-
30	Piano 2	8	68		(X=0)	(X=17)	(X=34)	(X=51)	(X=L)	-	-	-	-
				C.C.1	-1294	-1285	-1276	-1268	-1259	-	-	-	-
				C.C.2	-1422	-1313	-1204	-1095	-986	-	-	-	-
				C.C.3	31	-564	-1158	-1753	-2347	-	-	-	-
				C.C.4	-97	-591	-1086	-1580	-2074	-	-	-	-
				C.C.5	-287	43	372	701	1030	-	-	-	-
				C.C.6	-415	15	444	873	1303	-	-	-	-
				C.C.7	1038	764	490	216	-58	-	-	-	-
				C.C.8	910	736	562	389	215	-	-	-	-
				C.C.9	-2424	-1649	-873	-98	677	-	-	-	-
				C.C.10	-2677	-1704	-730	244	1218	-	-	-	-
				C.C.11	-2122	-1250	-379	493	1364	-	-	-	-
				C.C.12	-2375	-1305	-235	835	1905	-	-	-	-
				C.C.13	1992	756	-479	-1714	-2949	-	-	-	-
				C.C.14	1738	701	-335	-1372	-2408	-	-	-	-
				C.C.15	2294	1155	16	-1123	-2262	-	-	-	-
				C.C.16	2040	1100	159	-781	-1722	-	-	-	-
31	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	114	96	77	59	40	22	4	-15	-33
				C.C.2	114	96	77	59	40	22	4	-15	-33
				C.C.3	114	96	77	59	40	22	4	-15	-33
				C.C.4	114	96	77	59	40	22	4	-15	-33
				C.C.5	114	96	77	59	40	22	4	-15	-33
				C.C.6	114	96	77	59	40	22	4	-15	-33
				C.C.7	114	96	77	59	40	22	4	-15	-33
				C.C.8	114	96	77	59	40	22	4	-15	-33
				C.C.9	114	96	77	59	40	22	4	-15	-33
				C.C.10	114	96	77	59	40	22	4	-15	-33
				C.C.11	114	96	77	59	40	22	4	-15	-33
				C.C.12	114	96	77	59	40	22	4	-15	-33
				C.C.13	114	96	77	59	40	22	4	-15	-33
				C.C.14	114	96	77	59	40	22	4	-15	-33
				C.C.15	114	96	77	59	40	22	4	-15	-33
				C.C.16	114	96	77	59	40	22	4	-15	-33
32	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.2	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.3	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.4	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.5	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.6	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.7	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.8	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.9	-32	-27	-21	-16	-10	-5	1	6	12

				C.C.10	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.11	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.12	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.13	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.14	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.15	-32	-27	-21	-16	-10	-5	1	6	12
				C.C.16	-32	-27	-21	-16	-10	-5	1	6	12
33	Piano 3	5, 8	43		(X=0)	(X=5)	(X=11)	(X=16)	(X=21)	(X=27)	(X=32)	(X=37)	(X=L)
				C.C.1	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.2	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.3	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.4	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.5	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.6	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.7	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.8	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.9	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.10	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.11	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.12	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.13	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.14	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.15	13	3	-6	-15	-24	-34	-43	-52	-61
				C.C.16	13	3	-6	-15	-24	-34	-43	-52	-61
34	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	28	21	15	8	2	-5	-11	-18	-24
				C.C.2	28	21	15	8	2	-5	-11	-18	-24
				C.C.3	28	21	15	8	2	-5	-11	-18	-24
				C.C.4	28	21	15	8	2	-5	-11	-18	-24
				C.C.5	28	21	15	8	2	-5	-11	-18	-24
				C.C.6	28	21	15	8	2	-5	-11	-18	-24
				C.C.7	28	21	15	8	2	-5	-11	-18	-24
				C.C.8	28	21	15	8	2	-5	-11	-18	-24
				C.C.9	28	21	15	8	2	-5	-11	-18	-24
				C.C.10	28	21	15	8	2	-5	-11	-18	-24
				C.C.11	28	21	15	8	2	-5	-11	-18	-24
				C.C.12	28	21	15	8	2	-5	-11	-18	-24
				C.C.13	28	21	15	8	2	-5	-11	-18	-24
				C.C.14	28	21	15	8	2	-5	-11	-18	-24
				C.C.15	28	21	15	8	2	-5	-11	-18	-24
				C.C.16	28	21	15	8	2	-5	-11	-18	-24
35	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.2	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.3	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.4	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.5	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.6	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.7	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.8	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.9	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.10	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.11	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.12	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.13	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.14	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.15	16	-6	-28	-50	-72	-94	-116	-138	-160
				C.C.16	16	-6	-28	-50	-72	-94	-116	-138	-160
36	Piano 3	6, 7	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-114	-82	-49	-17	15	48	80	112	145
				C.C.2	-114	-82	-49	-17	15	48	80	112	145
				C.C.3	-114	-82	-49	-17	15	48	80	112	145
				C.C.4	-114	-82	-49	-17	15	48	80	112	145
				C.C.5	-114	-82	-49	-17	15	48	80	112	145
				C.C.6	-114	-82	-49	-17	15	48	80	112	145
				C.C.7	-114	-82	-49	-17	15	48	80	112	145
				C.C.8	-114	-82	-49	-17	15	48	80	112	145
				C.C.9	-114	-82	-49	-17	15	48	80	112	145
				C.C.10	-114	-82	-49	-17	15	48	80	112	145
				C.C.11	-114	-82	-49	-17	15	48	80	112	145
				C.C.12	-114	-82	-49	-17	15	48	80	112	145
				C.C.13	-114	-82	-49	-17	15	48	80	112	145
				C.C.14	-114	-82	-49	-17	15	48	80	112	145

				C.C.15	-114	-82	-49	-17	15	48	80	112	145
				C.C.16	-114	-82	-49	-17	15	48	80	112	145
37	Piano 3	24, 6	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-12	-2	8	18	28	38	48	58	68
				C.C.2	-12	-2	8	18	28	38	48	58	68
				C.C.3	-12	-2	8	18	28	38	48	58	68
				C.C.4	-12	-2	8	18	28	38	48	58	68
				C.C.5	-12	-2	8	18	28	38	48	58	68
				C.C.6	-12	-2	8	18	28	38	48	58	68
				C.C.7	-12	-2	8	18	28	38	48	58	68
				C.C.8	-12	-2	8	18	28	38	48	58	68
				C.C.9	-12	-2	8	18	28	38	48	58	68
				C.C.10	-12	-2	8	18	28	38	48	58	68
				C.C.11	-12	-2	8	18	28	38	48	58	68
				C.C.12	-12	-2	8	18	28	38	48	58	68
				C.C.13	-12	-2	8	18	28	38	48	58	68
				C.C.14	-12	-2	8	18	28	38	48	58	68
				C.C.15	-12	-2	8	18	28	38	48	58	68
				C.C.16	-12	-2	8	18	28	38	48	58	68
38	Piano 3	8, 25	36		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=27)	(X=31)	(X=L)
				C.C.1	29	26	22	19	16	13	10	7	3
				C.C.2	29	26	22	19	16	13	10	7	3
				C.C.3	29	26	22	19	16	13	10	7	3
				C.C.4	29	26	22	19	16	13	10	7	3
				C.C.5	29	26	22	19	16	13	10	7	3
				C.C.6	29	26	22	19	16	13	10	7	3
				C.C.7	29	26	22	19	16	13	10	7	3
				C.C.8	29	26	22	19	16	13	10	7	3
				C.C.9	29	26	22	19	16	13	10	7	3
				C.C.10	29	26	22	19	16	13	10	7	3
				C.C.11	29	26	22	19	16	13	10	7	3
				C.C.12	29	26	22	19	16	13	10	7	3
				C.C.13	29	26	22	19	16	13	10	7	3
				C.C.14	29	26	22	19	16	13	10	7	3
				C.C.15	29	26	22	19	16	13	10	7	3
				C.C.16	29	26	22	19	16	13	10	7	3
39	Piano 3	8, 25	37		(X=0)	(X=5)	(X=9)	(X=14)	(X=18)	(X=23)	(X=28)	(X=32)	(X=L)
				C.C.1	4	3	3	2	1	1	0	-1	-1
				C.C.2	4	3	3	2	1	1	0	-1	-1
				C.C.3	4	3	3	2	1	1	0	-1	-1
				C.C.4	4	3	3	2	1	1	0	-1	-1
				C.C.5	4	3	3	2	1	1	0	-1	-1
				C.C.6	4	3	3	2	1	1	0	-1	-1
				C.C.7	4	3	3	2	1	1	0	-1	-1
				C.C.8	4	3	3	2	1	1	0	-1	-1
				C.C.9	4	3	3	2	1	1	0	-1	-1
				C.C.10	4	3	3	2	1	1	0	-1	-1
				C.C.11	4	3	3	2	1	1	0	-1	-1
				C.C.12	4	3	3	2	1	1	0	-1	-1
				C.C.13	4	3	3	2	1	1	0	-1	-1
				C.C.14	4	3	3	2	1	1	0	-1	-1
				C.C.15	4	3	3	2	1	1	0	-1	-1
				C.C.16	4	3	3	2	1	1	0	-1	-1
40	Piano 3	8, 25	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.2	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.3	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.4	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.5	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.6	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.7	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.8	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.9	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.10	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.11	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.12	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.13	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.14	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.15	-1	-1	-1	-1	-1	-1	-1	-1	-1
				C.C.16	-1	-1	-1	-1	-1	-1	-1	-1	-1
41	Piano 3	6	238		(X=0)	(X=60)	(X=119)	(X=179)	(X=L)	-	-	-	-
				C.C.1	373	463	552	642	731	-	-	-	-
				C.C.2	455	509	564	618	673	-	-	-	-

				C.C.3	936	739	542	345	149	-	-	-	-
				C.C.4	1017	785	554	322	90	-	-	-	-
				C.C.5	444	421	397	373	349	-	-	-	-
				C.C.6	526	467	408	349	290	-	-	-	-
				C.C.7	1007	697	387	76	-234	-	-	-	-
				C.C.8	1088	743	398	53	-292	-	-	-	-
				C.C.9	-298	103	504	905	1305	-	-	-	-
				C.C.10	-137	195	527	858	1190	-	-	-	-
				C.C.11	-276	90	457	824	1191	-	-	-	-
				C.C.12	-115	182	480	777	1075	-	-	-	-
				C.C.13	1577	1024	470	-83	-636	-	-	-	-
				C.C.14	1738	1115	493	-129	-752	-	-	-	-
				C.C.15	1598	1011	424	-163	-751	-	-	-	-
				C.C.16	1759	1103	446	-210	-866	-	-	-	-
42	Piano 3	8	476		(X=0)	(X=119)	(X=238)	(X=357)	(X=L)	-	-	-	-
				C.C.1	3440	2071	702	-667	-2036	-	-	-	-
				C.C.2	3164	1940	717	-506	-1730	-	-	-	-
				C.C.3	1350	1198	1045	892	739	-	-	-	-
				C.C.4	1074	1067	1059	1052	1045	-	-	-	-
				C.C.5	2755	1753	752	-250	-1252	-	-	-	-
				C.C.6	2479	1623	766	-90	-946	-	-	-	-
				C.C.7	666	880	1094	1308	1523	-	-	-	-
				C.C.8	389	749	1109	1469	1829	-	-	-	-
				C.C.9	5774	3043	313	-2418	-5148	-	-	-	-
				C.C.10	5226	2784	342	-2100	-4542	-	-	-	-
				C.C.11	5569	2948	328	-2293	-4913	-	-	-	-
				C.C.12	5021	2689	357	-1975	-4307	-	-	-	-
				C.C.13	-1191	131	1454	2777	4100	-	-	-	-
				C.C.14	-1739	-128	1483	3095	4706	-	-	-	-
				C.C.15	-1397	36	1469	2902	4335	-	-	-	-
				C.C.16	-1945	-223	1498	3220	4941	-	-	-	-

4.2.7 Taglio X-Y.

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

La terminologia utilizzata è la seguente :

- Asta : numerazione interna al calcolo dell'asta.
 Imp. : livello di appartenenza dell'asta.
 Fili : Fili Fissi delimitanti l'asta.
 L : Lunghezza dell'asta nel modello di calcolo.
 Comb : Combinazione di Carico.
 Txyi : Valore del Taglio X-Y nella i-esima sezione.
 X : distanza dal nodo iniziale della sezione i-esima misurata lungo l'asse dell'asta.

Tabella 8.I

Taglio (Txy) [daN]													
Asta	Imp.	Fili	L [cm]	Comb.	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉
1	Fondazione	1, 2	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	35	67	94	117	136	152	163	170
				C.C.2	0	5	7	6	2	-5	-15	-28	-44
				C.C.3	0	114	227	339	452	563	675	786	896
				C.C.4	0	83	167	252	337	422	508	595	682
				C.C.5	0	-86	-172	-259	-346	-434	-522	-610	-699
				C.C.6	0	-116	-232	-347	-461	-575	-688	-801	-913
				C.C.7	0	-8	-12	-14	-12	-7	1	13	27
				C.C.8	0	-38	-72	-101	-127	-148	-165	-178	-187
				C.C.9	0	-84	-174	-273	-379	-492	-613	-741	-876
				C.C.10	0	-143	-292	-447	-606	-772	-942	-1118	-1300
				C.C.11	0	-120	-246	-379	-518	-663	-815	-972	-1137
				C.C.12	0	-180	-364	-552	-745	-943	-1144	-1350	-1560
				C.C.13	0	177	359	545	736	931	1131	1335	1544
				C.C.14	0	117	241	371	508	651	801	957	1120
				C.C.15	0	141	287	439	597	760	929	1103	1283
				C.C.16	0	81	169	266	369	480	599	726	859
2	Fondazione	2, 3	220		(X=0)	(X=28)	(X=55)	(X=83)	(X=110)	(X=138)	(X=165)	(X=193)	(X=L)
				C.C.1	-239	-144	-53	33	117	197	276	352	425

				C.C.2	-255	-162	-73	14	98	180	262	341	419
				C.C.3	-200	-121	-41	39	120	203	287	374	462
				C.C.4	-216	-139	-61	19	101	186	273	363	456
				C.C.5	200	117	34	-51	-137	-226	-318	-413	-509
				C.C.6	183	99	14	-70	-156	-243	-332	-423	-515
				C.C.7	238	140	46	-45	-134	-221	-306	-391	-472
				C.C.8	222	122	27	-65	-153	-238	-321	-401	-478
				C.C.9	-122	-71	-28	7	33	51	62	64	58
				C.C.10	-154	-107	-66	-32	-4	18	33	43	46
				C.C.11	9	8	-1	-18	-43	-76	-117	-166	-222
				C.C.12	-23	-29	-40	-57	-80	-109	-145	-187	-234
				C.C.13	6	7	13	26	44	69	100	137	181
				C.C.14	-26	-29	-25	-13	7	35	72	116	169
				C.C.15	138	85	40	1	-32	-58	-78	-92	-100
				C.C.16	106	49	1	-38	-69	-92	-107	-113	-111
3	Fondazione	2, 6	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	447	408	249	-33	-441	-980	-1650	-2451	-3370
				C.C.2	596	475	263	-41	-443	-944	-1549	-2253	-3048
				C.C.3	-1635	-1170	-715	-265	191	663	1161	1692	2258
				C.C.4	-1485	-1103	-701	-273	190	699	1263	1890	2580
				C.C.5	1455	1066	665	246	-201	-685	-1215	-1797	-2433
				C.C.6	1605	1133	680	237	-202	-649	-1113	-1599	-2110
				C.C.7	-626	-511	-299	14	432	959	1597	2346	3195
				C.C.8	-477	-444	-285	5	430	994	1699	2543	3518
				C.C.9	3155	2446	1512	339	-1094	-2811	-4828	-7152	-9766
				C.C.10	3451	2578	1540	322	-1097	-2741	-4626	-6760	-9127
				C.C.11	3457	2643	1637	423	-1022	-2722	-4697	-6956	-9485
				C.C.12	3754	2776	1665	406	-1025	-2652	-4496	-6564	-8846
				C.C.13	-3783	-2812	-1701	-434	1014	2666	4544	6657	8993
				C.C.14	-3487	-2680	-1673	-451	1011	2736	4746	7049	9632
				C.C.15	-3481	-2615	-1576	-350	1086	2755	4675	6853	9275
				C.C.16	-3184	-2482	-1548	-367	1083	2825	4877	7245	9914
4	Fondazione	4, 3	65		(X=0)	(X=8)	(X=16)	(X=24)	(X=33)	(X=41)	(X=49)	(X=57)	(X=L)
				C.C.1	0	35	66	94	117	137	153	166	175
				C.C.2	0	4	6	5	1	-6	-15	-27	-42
				C.C.3	0	111	221	332	442	551	660	769	878
				C.C.4	0	80	161	243	325	408	492	576	661
				C.C.5	0	-83	-167	-252	-336	-422	-508	-594	-681
				C.C.6	0	-114	-227	-340	-453	-565	-676	-787	-897
				C.C.7	0	-7	-12	-14	-12	-8	-1	9	23
				C.C.8	0	-38	-72	-102	-129	-151	-169	-184	-194
				C.C.9	0	-80	-167	-261	-363	-471	-587	-709	-839
				C.C.10	0	-141	-286	-437	-593	-754	-920	-1092	-1268
				C.C.11	0	-116	-237	-365	-499	-639	-785	-937	-1095
				C.C.12	0	-176	-356	-541	-729	-922	-1119	-1320	-1525
				C.C.13	0	173	350	532	718	908	1103	1302	1505
				C.C.14	0	112	231	356	488	625	769	919	1076
				C.C.15	0	138	280	429	582	741	905	1074	1249
				C.C.16	0	77	161	253	351	458	571	691	819
5	Fondazione	3, 5	450		(X=0)	(X=56)	(X=113)	(X=169)	(X=225)	(X=281)	(X=338)	(X=394)	(X=L)
				C.C.1	172	154	75	-70	-283	-568	-926	-1356	-1853
				C.C.2	256	191	81	-78	-288	-554	-875	-1252	-1681
				C.C.3	-1030	-773	-518	-264	-7	261	544	848	1174
				C.C.4	-946	-736	-512	-272	-12	275	595	951	1346
				C.C.5	963	746	525	297	58	-199	-479	-787	-1128
				C.C.6	1048	783	531	289	53	-184	-428	-684	-956
				C.C.7	-238	-180	-68	103	334	630	991	1416	1899
				C.C.8	-154	-143	-62	95	329	644	1042	1519	2072
				C.C.9	1809	1425	921	289	-484	-1413	-2509	-3778	-5215
				C.C.10	1976	1498	933	274	-494	-1384	-2409	-3574	-4874
				C.C.11	2047	1602	1056	399	-382	-1302	-2375	-3608	-4998
				C.C.12	2214	1675	1068	384	-392	-1274	-2275	-3403	-4657
				C.C.13	-2196	-1665	-1055	-359	438	1350	2391	3567	4875
				C.C.14	-2029	-1592	-1043	-374	428	1379	2491	3771	5216
				C.C.15	-1959	-1487	-920	-249	540	1461	2525	3737	5093
				C.C.16	-1791	-1414	-908	-264	530	1489	2625	3942	5434
6	Fondazione	5, 7	100		(X=0)	(X=13)	(X=25)	(X=38)	(X=50)	(X=63)	(X=75)	(X=88)	(X=L)
				C.C.1	4299	4018	3729	3435	3133	2826	2513	2194	1869
				C.C.2	4105	3804	3498	3187	2871	2552	2228	1900	1568
				C.C.3	2148	1805	1464	1125	789	455	123	-206	-534
				C.C.4	1954	1591	1232	877	527	181	-161	-500	-834
				C.C.5	-3841	-3473	-3109	-2750	-2395	-2043	-1696	-1353	-1014
				C.C.6	-4035	-3687	-3341	-2998	-2657	-2318	-1981	-1647	-1315

				C.C.7	-5992	-5686	-5375	-5059	-4739	-4414	-4086	-3753	-3417
				C.C.8	-6186	-5900	-5607	-5307	-5001	-4689	-4371	-4047	-3718
				C.C.9	4054	4083	4093	4086	4062	4022	3967	3896	3811
				C.C.10	3670	3659	3634	3595	3543	3479	3402	3314	3215
				C.C.11	1612	1835	2041	2231	2404	2561	2704	2832	2946
				C.C.12	1228	1412	1582	1740	1885	2018	2140	2250	2350
				C.C.13	-3115	-3294	-3459	-3612	-3752	-3881	-3998	-4103	-4199
				C.C.14	-3499	-3718	-3919	-4103	-4271	-4424	-4562	-4685	-4794
				C.C.15	-5557	-5541	-5511	-5467	-5411	-5342	-5260	-5168	-5064
				C.C.16	-5941	-5965	-5970	-5958	-5930	-5885	-5825	-5749	-5659
7	Fondazione	7, 6	120		(X=0)	(X=15)	(X=30)	(X=45)	(X=60)	(X=75)	(X=90)	(X=105)	(X=L)
				C.C.1	5676	5283	4883	4475	4060	3635	3203	2761	2309
				C.C.2	5298	4900	4497	4088	3673	3253	2827	2394	1955
				C.C.3	-1500	-1886	-2270	-2651	-3029	-3406	-3780	-4152	-4521
				C.C.4	-1877	-2269	-2656	-3038	-3416	-3788	-4155	-4518	-4875
				C.C.5	2743	3140	3533	3921	4304	4683	5058	5428	5794
				C.C.6	2366	2757	3146	3533	3918	4301	4682	5062	5439
				C.C.7	-4433	-4029	-3620	-3205	-2785	-2358	-1925	-1484	-1036
				C.C.8	-4810	-4412	-4007	-3593	-3171	-2740	-2300	-1851	-1391
				C.C.9	13206	13086	12945	12785	12605	12404	12182	11938	11671
				C.C.10	12458	12326	12179	12017	11840	11647	11438	11213	10969
				C.C.11	12326	12443	12540	12619	12678	12719	12739	12739	12716
				C.C.12	11579	11683	11774	11851	11913	11961	11995	12013	12014
				C.C.13	-10713	-10812	-10898	-10968	-11025	-11066	-11093	-11103	-11095
				C.C.14	-11460	-11572	-11664	-11737	-11790	-11824	-11837	-11828	-11798
				C.C.15	-11593	-11455	-11303	-11135	-10951	-10752	-10536	-10303	-10050
				C.C.16	-12340	-12215	-12069	-11903	-11717	-11509	-11280	-11028	-10752
8	Fondazione	6, 10	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	2675	2355	2031	1703	1371	1035	694	349	0
				C.C.2	2565	2255	1942	1626	1307	985	660	331	0
				C.C.3	2007	1752	1498	1245	994	743	494	247	0
				C.C.4	1897	1652	1409	1168	930	694	460	229	0
				C.C.5	-1949	-1698	-1449	-1202	-957	-715	-474	-236	0
				C.C.6	-2058	-1798	-1538	-1279	-1022	-765	-509	-254	0
				C.C.7	-2616	-2301	-1982	-1660	-1335	-1006	-674	-339	0
				C.C.8	-2726	-2401	-2072	-1737	-1399	-1056	-708	-356	0
				C.C.9	1890	1690	1480	1259	1028	787	535	273	0
				C.C.10	1672	1491	1303	1106	901	688	467	237	0
				C.C.11	503	474	436	387	329	262	184	97	0
				C.C.12	285	275	259	234	202	163	116	62	0
				C.C.13	-336	-321	-299	-268	-230	-184	-131	-69	0
				C.C.14	-554	-520	-476	-421	-357	-283	-199	-104	0
				C.C.15	-1723	-1537	-1343	-1140	-929	-709	-481	-245	0
				C.C.16	-1941	-1736	-1520	-1293	-1056	-808	-549	-280	0
9	Fondazione	7, 14	185		(X=0)	(X=23)	(X=46)	(X=69)	(X=93)	(X=116)	(X=139)	(X=162)	(X=L)
				C.C.1	943	822	700	576	452	328	203	76	-54
				C.C.2	807	704	599	495	392	288	185	81	-25
				C.C.3	252	324	400	480	566	657	755	857	963
				C.C.4	116	206	300	399	505	617	737	862	992
				C.C.5	-504	-587	-675	-770	-874	-986	-1107	-1236	-1370
				C.C.6	-641	-706	-775	-851	-934	-1026	-1125	-1231	-1341
				C.C.7	-1196	-1085	-975	-866	-760	-657	-556	-455	-352
				C.C.8	-1332	-1204	-1075	-947	-821	-697	-574	-450	-323
				C.C.9	1309	968	617	257	-114	-496	-890	-1297	-1716
				C.C.10	1040	733	419	97	-234	-575	-926	-1287	-1658
				C.C.11	875	545	205	-147	-512	-890	-1283	-1691	-2110
				C.C.12	605	310	7	-307	-632	-969	-1319	-1681	-2053
				C.C.13	-994	-692	-382	-64	263	600	948	1307	1676
				C.C.14	-1264	-927	-580	-224	143	522	913	1317	1733
				C.C.15	-1428	-1114	-794	-467	-134	206	555	913	1281
				C.C.16	-1698	-1350	-993	-628	-255	127	519	923	1338
10	Fondazione	9, 8	73		(X=0)	(X=9)	(X=18)	(X=27)	(X=36)	(X=45)	(X=54)	(X=63)	(X=L)
				C.C.1	0	-197	-396	-598	-803	-1011	-1221	-1434	-1649
				C.C.2	0	-223	-448	-675	-904	-1135	-1368	-1603	-1840
				C.C.3	0	-287	-573	-860	-1146	-1432	-1718	-2005	-2290
				C.C.4	0	-313	-625	-937	-1247	-1557	-1866	-2174	-2481
				C.C.5	0	295	591	886	1183	1479	1776	2074	2372
				C.C.6	0	269	539	810	1082	1355	1629	1905	2181
				C.C.7	0	205	414	625	840	1058	1279	1503	1730
				C.C.8	0	179	362	548	739	933	1131	1334	1540
				C.C.9	0	93	181	264	342	414	481	543	600
				C.C.10	0	41	78	112	141	167	189	208	222
				C.C.11	0	241	477	709	937	1161	1380	1595	1806

				C.C.12	0	188	374	557	737	914	1088	1260	1429
				C.C.13	0	-206	-409	-607	-801	-992	-1178	-1360	-1538
				C.C.14	0	-259	-512	-759	-1002	-1238	-1470	-1695	-1916
				C.C.15	0	-59	-113	-162	-206	-245	-279	-308	-332
				C.C.16	0	-111	-216	-314	-406	-491	-571	-643	-709
11	Fondazione	8, 11	186		(X=0)	(X=23)	(X=47)	(X=70)	(X=93)	(X=116)	(X=140)	(X=163)	(X=L)
				C.C.1	199	147	94	40	-14	-70	-127	-186	-246
				C.C.2	161	115	69	23	-24	-72	-120	-170	-221
				C.C.3	4	29	55	83	113	144	178	213	249
				C.C.4	-34	-3	31	66	103	143	185	228	274
				C.C.5	-520	-546	-572	-602	-635	-674	-717	-765	-814
				C.C.6	-559	-577	-597	-619	-645	-676	-710	-749	-789
				C.C.7	-716	-663	-610	-558	-508	-460	-413	-366	-319
				C.C.8	-754	-695	-635	-576	-518	-461	-406	-350	-294
				C.C.9	194	57	-83	-227	-376	-531	-692	-861	-1035
				C.C.10	118	-6	-132	-261	-395	-534	-679	-829	-985
				C.C.11	-22	-151	-282	-419	-562	-712	-870	-1035	-1206
				C.C.12	-98	-213	-331	-453	-581	-715	-856	-1003	-1155
				C.C.13	-457	-335	-210	-82	49	184	323	467	615
				C.C.14	-533	-398	-259	-117	30	181	337	498	665
				C.C.15	-673	-543	-410	-275	-137	3	146	293	444
				C.C.16	-749	-605	-459	-309	-157	0	160	325	495
12	Fondazione	12, 11	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	0	-138	-278	-420	-564	-710	-858	-1007	-1159
				C.C.2	0	-155	-311	-469	-629	-789	-951	-1115	-1280
				C.C.3	0	-192	-385	-576	-768	-959	-1150	-1340	-1531
				C.C.4	0	-209	-418	-626	-832	-1038	-1244	-1448	-1652
				C.C.5	0	199	398	596	794	991	1187	1383	1578
				C.C.6	0	182	365	547	729	911	1093	1275	1457
				C.C.7	0	145	292	440	590	741	895	1050	1206
				C.C.8	0	128	258	391	525	662	801	942	1085
				C.C.9	0	52	99	142	181	215	245	271	292
				C.C.10	0	18	33	44	53	58	59	58	53
				C.C.11	0	153	302	447	588	725	858	988	1113
				C.C.12	0	119	236	349	460	568	673	775	874
				C.C.13	0	-129	-256	-379	-499	-616	-729	-840	-947
				C.C.14	0	-163	-322	-476	-627	-773	-915	-1053	-1187
				C.C.15	0	-28	-53	-74	-91	-105	-116	-123	-126
				C.C.16	0	-62	-119	-171	-219	-263	-302	-336	-366
13	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	-2021	-2206	-2393	-2583	-2776	-2971	-3170	-3371	-3574
				C.C.2	-1776	-1976	-2178	-2382	-2587	-2795	-3005	-3217	-3430
				C.C.3	-1875	-2103	-2330	-2557	-2784	-3010	-3236	-3461	-3686
				C.C.4	-1630	-1873	-2115	-2356	-2595	-2834	-3071	-3307	-3542
				C.C.5	942	1176	1408	1640	1871	2101	2330	2559	2787
				C.C.6	1187	1405	1623	1841	2059	2277	2495	2713	2931
				C.C.7	1089	1279	1471	1666	1863	2062	2264	2468	2675
				C.C.8	1334	1509	1686	1867	2051	2238	2429	2622	2819
				C.C.9	-1275	-1255	-1242	-1234	-1233	-1237	-1248	-1265	-1288
				C.C.10	-790	-800	-815	-835	-859	-888	-922	-960	-1002
				C.C.11	-386	-241	-101	33	161	284	402	514	621
				C.C.12	99	214	325	432	535	633	728	819	906
				C.C.13	-787	-911	-1032	-1148	-1259	-1366	-1469	-1567	-1661
				C.C.14	-301	-456	-605	-749	-886	-1017	-1143	-1262	-1376
				C.C.15	103	103	109	119	135	155	181	212	247
				C.C.16	588	558	535	518	508	504	507	517	532
14	Fondazione	11, 14	60		(X=0)	(X=8)	(X=15)	(X=23)	(X=30)	(X=38)	(X=45)	(X=53)	(X=L)
				C.C.1	1668	1461	1252	1041	826	610	390	168	-56
				C.C.2	1626	1411	1193	974	753	530	305	78	-150
				C.C.3	-474	-698	-922	-1146	-1369	-1592	-1814	-2036	-2257
				C.C.4	-515	-749	-981	-1213	-1443	-1672	-1899	-2126	-2351
				C.C.5	2777	3004	3230	3456	3681	3905	4128	4351	4573
				C.C.6	2735	2953	3171	3389	3607	3825	4043	4261	4478
				C.C.7	636	844	1056	1269	1485	1703	1924	2147	2372
				C.C.8	594	794	997	1202	1411	1623	1839	2057	2278
				C.C.9	4574	4545	4510	4470	4423	4370	4312	4248	4178
				C.C.10	4492	4445	4393	4337	4277	4212	4143	4069	3991
				C.C.11	4907	5008	5104	5194	5279	5359	5433	5502	5566
				C.C.12	4825	4908	4987	5062	5133	5201	5264	5324	5380
				C.C.13	-2563	-2653	-2738	-2819	-2895	-2968	-3035	-3099	-3158
				C.C.14	-2645	-2753	-2855	-2951	-3041	-3126	-3205	-3277	-3344
				C.C.15	-2230	-2190	-2145	-2094	-2039	-1979	-1914	-1844	-1769
				C.C.16	-2312	-2290	-2262	-2227	-2185	-2137	-2083	-2023	-1956

15	Fondazione	14, 13	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	1559	1370	1180	987	793	598	400	201	0
				C.C.2	1567	1375	1182	988	793	596	399	200	0
				C.C.3	1458	1274	1091	908	726	544	362	181	0
				C.C.4	1466	1279	1094	909	725	543	361	180	0
				C.C.5	-1456	-1272	-1089	-906	-723	-542	-360	-180	0
				C.C.6	-1449	-1267	-1086	-905	-724	-543	-362	-181	0
				C.C.7	-1557	-1368	-1177	-985	-791	-596	-399	-200	0
				C.C.8	-1550	-1363	-1175	-984	-791	-597	-400	-201	0
				C.C.9	618	555	488	417	342	262	179	92	0
				C.C.10	633	564	493	419	341	260	177	90	0
				C.C.11	-287	-238	-192	-151	-113	-79	-49	-23	0
				C.C.12	-272	-228	-187	-149	-114	-81	-52	-24	0
				C.C.13	281	235	192	153	116	82	52	24	0
				C.C.14	296	245	197	154	115	80	49	23	0
				C.C.15	-624	-558	-488	-415	-339	-259	-176	-90	0
				C.C.16	-609	-548	-483	-414	-340	-261	-179	-92	0
16	Piano 1	2	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-3565	-3565	-3565	-3565	-3565	-	-	-	-
				C.C.2	-3785	-3785	-3785	-3785	-3785	-	-	-	-
				C.C.3	-6679	-6679	-6679	-6679	-6679	-	-	-	-
				C.C.4	-6899	-6899	-6899	-6899	-6899	-	-	-	-
				C.C.5	7542	7542	7542	7542	7542	-	-	-	-
				C.C.6	7322	7322	7322	7322	7322	-	-	-	-
				C.C.7	4428	4428	4428	4428	4428	-	-	-	-
				C.C.8	4209	4209	4209	4209	4209	-	-	-	-
				C.C.9	4063	4063	4063	4063	4063	-	-	-	-
				C.C.10	3628	3628	3628	3628	3628	-	-	-	-
				C.C.11	7395	7395	7395	7395	7395	-	-	-	-
				C.C.12	6960	6960	6960	6960	6960	-	-	-	-
				C.C.13	-6317	-6317	-6317	-6317	-6317	-	-	-	-
				C.C.14	-6752	-6752	-6752	-6752	-6752	-	-	-	-
				C.C.15	-2984	-2984	-2984	-2984	-2984	-	-	-	-
				C.C.16	-3420	-3420	-3420	-3420	-3420	-	-	-	-
17	Piano 1	3	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-7968	-7968	-7968	-7968	-7968	-	-	-	-
				C.C.2	-8195	-8195	-8195	-8195	-8195	-	-	-	-
				C.C.3	-7281	-7281	-7281	-7281	-7281	-	-	-	-
				C.C.4	-7508	-7508	-7508	-7508	-7508	-	-	-	-
				C.C.5	8236	8236	8236	8236	8236	-	-	-	-
				C.C.6	8010	8010	8010	8010	8010	-	-	-	-
				C.C.7	8923	8923	8923	8923	8923	-	-	-	-
				C.C.8	8697	8697	8697	8697	8697	-	-	-	-
				C.C.9	-2987	-2987	-2987	-2987	-2987	-	-	-	-
				C.C.10	-3436	-3436	-3436	-3436	-3436	-	-	-	-
				C.C.11	1874	1874	1874	1874	1874	-	-	-	-
				C.C.12	1425	1425	1425	1425	1425	-	-	-	-
				C.C.13	-697	-697	-697	-697	-697	-	-	-	-
				C.C.14	-1146	-1146	-1146	-1146	-1146	-	-	-	-
				C.C.15	4164	4164	4164	4164	4164	-	-	-	-
				C.C.16	3716	3716	3716	3716	3716	-	-	-	-
18	Piano 1	6	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-5233	-5233	-5233	-5233	-5233	-	-	-	-
				C.C.2	-4993	-4993	-4993	-4993	-4993	-	-	-	-
				C.C.3	-4409	-4409	-4409	-4409	-4409	-	-	-	-
				C.C.4	-4169	-4169	-4169	-4169	-4169	-	-	-	-
				C.C.5	4598	4598	4598	4598	4598	-	-	-	-
				C.C.6	4838	4838	4838	4838	4838	-	-	-	-
				C.C.7	5423	5423	5423	5423	5423	-	-	-	-
				C.C.8	5662	5662	5662	5662	5662	-	-	-	-
				C.C.9	-2871	-2871	-2871	-2871	-2871	-	-	-	-
				C.C.10	-2397	-2397	-2397	-2397	-2397	-	-	-	-
				C.C.11	78	78	78	78	78	-	-	-	-
				C.C.12	553	553	553	553	553	-	-	-	-
				C.C.13	-123	-123	-123	-123	-123	-	-	-	-
				C.C.14	351	351	351	351	351	-	-	-	-
				C.C.15	2826	2826	2826	2826	2826	-	-	-	-
				C.C.16	3301	3301	3301	3301	3301	-	-	-	-
19	Piano 1	8	70		(X=0)	(X=18)	(X=35)	(X=53)	(X=L)	-	-	-	-
				C.C.1	-2160	-2160	-2160	-2160	-2160	-	-	-	-
				C.C.2	-2137	-2137	-2137	-2137	-2137	-	-	-	-
				C.C.3	-1206	-1206	-1206	-1206	-1206	-	-	-	-
				C.C.4	-1183	-1183	-1183	-1183	-1183	-	-	-	-

				C.C.5	-2531	-2531	-2531	-2531	-2531	-	-	-	-
				C.C.6	-2508	-2508	-2508	-2508	-2508	-	-	-	-
				C.C.7	-1577	-1577	-1577	-1577	-1577	-	-	-	-
				C.C.8	-1554	-1554	-1554	-1554	-1554	-	-	-	-
				C.C.9	-3415	-3415	-3415	-3415	-3415	-	-	-	-
				C.C.10	-3369	-3369	-3369	-3369	-3369	-	-	-	-
				C.C.11	-3526	-3526	-3526	-3526	-3526	-	-	-	-
				C.C.12	-3480	-3480	-3480	-3480	-3480	-	-	-	-
				C.C.13	-234	-234	-234	-234	-234	-	-	-	-
				C.C.14	-188	-188	-188	-188	-188	-	-	-	-
				C.C.15	-345	-345	-345	-345	-345	-	-	-	-
				C.C.16	-299	-299	-299	-299	-299	-	-	-	-
20	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.2	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.3	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.4	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.5	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.6	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.7	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.8	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.9	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.10	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.11	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.12	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.13	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.14	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.15	-75	-75	-75	-75	-75	-75	-75	-75	-75
				C.C.16	-75	-75	-75	-75	-75	-75	-75	-75	-75
21	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	129	129	129	129	129	129	129	129	129
				C.C.2	129	129	129	129	129	129	129	129	129
				C.C.3	129	129	129	129	129	129	129	129	129
				C.C.4	129	129	129	129	129	129	129	129	129
				C.C.5	129	129	129	129	129	129	129	129	129
				C.C.6	129	129	129	129	129	129	129	129	129
				C.C.7	129	129	129	129	129	129	129	129	129
				C.C.8	129	129	129	129	129	129	129	129	129
				C.C.9	129	129	129	129	129	129	129	129	129
				C.C.10	129	129	129	129	129	129	129	129	129
				C.C.11	129	129	129	129	129	129	129	129	129
				C.C.12	129	129	129	129	129	129	129	129	129
				C.C.13	129	129	129	129	129	129	129	129	129
				C.C.14	129	129	129	129	129	129	129	129	129
				C.C.15	129	129	129	129	129	129	129	129	129
				C.C.16	129	129	129	129	129	129	129	129	129
22	Piano 2	2, 19	40		(X=0)	(X=5)	(X=10)	(X=15)	(X=20)	(X=25)	(X=30)	(X=35)	(X=L)
				C.C.1	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.2	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.3	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.4	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.5	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.6	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.7	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.8	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.9	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.10	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.11	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.12	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.13	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.14	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.15	-771	-771	-771	-771	-771	-771	-771	-771	-771
				C.C.16	-771	-771	-771	-771	-771	-771	-771	-771	-771
23	Piano 2	21, 2	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.2	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.3	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.4	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.5	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.6	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.7	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.8	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.9	-101	-101	-101	-101	-101	-101	-101	-101	-101

				C.C.10	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.11	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.12	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.13	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.14	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.15	-101	-101	-101	-101	-101	-101	-101	-101	-101
				C.C.16	-101	-101	-101	-101	-101	-101	-101	-101	-101
24	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.2	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.3	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.4	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.5	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.6	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.7	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.8	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.9	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.10	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.11	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.12	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.13	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.14	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.15	-157	-157	-157	-157	-157	-157	-157	-157	-157
				C.C.16	-157	-157	-157	-157	-157	-157	-157	-157	-157
25	Piano 2	19, 3	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	93	93	93	93	93	93	93	93	93
				C.C.2	93	93	93	93	93	93	93	93	93
				C.C.3	93	93	93	93	93	93	93	93	93
				C.C.4	93	93	93	93	93	93	93	93	93
				C.C.5	93	93	93	93	93	93	93	93	93
				C.C.6	93	93	93	93	93	93	93	93	93
				C.C.7	93	93	93	93	93	93	93	93	93
				C.C.8	93	93	93	93	93	93	93	93	93
				C.C.9	93	93	93	93	93	93	93	93	93
				C.C.10	93	93	93	93	93	93	93	93	93
				C.C.11	93	93	93	93	93	93	93	93	93
				C.C.12	93	93	93	93	93	93	93	93	93
				C.C.13	93	93	93	93	93	93	93	93	93
				C.C.14	93	93	93	93	93	93	93	93	93
				C.C.15	93	93	93	93	93	93	93	93	93
				C.C.16	93	93	93	93	93	93	93	93	93
26	Piano 2	3, 20	20		(X=0)	(X=3)	(X=5)	(X=8)	(X=10)	(X=13)	(X=15)	(X=18)	(X=L)
				C.C.1	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.2	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.3	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.4	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.5	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.6	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.7	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.8	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.9	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.10	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.11	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.12	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.13	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.14	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.15	-399	-399	-399	-399	-399	-399	-399	-399	-399
				C.C.16	-399	-399	-399	-399	-399	-399	-399	-399	-399
27	Piano 2	2	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	578	578	578	578	578	-	-	-	-
				C.C.2	590	590	590	590	590	-	-	-	-
				C.C.3	585	585	585	585	585	-	-	-	-
				C.C.4	597	597	597	597	597	-	-	-	-
				C.C.5	47	47	47	47	47	-	-	-	-
				C.C.6	59	59	59	59	59	-	-	-	-
				C.C.7	54	54	54	54	54	-	-	-	-
				C.C.8	65	65	65	65	65	-	-	-	-
				C.C.9	379	379	379	379	379	-	-	-	-
				C.C.10	402	402	402	402	402	-	-	-	-
				C.C.11	219	219	219	219	219	-	-	-	-
				C.C.12	243	243	243	243	243	-	-	-	-
				C.C.13	401	401	401	401	401	-	-	-	-
				C.C.14	424	424	424	424	424	-	-	-	-

				C.C.15	241	241	241	241	241	-	-	-	-
				C.C.16	265	265	265	265	265	-	-	-	-
28	Piano 2	3	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	808	808	808	808	808	-	-	-	-
				C.C.2	827	827	827	827	827	-	-	-	-
				C.C.3	867	867	867	867	867	-	-	-	-
				C.C.4	886	886	886	886	886	-	-	-	-
				C.C.5	-158	-158	-158	-158	-158	-	-	-	-
				C.C.6	-139	-139	-139	-139	-139	-	-	-	-
				C.C.7	-98	-98	-98	-98	-98	-	-	-	-
				C.C.8	-79	-79	-79	-79	-79	-	-	-	-
				C.C.9	391	391	391	391	391	-	-	-	-
				C.C.10	429	429	429	429	429	-	-	-	-
				C.C.11	101	101	101	101	101	-	-	-	-
				C.C.12	139	139	139	139	139	-	-	-	-
				C.C.13	589	589	589	589	589	-	-	-	-
				C.C.14	627	627	627	627	627	-	-	-	-
				C.C.15	300	300	300	300	300	-	-	-	-
				C.C.16	337	337	337	337	337	-	-	-	-
29	Piano 2	6	306		(X=0)	(X=77)	(X=153)	(X=230)	(X=L)	-	-	-	-
				C.C.1	677	677	677	677	677	-	-	-	-
				C.C.2	646	646	646	646	646	-	-	-	-
				C.C.3	384	384	384	384	384	-	-	-	-
				C.C.4	354	354	354	354	354	-	-	-	-
				C.C.5	76	76	76	76	76	-	-	-	-
				C.C.6	45	45	45	45	45	-	-	-	-
				C.C.7	-216	-216	-216	-216	-216	-	-	-	-
				C.C.8	-247	-247	-247	-247	-247	-	-	-	-
				C.C.9	823	823	823	823	823	-	-	-	-
				C.C.10	762	762	762	762	762	-	-	-	-
				C.C.11	642	642	642	642	642	-	-	-	-
				C.C.12	582	582	582	582	582	-	-	-	-
				C.C.13	-152	-152	-152	-152	-152	-	-	-	-
				C.C.14	-213	-213	-213	-213	-213	-	-	-	-
				C.C.15	-332	-332	-332	-332	-332	-	-	-	-
				C.C.16	-393	-393	-393	-393	-393	-	-	-	-
30	Piano 2	8	68		(X=0)	(X=17)	(X=34)	(X=51)	(X=L)	-	-	-	-
				C.C.1	-51	-51	-51	-51	-51	-	-	-	-
				C.C.2	-640	-640	-640	-640	-640	-	-	-	-
				C.C.3	3497	3497	3497	3497	3497	-	-	-	-
				C.C.4	2907	2907	2907	2907	2907	-	-	-	-
				C.C.5	-1936	-1936	-1936	-1936	-1936	-	-	-	-
				C.C.6	-2525	-2525	-2525	-2525	-2525	-	-	-	-
				C.C.7	1612	1612	1612	1612	1612	-	-	-	-
				C.C.8	1022	1022	1022	1022	1022	-	-	-	-
				C.C.9	-4560	-4560	-4560	-4560	-4560	-	-	-	-
				C.C.10	-5728	-5728	-5728	-5728	-5728	-	-	-	-
				C.C.11	-5126	-5126	-5126	-5126	-5126	-	-	-	-
				C.C.12	-6294	-6294	-6294	-6294	-6294	-	-	-	-
				C.C.13	7266	7266	7266	7266	7266	-	-	-	-
				C.C.14	6097	6097	6097	6097	6097	-	-	-	-
				C.C.15	6700	6700	6700	6700	6700	-	-	-	-
				C.C.16	5532	5532	5532	5532	5532	-	-	-	-
31	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	294	294	294	294	294	294	294	294	294
				C.C.2	294	294	294	294	294	294	294	294	294
				C.C.3	294	294	294	294	294	294	294	294	294
				C.C.4	294	294	294	294	294	294	294	294	294
				C.C.5	294	294	294	294	294	294	294	294	294
				C.C.6	294	294	294	294	294	294	294	294	294
				C.C.7	294	294	294	294	294	294	294	294	294
				C.C.8	294	294	294	294	294	294	294	294	294
				C.C.9	294	294	294	294	294	294	294	294	294
				C.C.10	294	294	294	294	294	294	294	294	294
				C.C.11	294	294	294	294	294	294	294	294	294
				C.C.12	294	294	294	294	294	294	294	294	294
				C.C.13	294	294	294	294	294	294	294	294	294
				C.C.14	294	294	294	294	294	294	294	294	294
				C.C.15	294	294	294	294	294	294	294	294	294
				C.C.16	294	294	294	294	294	294	294	294	294
32	Piano 3	7, 5	50		(X=0)	(X=6)	(X=13)	(X=19)	(X=25)	(X=31)	(X=38)	(X=44)	(X=L)
				C.C.1	-87	-87	-87	-87	-87	-87	-87	-87	-87
				C.C.2	-87	-87	-87	-87	-87	-87	-87	-87	-87

				C.C.8	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.9	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.10	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.11	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.12	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.13	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.14	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.15	-647	-647	-647	-647	-647	-647	-647	-647	-647
				C.C.16	-647	-647	-647	-647	-647	-647	-647	-647	-647
37	Piano 3	24, 6	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.2	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.3	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.4	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.5	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.6	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.7	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.8	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.9	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.10	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.11	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.12	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.13	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.14	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.15	-228	-228	-228	-228	-228	-228	-228	-228	-228
				C.C.16	-228	-228	-228	-228	-228	-228	-228	-228	-228
38	Piano 3	8, 25	36		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=27)	(X=31)	(X=L)
				C.C.1	71	71	71	71	71	71	71	71	71
				C.C.2	71	71	71	71	71	71	71	71	71
				C.C.3	71	71	71	71	71	71	71	71	71
				C.C.4	71	71	71	71	71	71	71	71	71
				C.C.5	71	71	71	71	71	71	71	71	71
				C.C.6	71	71	71	71	71	71	71	71	71
				C.C.7	71	71	71	71	71	71	71	71	71
				C.C.8	71	71	71	71	71	71	71	71	71
				C.C.9	71	71	71	71	71	71	71	71	71
				C.C.10	71	71	71	71	71	71	71	71	71
				C.C.11	71	71	71	71	71	71	71	71	71
				C.C.12	71	71	71	71	71	71	71	71	71
				C.C.13	71	71	71	71	71	71	71	71	71
				C.C.14	71	71	71	71	71	71	71	71	71
				C.C.15	71	71	71	71	71	71	71	71	71
				C.C.16	71	71	71	71	71	71	71	71	71
39	Piano 3	8, 25	37		(X=0)	(X=5)	(X=9)	(X=14)	(X=18)	(X=23)	(X=28)	(X=32)	(X=L)
				C.C.1	16	16	16	16	16	16	16	16	16
				C.C.2	16	16	16	16	16	16	16	16	16
				C.C.3	16	16	16	16	16	16	16	16	16
				C.C.4	16	16	16	16	16	16	16	16	16
				C.C.5	16	16	16	16	16	16	16	16	16
				C.C.6	16	16	16	16	16	16	16	16	16
				C.C.7	16	16	16	16	16	16	16	16	16
				C.C.8	16	16	16	16	16	16	16	16	16
				C.C.9	16	16	16	16	16	16	16	16	16
				C.C.10	16	16	16	16	16	16	16	16	16
				C.C.11	16	16	16	16	16	16	16	16	16
				C.C.12	16	16	16	16	16	16	16	16	16
				C.C.13	16	16	16	16	16	16	16	16	16
				C.C.14	16	16	16	16	16	16	16	16	16
				C.C.15	16	16	16	16	16	16	16	16	16
				C.C.16	16	16	16	16	16	16	16	16	16
40	Piano 3	8, 25	35		(X=0)	(X=4)	(X=9)	(X=13)	(X=18)	(X=22)	(X=26)	(X=31)	(X=L)
				C.C.1	0	0	0	0	0	0	0	0	0
				C.C.2	0	0	0	0	0	0	0	0	0
				C.C.3	0	0	0	0	0	0	0	0	0
				C.C.4	0	0	0	0	0	0	0	0	0
				C.C.5	0	0	0	0	0	0	0	0	0
				C.C.6	0	0	0	0	0	0	0	0	0
				C.C.7	0	0	0	0	0	0	0	0	0
				C.C.8	0	0	0	0	0	0	0	0	0
				C.C.9	0	0	0	0	0	0	0	0	0
				C.C.10	0	0	0	0	0	0	0	0	0
				C.C.11	0	0	0	0	0	0	0	0	0
				C.C.12	0	0	0	0	0	0	0	0	0

				C.C.13	0	0	0	0	0	0	0	0	0
				C.C.14	0	0	0	0	0	0	0	0	0
				C.C.15	0	0	0	0	0	0	0	0	0
				C.C.16	0	0	0	0	0	0	0	0	0
41	Piano 3	6	238		(X=0)	(X=60)	(X=119)	(X=179)	(X=L)	-	-	-	-
				C.C.1	-150	-150	-150	-150	-150	-	-	-	-
				C.C.2	-92	-92	-92	-92	-92	-	-	-	-
				C.C.3	331	331	331	331	331	-	-	-	-
				C.C.4	389	389	389	389	389	-	-	-	-
				C.C.5	40	40	40	40	40	-	-	-	-
				C.C.6	99	99	99	99	99	-	-	-	-
				C.C.7	521	521	521	521	521	-	-	-	-
				C.C.8	580	580	580	580	580	-	-	-	-
				C.C.9	-674	-674	-674	-674	-674	-	-	-	-
				C.C.10	-557	-557	-557	-557	-557	-	-	-	-
				C.C.11	-616	-616	-616	-616	-616	-	-	-	-
				C.C.12	-500	-500	-500	-500	-500	-	-	-	-
				C.C.13	930	930	930	930	930	-	-	-	-
				C.C.14	1046	1046	1046	1046	1046	-	-	-	-
				C.C.15	987	987	987	987	987	-	-	-	-
				C.C.16	1103	1103	1103	1103	1103	-	-	-	-
42	Piano 3	8	476		(X=0)	(X=119)	(X=238)	(X=357)	(X=L)	-	-	-	-
				C.C.1	1150	1150	1150	1150	1150	-	-	-	-
				C.C.2	1028	1028	1028	1028	1028	-	-	-	-
				C.C.3	129	129	129	129	129	-	-	-	-
				C.C.4	6	6	6	6	6	-	-	-	-
				C.C.5	842	842	842	842	842	-	-	-	-
				C.C.6	719	719	719	719	719	-	-	-	-
				C.C.7	-180	-180	-180	-180	-180	-	-	-	-
				C.C.8	-302	-302	-302	-302	-302	-	-	-	-
				C.C.9	2295	2295	2295	2295	2295	-	-	-	-
				C.C.10	2052	2052	2052	2052	2052	-	-	-	-
				C.C.11	2202	2202	2202	2202	2202	-	-	-	-
				C.C.12	1960	1960	1960	1960	1960	-	-	-	-
				C.C.13	-1112	-1112	-1112	-1112	-1112	-	-	-	-
				C.C.14	-1354	-1354	-1354	-1354	-1354	-	-	-	-
				C.C.15	-1204	-1204	-1204	-1204	-1204	-	-	-	-
				C.C.16	-1447	-1447	-1447	-1447	-1447	-	-	-	-

4.2.8 Pareti

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

Tabella 9.I

P	C	Massimi	Minimi	Massimi	Minimi	Massimi	Minimi	Massimi	Minimi	Massimi	Minimi	Massimi	Minimi	Massimi	Minimi	Massimi	Minimi
a	o	N1-1	N1-1	N2-2	N2-2	N1-2	N1-2	M1-1	M1-1	M2-2	M2-2	M1-2	M1-2	T1-3	T1-3	T2-3	T2-3
r	m	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]	[daN]
e	b																
t	.																
e																	
1	C	48.02	-57.24	278.59	-270.56	35.94	-126.38	-173.08	-369.71	-1900.79	-1930.29	744.29	-33.67	1.82	1.25	-30.84	-30.84
	C																
	1																
	C	47.19	-52.83	273.05	-255.90	32.35	-124.07	-128.25	-315.74	-1601.95	-1630.07	639.78	-44.04	1.82	0.86	-37.18	-37.18
	C																
	2																
	C	7.60	-2.95	-5.76	-61.15	11.61	-6.16	10.83	-49.43	-674.77	-683.81	925.45	210.69	1.82	-2.23	-99.85	-99.85
	C																
	3																

	C C 4	9.02	-0.80	-10.96	-46.83	8.01	-5.22	55.65	4.54	-375.92	-383.59	820.94	200.31	1.82	-2.62	-106.20	-106.20
	C C 5	-11.37	-37.53	-117.28	-238.21	22.68	-12.92	-1051.15	-1165.96	-7754.61	-7771.83	-461.97	-484.41	1.82	-7.00	292.31	-70.46
	C C 6	-12.20	-33.13	-122.82	-223.55	19.09	-10.61	-1006.32	-1148.13	-7455.76	-7712.55	-566.47	-566.47	1.82	-7.39	285.96	-74.05
	C C 7	19.04	-54.07	-28.45	-401.97	-1.65	-12.27	-867.25	-887.79	-6528.58	-6665.56	-280.81	-293.90	1.82	-10.48	223.29	-11.07
	C C 8	23.45	-54.90	-13.80	-407.51	-5.25	-17.23	-822.42	-890.42	-6229.74	-6683.10	-385.31	-403.95	1.82	-10.87	216.94	-14.66
	C C 9	77.46	-118.51	474.89	-511.14	61.46	-229.69	-716.96	-1048.54	-5526.64	-5576.37	162.03	-471.41	1.82	1.82	165.90	-101.93
	C C 10	75.81	-109.77	463.91	-482.09	54.33	-225.11	-628.13	-941.59	-4934.50	-4981.52	-45.04	-491.98	1.82	1.82	153.33	-109.04
	C C 11	59.65	-112.59	356.13	-501.43	57.49	-195.65	-980.38	-1287.42	-7282.78	-7328.84	-199.85	-606.64	1.82	0.14	262.84	-118.57
	C C 12	58.00	-103.86	345.15	-472.39	50.36	-191.07	-891.56	-1180.47	-6690.64	-6733.98	-406.91	-627.20	1.82	-0.63	250.27	-125.68
	C C 13	70.08	-64.88	188.03	-474.07	-19.66	-41.80	-103.94	-103.94	-1439.89	-1439.89	765.89	268.43	1.82	-8.99	-64.16	-64.16
	C C 14	78.81	-66.53	217.08	-485.05	-26.79	-51.65	-15.12	-15.12	-847.75	-847.75	558.83	236.86	1.82	-9.76	-76.74	-76.74
	C C 15	75.99	-82.70	197.74	-592.84	-23.64	-48.55	-367.36	-367.36	-3196.03	-3196.03	404.02	118.30	1.82	-11.47	32.78	32.78
	C C 16	84.72	-84.34	226.78	-603.81	-30.77	-58.40	-278.54	-278.54	-2603.89	-2603.89	196.95	86.73	1.82	-12.23	20.21	20.21
2	C C 1	-36.91	-138.59	-179.77	-400.29	86.33	86.33	251.03	173.92	698.10	184.06	801.96	582.73	-79.21	-79.21	-94.70	-149.87
	C C 2	-35.18	-134.95	-168.29	-372.30	77.31	77.31	296.57	261.82	1001.73	770.03	677.11	505.49	-79.21	-79.21	-93.69	-162.31
	C C 3	-7.85	-40.30	13.95	-24.50	9.52	-14.53	-23.55	-519.29	-1132.43	-1206.80	1512.90	-1091.43	-79.21	-79.21	-52.87	-285.20
	C C 4	-3.64	-39.15	42.03	-13.10	0.49	-35.17	21.99	-658.27	-828.81	-930.85	1388.05	-1413.92	-79.21	-79.21	-51.86	-297.64
	C C 5	157.01	-59.56	-136.59	-330.80	49.65	0.17	163.41	-1547.79	113.96	-11294.01	-2161.10	-2502.29	-79.21	-79.21	-110.95	-110.95
	C C 6	158.16	-55.35	-125.19	-302.72	40.63	-8.70	208.95	-1459.89	417.59	-10708.04	-2285.95	-2579.53	-79.21	-79.21	-109.94	-109.94

	C · C · 7	235.64	-10.84	108.12	-5.98	-27.16	-142.94	-111.17	-1210.27	-1716.57	-8893.50	-1450.16	-1450.16	-79.21	-79.21	-69.11	-69.11
	C · C · 8	239.28	-9.12	136.11	5.50	-36.18	-163.43	-65.63	-1306.90	-1412.95	-8335.21	-1575.01	-1575.01	-79.21	-79.21	-68.10	-68.10
	C · C · 9	-64.89	-166.29	-366.29	-858.15	167.53	167.53	518.36	-892.50	2480.28	-6925.44	-1003.27	-1693.56	-79.21	-79.21	-149.70	-149.70
	C · C · 10	-61.47	-159.07	-343.53	-802.68	149.65	149.65	608.60	-718.34	3081.89	-5764.38	-1250.66	-1846.60	-79.21	-79.21	-147.69	-147.69
	C · C · 11	-13.92	-135.38	-354.42	-836.22	156.53	143.54	492.07	-1409.01	2305.03	-10368.86	-1892.19	-2619.07	-79.21	-79.21	-154.57	-154.57
	C · C · 12	-11.63	-127.03	-331.82	-780.58	138.65	125.96	582.31	-1234.86	2906.65	-9207.80	-2139.57	-2772.11	-79.21	-79.21	-152.57	-152.57
	C · C · 13	178.52	14.80	509.02	164.93	-88.51	-346.92	-396.91	-2206.24	-3621.50	-3892.90	1366.52	-1929.98	-79.21	-79.21	-10.24	-215.21
	C · C · 14	185.74	18.21	564.49	187.70	-106.38	-387.52	-306.67	-2481.62	-3019.88	-3346.13	1119.14	-2568.98	-79.21	-79.21	-8.24	-239.87
	C · C · 15	259.76	15.45	538.50	169.26	-99.51	-387.56	-423.20	-2090.73	-3796.74	-4046.87	477.61	-531.17	-79.21	-79.21	-15.11	-25.13
	C · C · 16	266.98	18.86	593.97	192.02	-117.39	-428.15	-332.95	-2366.11	-3195.13	-3500.10	230.22	-1170.17	-79.21	-79.21	-13.11	-49.78
3	C · C · 17	60.37	-157.96	127.89	-393.90	102.74	-148.36	237.66	-149.93	559.16	-783.76	229.96	-382.58	-41.55	-41.55	-0.59	-109.58
	C · C · 18	40.20	-140.22	83.89	-349.77	92.15	-116.42	271.54	-160.57	709.10	-782.02	-28.35	-469.10	-59.52	-59.52	-7.14	-99.21
	C · C · 19	0.13	-80.75	3.55	-254.78	242.27	61.17	83.49	-76.55	81.36	-428.79	680.50	-12.24	-16.34	-27.70	8.59	-66.99
	C · C · 20	-12.83	-63.01	-40.46	-210.65	231.68	81.75	117.37	-55.96	231.31	-427.05	422.19	-98.76	-34.31	-34.31	2.05	-59.39
	C · C · 21	27.58	9.12	114.75	47.07	-200.75	-210.44	-321.93	-592.08	-600.00	-1285.30	-206.94	-724.34	-15.39	-15.39	8.94	-13.22
	C · C · 22	42.77	7.41	158.88	3.07	-211.34	-217.59	-288.05	-664.81	-450.06	-1454.90	-465.25	-1022.12	-33.36	-33.36	2.39	-20.16
	C · C · 23	102.24	-32.67	253.86	-77.27	-61.22	-61.22	-476.11	-718.14	-1077.79	-1800.03	243.60	-947.28	9.82	-54.09	18.12	0.56
	C · C · 24	119.99	-52.84	297.99	-121.28	-71.81	-71.81	-442.23	-790.88	-927.85	-1973.71	-14.71	-1245.07	-8.15	-74.32	11.57	-3.78
	C · C · 25	129.08	-192.71	266.27	-399.82	-161.07	-440.76	205.05	-315.77	637.29	-1200.91	-321.82	-685.85	-52.99	-52.99	-4.76	-130.64

	C · C · 1 0	89.11	-157.55	179.07	-312.38	-182.05	-377.49	272.18	-343.69	934.39	-1197.46	-833.64	-857.28	-88.60	-88.60	-17.73	-110.10
	C · C · 1 1	119.24	-137.81	242.02	-247.23	-252.11	-438.18	37.17	-382.22	289.55	-1360.88	-452.89	-611.83	-45.14	-45.14	-1.90	-101.73
	C · C · 1 2	79.27	-102.66	154.82	-159.79	-273.10	-374.91	104.30	-410.14	586.64	-1328.79	-964.71	-964.71	-80.75	-80.75	-14.87	-81.19
	C · C · 1 3	64.68	-71.74	63.89	-148.21	304.03	245.81	-308.86	-308.86	-955.34	-955.34	1179.96	98.71	31.05	-24.16	25.86	-0.84
	C · C · 1 4	99.83	-111.71	151.33	-235.41	283.05	283.05	-241.73	-241.73	-658.25	-658.25	668.14	16.51	-4.56	-64.25	12.88	1.03
	C · C · 1 5	119.58	-81.58	216.48	-172.45	212.99	212.99	-476.74	-476.74	-1303.09	-1597.78	1048.89	-31.95	38.90	-79.10	28.71	1.72
	C · C · 1 6	154.73	-121.55	303.92	-259.65	192.00	192.00	-409.61	-452.54	-1005.99	-1472.77	537.07	-581.36	3.29	-119.19	15.74	3.59
4	C · C · 1	12.97	-10.05	82.94	7.57	477.15	287.22	1620.67	168.15	4711.96	2064.04	2883.33	1064.55	578.92	0.60	-180.39	-180.39
	C · C · 2	12.11	5.38	103.81	37.11	413.15	255.89	1617.38	206.76	4600.78	2321.44	2456.14	841.12	529.82	0.60	-165.05	-165.05
	C · C · 3	186.22	-13.00	397.62	-128.00	-756.44	-756.44	914.72	341.64	3684.18	3220.65	5224.89	2984.19	702.09	0.60	-218.86	-218.86
	C · C · 4	202.32	-13.86	435.84	-133.76	-820.43	-820.43	911.43	380.25	3573.00	3478.04	4797.71	2723.39	652.99	0.60	-203.52	-203.52
	C · C · 5	11.37	-230.17	32.21	-539.95	802.04	369.72	-835.50	-835.50	-2678.79	-3728.68	-4679.81	-4679.81	-624.25	-624.25	195.43	-262.44
	C · C · 6	10.50	-214.06	26.46	-501.73	738.04	338.39	-838.79	-838.79	-2789.96	-3471.29	-5107.00	-5107.00	-673.35	-673.35	210.76	-285.23
	C · C · 7	-14.26	-33.90	-138.65	-191.67	-431.55	-431.55	-1541.44	-1541.44	-3706.57	-3964.07	-2338.25	-2338.25	-501.08	-501.08	156.95	-211.86
	C · C · 8	-9.57	-17.80	-111.68	-170.79	-495.54	-495.54	-1544.73	-1544.73	-3817.74	-4064.06	-2765.43	-2765.43	-550.18	-550.18	172.29	-234.64
	C · C · 9	42.74	-323.97	241.34	-657.89	2061.45	1063.48	1586.23	-357.32	3378.83	-1439.10	-2285.98	-2472.17	38.21	-0.32	-11.49	-11.49
	C · C · 1 0	41.03	-292.06	229.93	-582.15	1934.65	1001.40	1579.70	-280.82	3158.55	-929.09	-3132.41	-3132.41	-59.08	-59.08	18.89	-25.61
	C · C · 1 1	42.25	-390.00	238.12	-822.14	2158.92	1088.23	849.38	-618.00	1161.61	-3176.91	-4554.92	-4554.92	-322.74	-322.74	101.25	-132.68
	C · C	40.54	-358.09	226.72	-746.40	2032.11	1026.15	842.86	-541.49	941.33	-2666.90	-5401.35	-5401.35	-420.03	-420.03	131.64	-177.83

	1																
	2																
	C	330.25	-43.04	642.29	-328.27	-2050.51	-2050.51	-766.92	-766.92	-47.11	-1089.68	5519.24	2635.98	448.77	0.60	-139.73	-139.73
	C																
	1																
	3																
	C	362.16	-44.75	718.03	-339.67	-2177.31	-2177.31	-773.44	-773.44	-267.39	-1287.79	4672.81	1995.02	351.49	0.60	-109.35	-109.35
	C																
	1																
	4																
	C	264.21	-43.52	478.04	-331.48	-1953.04	-1953.04	-1503.77	-1503.77	-2264.33	-3355.28	3250.30	1297.54	87.82	0.60	-26.99	-26.99
	C																
	1																
	5																
	C	296.12	-45.23	553.77	-342.88	-2079.84	-2079.84	-1510.29	-1510.29	-2484.62	-3553.40	2403.87	656.58	-9.46	-10.71	3.40	-9.21
	C																
	1																
	6																
5	C	21.58	-38.89	44.20	-192.98	82.49	82.49	46.64	46.64	2045.81	2045.81	1953.10	1367.17	28.62	-79.21	122.45	2.10
	C																
	1																
	2																
	C	20.71	-37.80	38.45	-185.72	60.36	60.36	85.25	85.25	2303.21	2303.21	1478.67	1179.70	28.62	-79.21	146.55	26.49
	C																
	3																
	C	-4.05	-29.70	-126.66	-131.74	-366.39	-366.39	220.13	128.69	3202.42	2592.84	2625.80	2594.84	28.62	-79.21	113.23	-144.66
	C																
	4																
	C	-3.15	-30.38	-120.65	-136.23	-388.53	-396.52	258.74	104.00	3459.82	2428.24	2151.37	2120.41	28.62	-79.21	137.34	-120.27
	C																
	5																
	C	19.97	-25.78	33.50	-105.61	325.98	325.98	-822.27	-822.27	-3746.91	-3746.91	-1790.63	-3767.87	28.62	-79.21	-58.13	-58.13
	C																
	6																
	C	19.11	-24.69	27.75	-98.34	303.84	303.84	-783.66	-783.66	-3489.51	-3489.51	-2265.06	-3955.34	28.62	-79.21	-34.02	-34.02
	C																
	7																
	C	8.86	-31.12	-40.55	-141.18	-122.90	-188.74	-648.78	-648.78	-2590.30	-2590.30	-1117.93	-2125.68	28.62	-79.21	-67.34	-67.34
	C																
	8																
	C	9.95	-31.98	-33.28	-146.94	-145.04	-219.73	-610.17	-610.17	-2332.90	-2332.90	-1592.36	-2313.16	28.62	-79.21	-43.24	-43.24
	C																
	9																
	C	51.34	-45.55	242.63	-237.42	702.27	702.27	-478.83	-478.83	-1457.32	-1457.32	90.79	-2253.97	28.62	-79.21	58.17	58.17
	C																
	10																
	C	49.63	-43.39	231.22	-223.02	658.41	658.41	-402.33	-402.33	-947.31	-947.31	-849.26	-2625.45	28.62	-79.21	105.93	105.93
	C																
	11																
	C	50.86	-41.62	239.41	-211.20	775.31	775.31	-739.51	-739.51	-3195.14	-3195.14	-1032.33	-3794.49	28.62	-79.21	4.00	4.00
	C																
	12																
	C	49.15	-39.46	228.01	-196.81	731.46	731.46	-663.00	-663.00	-2685.13	-2685.13	-1972.38	-4165.96	28.62	-79.21	51.76	51.76
	C																
	13																
	C	10.53	-59.55	-29.46	-330.74	-794.01	-996.28	99.47	-102.99	2398.04	1048.32	2333.12	2302.16	28.62	-79.21	27.45	-300.56
	C																
	14																
	C	12.69	-61.26	-15.06	-342.15	-837.86	-1057.69	175.97	-151.91	2908.05	722.18	1393.07	1362.11	28.62	-79.21	75.21	-252.23

C · C · 1 5	14.46	-60.04	-3.24	-333.95	-720.96	-943.25	-161.20	-271.59	660.22	-75.68	1210.00	1179.04	28.62	-79.21	-26.72	-277.16
C · C · 1 6	16.62	-61.75	11.15	-345.36	-764.82	-1004.65	-84.70	-320.51	1170.23	-401.82	269.95	238.99	28.62	-79.21	21.04	-228.84

4.2.9 Piastre

Piastra : numerazione interna della Piastra intesa come insieme di elementi bidimensionali;

Sollecitazioni : N1-1 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 1 nel punto considerato;

: N2-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 2 in direzione 2 nel punto considerato;

: N1-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 2 nel punto considerato;

: M1-1 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 1 nel punto considerato;

: M2-2 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 2 nel punto considerato;

: M1-2 : valore dello Momento Torcente sulle faccie nel punto considerato;

: T1-3 : valore del Taglio sulla faccia di normale parallela all'asse 1 in direzione 3 nel punto considerato;

: T2-3 : valore del Taglio sulla faccia di normale parallela all'asse 2 in direzione 3 nel punto considerato;

Tabella 10.I

P i a s t r a	C o m b ·	Massimi N1-1 [daN]	Minimi N1-1 [daN]	Massimi N2-2 [daN]	Minimi N2-2 [daN]	Massimi N1-2 [daN]	Minimi N1-2 [daN]	Massimi M1-1 [daN]	Minimi M1-1 [daN]	Massimi M2-2 [daN]	Minimi M2-2 [daN]	Massimi M1-2 [daN]	Minimi M1-2 [daN]	Massimi T1-3 [daN]	Minimi T1-3 [daN]	Massimi T2-3 [daN]	Minimi T2-3 [daN]
1	C · C · 1	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-121.75	-2721.15	-24.87	-219.43	244.41	-1180.57	3.56	-20.15	2.07	-26.42
	C · C · 2	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-53.91	-2570.31	-23.58	-217.53	207.05	-1031.81	7.00	-9.36	2.53	-14.75
	C · C · 3	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-297.19	-2577.76	77.89	-245.74	472.22	-1307.61	11.66	-37.72	-7.50	-102.54
	C · C · 4	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-229.34	-2426.92	79.17	-246.03	434.86	-1158.85	15.09	-26.94	-7.04	-90.87
	C · C · 5	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1958.86	-2280.38	-429.00	-448.43	-614.06	-614.06	-19.92	-64.66	-0.85	-96.67
	C · C · 6	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1891.02	-2314.52	-427.71	-484.92	-651.41	-651.41	-16.49	-72.63	-0.39	-107.06
	C · C · 7	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-2134.30	-2348.90	-326.24	-418.28	-386.24	-386.24	-11.83	-59.71	-10.42	-69.93
	C · C · 8	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-2066.45	-2383.04	-324.95	-434.50	-423.60	-423.60	-8.40	-67.68	-9.95	-75.43
	C · C · 9	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-593.36	-1586.11	-286.83	-287.13	-303.51	-634.73	-15.79	-42.02	11.98	-81.64
	C · C · 10	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-458.94	-1634.26	-284.29	-284.29	-377.53	-663.61	-8.98	-44.62	12.90	-102.22
	C · C · 11	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1144.50	-1774.24	-408.07	-409.06	-561.05	-794.44	-22.83	-52.97	11.11	-114.28
	C · C · 12	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1010.07	-1822.39	-405.52	-405.52	-635.06	-823.32	-16.03	-55.57	12.03	-134.86
	C ·	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1178.14	-1660.42	55.70	-308.27	455.87	-718.54	11.20	-39.66	-19.91	-140.15

	C .1 3																
	C .1 4	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1043.71	-1594.58	58.24	-213.51	381.85	-448.54	18.00	-18.29	-18.99	-117.04
	C .1 5	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1729.27	-1729.27	-65.54	-233.27	198.33	-258.96	4.15	-25.08	-20.79	-91.36
	C .1 6	16.60	-72.29	6.03	-10.05	-9.37	-21.48	-1594.84	-1594.84	-62.99	-197.54	124.31	-138.61	10.95	-24.39	-19.87	-68.25
2	C .1	80.02	-237.14	12.11	-35.70	-89.10	-99.38	740.92	-2526.12	155.64	-238.33	351.65	12.45	34.64	-36.17	-1.62	-11.55
	C .2	45.92	-220.00	9.83	-33.13	-73.93	-84.33	707.89	-2340.86	146.27	-222.02	305.52	15.95	33.71	-26.12	-1.19	-10.33
	C .3	192.34	-317.42	27.93	-48.88	-124.32	-150.44	1126.83	-3086.55	192.73	-291.68	449.44	62.36	36.71	-74.81	-1.90	-17.54
	C .4	158.24	-291.69	22.82	-45.02	-109.16	-132.15	1093.80	-2901.29	183.36	-275.37	403.32	78.51	35.79	-63.84	-1.47	-16.33
	C .5	315.91	-147.58	46.12	-23.05	91.84	50.43	-1934.31	-2630.77	-277.62	-410.65	-275.95	-585.29	-57.51	-129.39	-0.53	-30.05
	C .6	341.63	-181.69	49.98	-28.17	107.00	58.84	-1967.34	-2707.76	-286.99	-432.47	-322.07	-656.66	-58.44	-139.06	-0.09	-33.81
	C .7	222.42	-35.26	32.10	-10.06	56.61	28.57	-1548.40	-1833.38	-240.53	-340.26	-178.15	-313.83	-55.44	-88.33	-0.81	-19.13
	C .8	248.15	-69.37	35.95	-12.34	71.78	36.99	-1581.43	-1910.37	-249.90	-362.08	-224.27	-385.21	-56.36	-97.21	-0.37	-22.89
	C .9	61.46	-113.94	7.95	-18.01	7.88	6.58	-629.43	-1292.71	-34.68	-120.59	40.52	-237.74	0.42	-48.49	-1.13	-6.61
	C .10	112.42	-181.52	15.60	-28.15	37.93	25.20	-694.88	-1445.26	-53.24	-190.16	-50.86	-345.83	-1.41	-64.18	-0.27	-14.27
	C .11	223.41	-182.22	32.24	-28.25	62.16	37.90	-1432.00	-2322.20	-164.66	-254.21	-147.76	-511.21	-27.23	-107.72	-0.80	-22.56
	C .12	274.38	-249.80	39.89	-38.39	92.21	54.57	-1497.44	-2474.75	-183.22	-297.44	-239.14	-646.75	-29.06	-123.41	0.06	-30.23
	C .13	260.46	-250.16	38.15	-38.79	-109.53	-142.05	656.93	-1828.94	88.96	-174.97	366.52	47.59	7.33	-96.74	-2.06	-15.54
	C .14	192.88	-199.19	28.01	-31.15	-79.48	-105.82	591.49	-1461.86	70.40	-142.65	275.13	79.58	5.50	-77.33	-1.20	-13.13
	C .15	192.18	-88.21	27.91	-14.50	-55.25	-75.50	-145.63	-1033.53	-41.02	-124.73	178.24	23.36	-20.31	-73.39	-1.73	-9.04
	C .16	124.60	-37.24	17.77	-6.85	-25.20	-39.68	-211.08	-809.49	-59.58	-77.29	86.85	55.35	-22.14	-56.00	-0.87	-7.35
3	C .1	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-1050.45	-1514.33	-100.05	-565.67	-156.39	-475.22	-28.15	-82.55	13.18	-14.37
	C .2	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-1009.11	-1396.03	-99.43	-425.31	-118.77	-414.56	-27.73	-72.57	9.86	-12.62
	C .3	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-1185.37	-1919.03	-102.11	-121.50	-230.48	-661.31	-31.10	-111.27	23.46	-23.88

	C · C .4	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-1144.03	-1800.73	-101.49	-121.78	-192.86	-587.53	-30.68	-101.30	20.14	-23.80
	C · C .5	25.75	-12.94	11.61	-3.45	-5.68	-10.19	1467.06	-3213.94	154.03	-497.67	217.78	-94.47	37.80	-43.60	-21.72	-46.64
	C · C .6	25.75	-12.94	11.61	-3.45	-5.68	-10.19	1508.40	-3388.40	154.64	-389.83	255.41	-79.45	38.22	-54.87	-25.04	-54.10
	C · C .7	25.75	-12.94	11.61	-3.45	-5.68	-10.19	1332.14	-2497.86	151.96	-319.65	143.69	62.89	34.85	-28.97	-11.43	-24.93
	C · C .8	25.75	-12.94	11.61	-3.45	-5.68	-10.19	1373.49	-2672.33	152.58	-337.93	181.31	-33.60	35.28	-42.10	-14.75	-32.39
	C · C .9	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-32.21	-735.94	-9.02	-1571.34	42.55	-766.53	-1.84	-30.19	-9.40	-88.90
	C · C .10	25.75	-12.94	11.61	-3.45	-5.68	-10.19	49.71	-1081.64	-7.79	-1293.22	117.10	-736.77	-1.00	-51.06	-15.98	-82.59
	C · C .11	25.75	-12.94	11.61	-3.45	-5.68	-10.19	723.04	-2225.70	67.21	-1550.94	154.80	-698.33	17.94	-50.71	-19.87	-93.44
	C · C .12	25.75	-12.94	11.61	-3.45	-5.68	-10.19	804.96	-2571.39	68.43	-1272.82	229.35	-668.57	18.79	-73.04	-26.45	-87.13
	C · C .13	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-481.93	-1247.25	-15.89	-301.23	-204.43	-611.66	-11.67	-85.05	24.88	-36.68
	C · C .14	25.75	-12.94	11.61	-3.45	-5.68	-10.19	-400.01	-935.26	-14.67	-319.36	-129.88	-443.09	-10.82	-66.96	18.30	-38.13
	C · C .15	25.75	-12.94	11.61	-3.45	-5.68	-10.19	273.32	-1397.94	60.33	-293.94	-92.18	-405.63	8.12	-29.34	14.41	-29.07
	C · C .16	25.75	-12.94	11.61	-3.45	-5.68	-10.19	355.24	-1256.51	61.55	-312.08	-17.63	-242.36	8.96	-25.55	7.83	-29.53
4	C · C .1	242.06	-127.76	46.17	-32.22	47.88	-40.40	-792.63	-2120.67	-21.28	-424.88	-284.95	-284.95	3.62	-74.33	-9.35	-16.63
	C · C .2	229.61	-105.29	44.31	-29.95	37.97	-28.45	-835.65	-2084.08	-43.29	-388.06	-248.82	-248.82	9.54	-71.15	-8.53	-13.90
	C · C .3	335.44	-77.03	54.89	-16.68	-61.50	-137.67	-890.86	-1975.24	-205.30	-320.59	73.70	-166.27	44.74	-65.32	-8.83	-17.63
	C · C .4	370.74	-91.48	60.19	-14.41	-71.41	-154.58	-933.88	-1967.73	-227.30	-326.87	109.84	-161.48	50.66	-70.69	-8.01	-27.71
	C · C .5	151.10	-472.05	31.91	-66.26	75.67	-100.45	-367.68	-1533.33	70.46	-500.59	-338.98	-338.98	-37.46	-102.95	-1.26	-19.16
	C · C .6	136.66	-436.74	30.04	-60.96	65.76	-88.11	-410.70	-1513.78	48.45	-471.90	-302.84	-302.84	-31.54	-88.52	-0.44	-16.43
	C · C .7	46.13	-155.96	6.12	-42.25	-33.71	-64.12	-465.90	-1376.02	-113.56	-276.24	19.68	-173.76	3.67	-51.67	-0.73	-21.53
	C · C .8	45.07	-168.41	10.63	-39.09	-43.62	-80.40	-508.92	-1356.47	-135.57	-247.55	55.82	-168.97	9.59	-52.65	0.08	-25.85
	C · C .9	568.32	-742.54	95.12	-106.84	190.08	-134.26	-508.19	-1752.60	236.32	-898.40	-740.03	-740.03	-61.64	-156.85	-7.53	-43.06
	C · C .10	543.66	-672.59	91.42	-96.34	170.45	-110.59	-593.43	-1697.73	192.71	-825.46	-668.43	-668.43	-49.91	-128.26	-5.91	-37.64

	C · C .1 1	539.80	-856.31	90.84	-123.91	198.42	-158.02	-380.71	-1731.85	263.84	-847.23	-756.23	-756.23	-73.97	-186.01	-5.10	-43.82
	C · C .1 2	515.13	-786.35	87.14	-113.41	178.78	-133.57	-465.95	-1693.10	220.23	-774.29	-684.64	-684.64	-62.24	-157.42	-3.48	-38.40
	C · C .1 3	685.05	-441.48	107.34	-56.38	-174.52	-359.84	-835.61	-1749.30	-377.08	-954.14	455.50	-333.73	75.44	-87.26	-5.78	-102.18
	C · C .1 4	755.00	-466.15	117.84	-60.08	-194.16	-393.34	-920.85	-1996.36	-420.69	-1185.67	527.10	-422.91	87.17	-97.90	-4.17	-122.15
	C · C .1 5	571.29	-470.00	90.27	-60.66	-166.19	-337.58	-708.12	-1440.44	-349.56	-994.60	439.29	-389.55	63.12	-83.40	-3.36	-100.13
	C · C .1 6	641.24	-494.67	100.77	-64.36	-185.82	-371.57	-793.36	-1647.85	-393.17	-1226.13	510.89	-478.74	74.85	-96.36	-1.74	-120.10
5	C · C .1	38.03	-41.66	23.94	-25.36	24.98	-16.97	-274.98	-737.50	-56.14	-298.84	31.86	-386.84	1.52	-24.25	11.24	-44.05
	C · C .2	38.03	-41.66	23.94	-25.36	24.98	-16.97	-228.45	-712.14	-31.44	-255.28	45.91	-371.67	-2.10	-23.26	10.41	-38.62
	C · C .3	38.03	-41.66	23.94	-25.36	24.98	-16.97	85.18	-739.36	115.66	-301.26	160.91	-237.25	-33.13	-33.13	8.29	-19.89
	C · C .4	38.03	-41.66	23.94	-25.36	24.98	-16.97	131.71	-825.23	140.36	-478.09	174.96	-238.93	-36.75	-36.75	7.47	-25.97
	C · C .5	38.03	-41.66	23.94	-25.36	24.98	-16.97	-486.38	-851.43	-238.26	-417.33	-220.14	-464.23	35.07	-15.39	-2.19	-44.18
	C · C .6	38.03	-41.66	23.94	-25.36	24.98	-16.97	-439.85	-855.84	-213.56	-372.89	-206.09	-431.24	31.45	-11.81	-3.01	-38.66
	C · C .7	38.03	-41.66	23.94	-25.36	24.98	-16.97	-126.22	-864.51	-66.46	-726.17	-91.10	-276.68	0.42	-6.74	-5.13	-8.55
	C · C .8	38.03	-41.66	23.94	-25.36	24.98	-16.97	-79.69	-868.93	-41.76	-844.46	-77.05	-328.99	-3.20	-12.21	-5.95	-14.63
	C · C .9	38.03	-41.66	23.94	-25.36	24.98	-16.97	-791.98	-1170.85	-332.43	-694.03	-213.79	-720.09	55.47	-45.67	10.38	-100.68
	C · C .10	38.03	-41.66	23.94	-25.36	24.98	-16.97	-699.79	-1030.93	-283.49	-605.96	-185.95	-657.75	48.30	-39.49	8.75	-85.00
	C · C .11	38.03	-41.66	23.94	-25.36	24.98	-16.97	-855.40	-1254.87	-387.07	-758.72	-289.39	-715.98	65.54	-44.80	6.35	-93.12
	C · C .12	38.03	-41.66	23.94	-25.36	24.98	-16.97	-763.21	-1114.96	-338.13	-670.65	-261.55	-653.63	58.36	-38.61	4.72	-82.36
	C · C .13	38.03	-41.66	23.94	-25.36	24.98	-16.97	408.54	-1425.08	240.23	-1851.86	216.36	-522.76	-60.04	-64.79	0.56	-66.66
	C · C .14	38.03	-41.66	23.94	-25.36	24.98	-16.97	500.73	-1595.22	289.17	-2231.83	244.20	-626.40	-67.22	-73.96	-1.07	-78.71
	C · C .15	38.03	-41.66	23.94	-25.36	24.98	-16.97	345.12	-1410.10	185.59	-1851.67	140.76	-567.81	-49.98	-58.58	-3.47	-63.26
	C · C .16	38.03	-41.66	23.94	-25.36	24.98	-16.97	437.31	-1580.24	234.53	-2231.64	168.60	-671.45	-57.15	-67.75	-5.10	-75.31

6	C	397.50	-378.51	62.26	-59.93	2.76	-72.70	-527.10	-2762.65	-199.19	-824.84	-58.03	-631.56	-10.48	-65.59	12.72	-35.27
	.C																
	.1																
	C	394.43	-278.64	59.48	-44.94	2.64	-54.80	-503.30	-2740.84	-184.61	-625.33	-86.87	-579.68	-7.69	-60.23	11.96	-32.23
	.C																
	.2																
	C	347.68	-148.14	49.08	-34.51	0.32	-94.06	-340.59	-2794.44	-105.43	-775.56	-234.02	-597.48	7.04	-50.95	7.14	-94.22
	.C																
	.3																
	C	447.54	-209.70	64.07	-40.93	0.19	-129.48	-316.79	-2772.63	-90.85	-932.52	-262.86	-647.93	9.84	-51.57	6.38	-111.75
	.C																
	.4																
	C	211.86	-630.61	41.62	-97.79	-8.02	-104.19	-485.23	-3180.57	-169.05	-876.54	-33.19	-675.20	-16.02	-80.92	7.91	-33.05
	.C																
	.5																
	C	150.30	-530.74	33.62	-82.79	-8.15	-76.42	-461.43	-3158.76	-154.48	-677.03	-62.03	-623.32	-13.22	-75.56	7.15	-29.53
	.C																
	.6																
	C	96.89	-209.78	11.23	-31.18	-10.47	-47.17	-298.72	-3212.36	-75.29	-695.07	-209.18	-586.29	1.51	-61.02	2.33	-64.55
	.C																
	.7																
	C	195.44	-264.29	26.22	-38.45	-10.60	-52.50	-274.92	-3190.55	-60.72	-852.03	-238.03	-636.74	4.31	-61.64	1.57	-82.09
	.C																
	.8																
	C	713.45	-1362.96	125.49	-207.72	1.91	-293.96	-741.71	-2882.54	-305.18	-2425.80	170.14	-1191.81	-34.24	-124.89	17.92	-64.32
	.C																
	.9																
	C	605.44	-1165.08	109.65	-178.01	1.65	-238.94	-694.57	-2839.33	-276.30	-2030.49	113.00	-1089.02	-28.71	-114.27	16.41	-58.31
	.C																
	.10																
	C	693.43	-1438.59	121.20	-219.08	-1.32	-306.75	-729.15	-3007.92	-296.14	-2441.31	177.59	-1204.91	-35.90	-129.49	16.47	-59.90
	.C																
	.11																
	C	585.42	-1240.71	105.36	-189.37	-1.58	-251.73	-682.01	-2964.71	-267.26	-2046.00	120.45	-1102.11	-30.37	-118.86	14.97	-53.78
	.C																
	.12																
	C	1057.65	-599.02	155.65	-80.34	-6.25	-361.78	-120.02	-2988.49	7.36	-1893.75	-416.50	-966.36	24.19	-60.08	-0.68	-203.54
	.C																
	.13																
	C	1255.53	-707.03	185.36	-98.62	-6.51	-431.97	-72.87	-2945.28	36.24	-2204.76	-473.65	-1066.32	29.72	-71.76	-2.19	-238.28
	.C																
	.14																
	C	982.02	-619.03	144.30	-83.69	-9.49	-337.78	-107.45	-3113.87	16.40	-1869.60	-409.05	-963.00	22.53	-61.90	-2.13	-194.64
	.C																
	.15																
	C	1179.90	-727.05	174.00	-98.87	-9.75	-407.97	-60.31	-3070.66	45.28	-2180.61	-466.20	-1062.97	28.06	-68.52	-3.63	-229.38
	.C																
7	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1395.45	-3089.44	-176.02	-1609.48	123.81	-1052.68	-23.57	-151.56	-9.78	-36.54
	.C																
	.1																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1420.60	-3144.70	-215.35	-1558.01	64.22	-1042.96	-22.94	-147.94	-8.63	-35.09
	.C																
	.2																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1557.34	-3367.87	-436.88	-1172.21	-324.80	-969.01	-19.72	-160.38	-2.09	-108.65
	.C																
	.3																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1582.49	-3423.13	-476.22	-1342.97	-384.39	-1119.31	-19.09	-173.54	-0.94	-129.00
	.C																
	.4																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1406.52	-2825.82	-111.26	-1261.92	59.34	-835.43	-22.03	-130.83	-9.91	-30.67
	.C																
	.5																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1431.67	-2881.08	-150.60	-1210.45	-0.25	-825.71	-21.40	-127.21	-8.76	-29.21
	.C																
	.6																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1568.41	-3104.24	-372.12	-1018.04	-389.27	-836.77	-18.18	-123.86	-2.22	-74.22
	.C																
	.7																
	C	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1593.56	-3159.51	-411.46	-1202.87	-448.86	-987.07	-17.55	-137.02	-1.07	-94.57
	.C																

C .8																	
C .9	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1198.10	-3309.15	170.29	-2031.60	653.88	-1142.80	-27.83	-182.52	-19.35	-87.95	
C .10	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1247.94	-3178.49	92.35	-1921.25	535.80	-1123.53	-26.57	-175.36	-17.07	-68.57	
C .11	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1201.43	-3250.14	189.72	-2018.44	634.54	-1077.62	-27.37	-184.06	-19.39	-91.91	
C .12	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1251.26	-3119.48	111.77	-1816.99	516.46	-1058.36	-26.11	-169.14	-17.11	-72.54	
C .13	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1737.75	-3573.31	-699.25	-2441.78	-841.51	-1995.22	-15.01	-236.26	6.26	-235.55	
C .14	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1787.58	-3682.81	-777.20	-2808.00	-959.59	-2293.03	-13.75	-262.35	8.54	-275.87	
C .15	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1741.07	-3494.22	-679.82	-2399.75	-860.85	-1955.54	-14.54	-225.30	6.22	-225.22	
C .16	38.52	-39.12	5.98	-27.75	1.87	-16.07	-1790.90	-3603.72	-757.77	-2765.97	-978.93	-2253.36	-13.29	-251.39	8.50	-265.54	

4.2.10 Tensioni sul Terreno - PGA SLV = 0.2340 g.

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

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

Tabella 11.I

Tensioni Terreno Aste					
Asta	Imp.	Fili	Comb	X [cm]	σ [daN/cm ²]
1	Fondazione	1-2	COMB 1	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		1-2	COMB 2	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		1-2	COMB 3	0.00	0.26874
				32.50	0.29335
				65.00	0.31827
		1-2	COMB 4	0.00	0.42001
				32.50	0.43217
				65.00	0.44443
		1-2	COMB 5	0.00	0.26401
				32.50	0.22021
				65.00	0.17576
		1-2	COMB 6	0.00	0.41528
				32.50	0.35902
				65.00	0.30192
		1-2	COMB 7	0.00	1.60248
				32.50	1.46111
				65.00	1.31735
		1-2	COMB 8	0.00	1.75375
				32.50	1.59992
				65.00	1.44351
		1-2	COMB 9	0.00	0.00000

				32.50	0.00000
				65.00	0.00000
		1-2	COMB 10	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		1-2	COMB 11	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		1-2	COMB 12	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		1-2	COMB 13	0.00	2.22287
				32.50	2.08166
				65.00	1.93789
		1-2	COMB 14	0.00	2.52260
				32.50	2.35672
				65.00	2.18787
		1-2	COMB 15	0.00	2.62299
				32.50	2.43199
				65.00	2.23761
		1-2	COMB 16	0.00	2.92272
				32.50	2.70704
				65.00	2.48759
2	Fondazione	2-3	COMB 1	0.00	0.00000
				110.00	0.14444
				220.00	0.38719
		2-3	COMB 2	0.00	0.00000
				110.00	0.15153
				220.00	0.36222
		2-3	COMB 3	0.00	0.31279
				110.00	0.21651
				220.00	0.16796
		2-3	COMB 4	0.00	0.35443
				110.00	0.22359
				220.00	0.14299
		2-3	COMB 5	0.00	0.26577
				110.00	0.38946
				220.00	0.56403
		2-3	COMB 6	0.00	0.30740
				110.00	0.39654
				220.00	0.53906
		2-3	COMB 7	0.00	0.64249
				110.00	0.46152
				220.00	0.34480
		2-3	COMB 8	0.00	0.68412
				110.00	0.46861
				220.00	0.31984
		2-3	COMB 9	0.00	0.00000
				110.00	0.14264
				220.00	0.71710
		2-3	COMB 10	0.00	0.00000
				110.00	0.15668
				220.00	0.66763
		2-3	COMB 11	0.00	0.00000
				110.00	0.21615
				220.00	0.77015
		2-3	COMB 12	0.00	0.00000
				110.00	0.23019
				220.00	0.72068
		2-3	COMB 13	0.00	0.84727
				110.00	0.38286
				220.00	0.00000
		2-3	COMB 14	0.00	0.92976
				110.00	0.39690
				220.00	0.00000
		2-3	COMB 15	0.00	0.94618
				110.00	0.45637
				220.00	0.03940
		2-3	COMB 16	0.00	1.02867
				110.00	0.47040
				220.00	0.00000
3	Fondazione	2-6	COMB 1	0.00	0.00000
				225.00	0.03878

				450.00	0.43298
		2-6	COMB 2	0.00	0.00000
				225.00	0.06992
				450.00	0.46432
		2-6	COMB 3	0.00	0.31516
				225.00	0.37004
				450.00	0.82797
		2-6	COMB 4	0.00	0.39338
				225.00	0.40118
				450.00	0.85931
		2-6	COMB 5	0.00	0.22681
				225.00	0.13426
				450.00	0.00000
		2-6	COMB 6	0.00	0.30503
				225.00	0.16540
				450.00	0.02020
		2-6	COMB 7	0.00	0.93459
				225.00	0.46552
				450.00	0.38385
		2-6	COMB 8	0.00	1.01281
				225.00	0.49666
				450.00	0.41519
		2-6	COMB 9	0.00	0.00000
				225.00	0.00000
				450.00	0.00000
		2-6	COMB 10	0.00	0.00000
				225.00	0.00000
				450.00	0.00000
		2-6	COMB 11	0.00	0.00000
				225.00	0.00000
				450.00	0.00000
		2-6	COMB 12	0.00	0.00000
				225.00	0.00000
				450.00	0.00000
		2-6	COMB 13	0.00	1.31933
				225.00	0.77465
				450.00	1.11797
		2-6	COMB 14	0.00	1.47432
				225.00	0.83635
				450.00	1.18006
		2-6	COMB 15	0.00	1.50516
				225.00	0.80329
				450.00	0.98473
		2-6	COMB 16	0.00	1.66014
				225.00	0.86500
				450.00	1.04682
4	Fondazione	4-3	COMB 1	0.00	0.46541
				32.50	0.46048
				65.00	0.45556
		4-3	COMB 2	0.00	0.37737
				32.50	0.37856
				65.00	0.37990
		4-3	COMB 3	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		4-3	COMB 4	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		4-3	COMB 5	0.00	1.14071
				32.50	1.06699
				65.00	0.99144
		4-3	COMB 6	0.00	1.05268
				32.50	0.98507
				65.00	0.91578
		4-3	COMB 7	0.00	0.38490
				32.50	0.35641
				65.00	0.32712
		4-3	COMB 8	0.00	0.29687
				32.50	0.27450
				65.00	0.25146
		4-3	COMB 9	0.00	1.62674
				32.50	1.54196
				65.00	1.45529

		4-3	COMB 10	0.00	1.45231
				32.50	1.37965
				65.00	1.30537
		4-3	COMB 11	0.00	1.82933
				32.50	1.72391
				65.00	1.61605
		4-3	COMB 12	0.00	1.65490
				32.50	1.56160
				65.00	1.46614
		4-3	COMB 13	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		4-3	COMB 14	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		4-3	COMB 15	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
		4-3	COMB 16	0.00	0.00000
				32.50	0.00000
				65.00	0.00000
5	Fondazione	3-5	COMB 1	0.00	0.38923
				225.00	0.35704
				450.00	0.62605
		3-5	COMB 2	0.00	0.36275
				225.00	0.33971
				450.00	0.60162
		3-5	COMB 3	0.00	0.15672
				225.00	0.19537
				450.00	0.36955
		3-5	COMB 4	0.00	0.13024
				225.00	0.17804
				450.00	0.34512
		3-5	COMB 5	0.00	0.57679
				225.00	0.50399
				450.00	0.71035
		3-5	COMB 6	0.00	0.55031
				225.00	0.48666
				450.00	0.68591
		3-5	COMB 7	0.00	0.34428
				225.00	0.34232
				450.00	0.45385
		3-5	COMB 8	0.00	0.31779
				225.00	0.32499
				450.00	0.42941
		3-5	COMB 9	0.00	0.73913
				225.00	0.60559
				450.00	0.96680
		3-5	COMB 10	0.00	0.68666
				225.00	0.57125
				450.00	0.91838
		3-5	COMB 11	0.00	0.79540
				225.00	0.64967
				450.00	0.99209
		3-5	COMB 12	0.00	0.74293
				225.00	0.61534
				450.00	0.94367
		3-5	COMB 13	0.00	0.00000
				225.00	0.06669
				450.00	0.11179
		3-5	COMB 14	0.00	0.00000
				225.00	0.03236
				450.00	0.06338
		3-5	COMB 15	0.00	0.02036
				225.00	0.11078
				450.00	0.13708
		3-5	COMB 16	0.00	0.00000
				225.00	0.07644
				450.00	0.08867
6	Fondazione	5-7	COMB 1	0.00	0.77494
				50.00	0.64708
				100.00	0.54952
		5-7	COMB 2	0.00	0.71351

				50.00	0.60930
				100.00	0.53545
		5-7	COMB 3	0.00	0.13002
				50.00	0.30335
				100.00	0.48737
		5-7	COMB 4	0.00	0.06859
				50.00	0.26556
				100.00	0.47330
		5-7	COMB 5	0.00	0.98688
				50.00	0.72991
				100.00	0.46932
		5-7	COMB 6	0.00	0.92545
				50.00	0.69213
				100.00	0.45525
		5-7	COMB 7	0.00	0.34196
				50.00	0.38617
				100.00	0.40718
		5-7	COMB 8	0.00	0.28053
				50.00	0.34839
				100.00	0.39311
		5-7	COMB 9	0.00	1.63167
				50.00	1.09564
				100.00	0.60085
		5-7	COMB 10	0.00	1.50994
				50.00	1.02077
				100.00	0.57297
		5-7	COMB 11	0.00	1.69525
				50.00	1.12049
				100.00	0.57679
		5-7	COMB 12	0.00	1.57353
				50.00	1.04562
				100.00	0.54892
		5-7	COMB 13	0.00	0.00000
				50.00	0.00000
				100.00	0.39371
		5-7	COMB 14	0.00	0.00000
				50.00	0.00000
				100.00	0.36583
		5-7	COMB 15	0.00	0.00000
				50.00	0.00000
				100.00	0.36965
		5-7	COMB 16	0.00	0.00000
				50.00	0.00000
				100.00	0.34177
7	Fondazione	7-6	COMB 1	0.00	0.54863
				60.00	0.48704
				120.00	0.43657
		7-6	COMB 2	0.00	0.53472
				60.00	0.50146
				120.00	0.48054
		7-6	COMB 3	0.00	0.48719
				60.00	0.73022
				120.00	0.99082
		7-6	COMB 4	0.00	0.47328
				60.00	0.74465
				120.00	1.03480
		7-6	COMB 5	0.00	0.46934
				60.00	0.14503
				120.00	0.00000
		7-6	COMB 6	0.00	0.45543
				60.00	0.15946
				120.00	0.00000
		7-6	COMB 7	0.00	0.40791
				60.00	0.38821
				120.00	0.36763
		7-6	COMB 8	0.00	0.39400
				60.00	0.40264
				120.00	0.41160
		7-6	COMB 9	0.00	0.59938
				60.00	0.07654
				120.00	0.00000
		7-6	COMB 10	0.00	0.57182
				60.00	0.10513

				120.00	0.00000
		7-6	COMB 11	0.00	0.57560
				60.00	0.00000
				120.00	0.00000
		7-6	COMB 12	0.00	0.54803
				60.00	0.00252
				120.00	0.00000
		7-6	COMB 13	0.00	0.39459
				60.00	0.88715
				120.00	1.39776
		7-6	COMB 14	0.00	0.36703
				60.00	0.91574
				120.00	1.48489
		7-6	COMB 15	0.00	0.37080
				60.00	0.78455
				120.00	1.21080
		7-6	COMB 16	0.00	0.34324
				60.00	0.81314
				120.00	1.29793
8	Fondazione	6-10	COMB 1	0.00	0.43843
				36.25	0.39235
				72.50	0.34647
		6-10	COMB 2	0.00	0.48898
				36.25	0.46384
				72.50	0.43865
		6-10	COMB 3	0.00	1.07551
				36.25	1.25529
				72.50	1.43228
		6-10	COMB 4	0.00	1.12605
				36.25	1.32678
				72.50	1.52445
		6-10	COMB 5	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		6-10	COMB 6	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		6-10	COMB 7	0.00	0.35919
				36.25	0.35963
				72.50	0.35899
		6-10	COMB 8	0.00	0.40973
				36.25	0.43111
				72.50	0.45116
		6-10	COMB 9	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		6-10	COMB 10	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		6-10	COMB 11	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		6-10	COMB 12	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		6-10	COMB 13	0.00	1.54325
				36.25	1.91350
				72.50	2.27817
		6-10	COMB 14	0.00	1.64340
				36.25	2.05515
				72.50	2.46080
		6-10	COMB 15	0.00	1.32835
				36.25	1.64480
				72.50	1.95618
		6-10	COMB 16	0.00	1.42850
				36.25	1.78645
				72.50	2.13882
9	Fondazione	7-14	COMB 1	0.00	0.52374
				92.50	0.48326
				185.00	0.46406
		7-14	COMB 2	0.00	0.51431
				92.50	0.49511
				185.00	0.50265

		7-14	COMB 3	0.00	0.48208
				92.50	0.52466
				185.00	0.62273
		7-14	COMB 4	0.00	0.47265
				92.50	0.53652
				185.00	0.66131
		7-14	COMB 5	0.00	0.46998
				92.50	0.21811
				185.00	0.00000
		7-14	COMB 6	0.00	0.46054
				92.50	0.22997
				185.00	0.00000
		7-14	COMB 7	0.00	0.42831
				92.50	0.25952
				185.00	0.00000
		7-14	COMB 8	0.00	0.41888
				92.50	0.27138
				185.00	0.02449
		7-14	COMB 9	0.00	0.55816
				92.50	0.33633
				185.00	0.03714
		7-14	COMB 10	0.00	0.53947
				92.50	0.35982
				185.00	0.11359
		7-14	COMB 11	0.00	0.54203
				92.50	0.25678
				185.00	0.00000
		7-14	COMB 12	0.00	0.52334
				92.50	0.28028
				185.00	0.00000
		7-14	COMB 13	0.00	0.41928
				92.50	0.47435
				185.00	0.56601
		7-14	COMB 14	0.00	0.40059
				92.50	0.49785
				185.00	0.64246
		7-14	COMB 15	0.00	0.40315
				92.50	0.39481
				185.00	0.37497
		7-14	COMB 16	0.00	0.38446
				92.50	0.41831
				185.00	0.45141
10	Fondazione	9-8	COMB 1	0.00	1.14956
				36.25	1.05732
				72.50	0.96249
		9-8	COMB 2	0.00	1.02035
				36.25	0.94491
				72.50	0.86721
		9-8	COMB 3	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		9-8	COMB 4	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		9-8	COMB 5	0.00	1.62575
				36.25	1.46819
				72.50	1.30736
		9-8	COMB 6	0.00	1.49654
				36.25	1.35578
				72.50	1.21209
		9-8	COMB 7	0.00	0.13924
				36.25	0.19014
				72.50	0.24156
		9-8	COMB 8	0.00	0.01003
				36.25	0.07773
				72.50	0.14629
		9-8	COMB 9	0.00	3.11390
				36.25	2.74735
				72.50	2.37339
		9-8	COMB 10	0.00	2.85788
				36.25	2.52461
				72.50	2.18461
		9-8	COMB 11	0.00	3.25676 *

				36.25	2.87061
				72.50	2.47685
		9-8	COMB 12	0.00	3.00074
				36.25	2.64788
				72.50	2.28807
		9-8	COMB 13	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		9-8	COMB 14	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		9-8	COMB 15	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
		9-8	COMB 16	0.00	0.00000
				36.25	0.00000
				72.50	0.00000
11	Fondazione	8-11	COMB 1	0.00	0.65437
				93.18	0.59514
				186.36	0.56008
		8-11	COMB 2	0.00	0.63103
				93.18	0.57648
				186.36	0.54544
		8-11	COMB 3	0.00	0.39325
				93.18	0.41060
				186.36	0.43764
		8-11	COMB 4	0.00	0.36991
				93.18	0.39193
				186.36	0.42301
		8-11	COMB 5	0.00	0.73887
				93.18	0.44970
				186.36	0.18197
		8-11	COMB 6	0.00	0.71552
				93.18	0.43103
				186.36	0.16734
		8-11	COMB 7	0.00	0.47774
				93.18	0.26515
				186.36	0.05953
		8-11	COMB 8	0.00	0.45440
				93.18	0.24649
				186.36	0.04490
		8-11	COMB 9	0.00	1.00004
				93.18	0.76870
				186.36	0.57777
		8-11	COMB 10	0.00	0.95379
				93.18	0.73171
				186.36	0.54877
		8-11	COMB 11	0.00	1.02539
				93.18	0.72507
				186.36	0.46434
		8-11	COMB 12	0.00	0.97914
				93.18	0.68808
				186.36	0.43534
		8-11	COMB 13	0.00	0.12964
				93.18	0.15355
				186.36	0.16964
		8-11	COMB 14	0.00	0.08338
				93.18	0.11656
				186.36	0.14064
		8-11	COMB 15	0.00	0.15498
				93.18	0.10992
				186.36	0.05621
		8-11	COMB 16	0.00	0.10873
				93.18	0.07293
				186.36	0.02721
12	Fondazione	12-11	COMB 1	0.00	1.64996
				25.00	1.50236
				50.00	1.35387
		12-11	COMB 2	0.00	1.53896
				25.00	1.41695
				50.00	1.29414
		12-11	COMB 3	0.00	0.83533
				25.00	0.84478

				50.00	0.85412
		12-11	COMB 4	0.00	0.72433
				25.00	0.75938
				50.00	0.79439
		12-11	COMB 5	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 6	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 7	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 8	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 9	0.00	2.05175
				25.00	1.73970
				50.00	1.42607
		12-11	COMB 10	0.00	1.83181
				25.00	1.57047
				50.00	1.30772
		12-11	COMB 11	0.00	1.53482
				25.00	1.24963
				50.00	0.96308
		12-11	COMB 12	0.00	1.31489
				25.00	1.08040
				50.00	0.84474
		12-11	COMB 13	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 14	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 15	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		12-11	COMB 16	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
13	Fondazione	11-14	COMB 1	0.00	1.35387
				30.00	1.17263
				60.00	0.98862
		11-14	COMB 2	0.00	1.29414
				30.00	1.14405
				60.00	0.99144
		11-14	COMB 3	0.00	0.85412
				30.00	0.86431
				60.00	0.87303
		11-14	COMB 4	0.00	0.79439
				30.00	0.83573
				60.00	0.87584
		11-14	COMB 5	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 6	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 7	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 8	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 9	0.00	1.42607
				30.00	1.04523
				60.00	0.66123
		11-14	COMB 10	0.00	1.30772
				30.00	0.98860
				60.00	0.66681
		11-14	COMB 11	0.00	0.96308
				30.00	0.61569
				60.00	0.26619

		11-14	COMB 12	0.00	0.84474
				30.00	0.55906
				60.00	0.27177
		11-14	COMB 13	0.00	0.00000
				30.00	0.01751
				60.00	0.27590
		11-14	COMB 14	0.00	0.00000
				30.00	0.00000
				60.00	0.28149
		11-14	COMB 15	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 16	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
14	Fondazione	11-14	COMB 1	0.00	0.98862
				30.00	0.80274
				60.00	0.61680
		11-14	COMB 2	0.00	0.99144
				30.00	0.83696
				60.00	0.68219
		11-14	COMB 3	0.00	0.87303
				30.00	0.87995
				60.00	0.88572
		11-14	COMB 4	0.00	0.87584
				30.00	0.91416
				60.00	0.95111
		11-14	COMB 5	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 6	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 7	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 8	0.00	0.00000
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 9	0.00	0.66123
				30.00	0.27636
				60.00	0.00000
		11-14	COMB 10	0.00	0.66681
				30.00	0.34415
				60.00	0.02277
		11-14	COMB 11	0.00	0.26619
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 12	0.00	0.27177
				30.00	0.00000
				60.00	0.00000
		11-14	COMB 13	0.00	0.27590
				30.00	0.53372
				60.00	0.78959
		11-14	COMB 14	0.00	0.28149
				30.00	0.60151
				60.00	0.91916
		11-14	COMB 15	0.00	0.00000
				30.00	0.17413
				60.00	0.46578
		11-14	COMB 16	0.00	0.00000
				30.00	0.24193
				60.00	0.59535
15	Fondazione	14-13	COMB 1	0.00	0.61680
				25.00	0.46232
				50.00	0.30796
		14-13	COMB 2	0.00	0.68219
				25.00	0.55343
				50.00	0.42471
		14-13	COMB 3	0.00	0.88572
				25.00	0.88955
				50.00	0.89284
		14-13	COMB 4	0.00	0.95111

				25.00	0.98066
				50.00	1.00958
		14-13	COMB 5	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		14-13	COMB 6	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		14-13	COMB 7	0.00	0.00000
				25.00	0.00000
				50.00	0.01369
		14-13	COMB 8	0.00	0.00000
				25.00	0.00120
				50.00	0.13043
		14-13	COMB 9	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		14-13	COMB 10	0.00	0.02277
				25.00	0.00000
				50.00	0.00000
		14-13	COMB 11	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		14-13	COMB 12	0.00	0.00000
				25.00	0.00000
				50.00	0.00000
		14-13	COMB 13	0.00	0.78959
				25.00	1.00046
				50.00	1.21020
		14-13	COMB 14	0.00	0.91916
				25.00	1.18100
				50.00	1.44152
		14-13	COMB 15	0.00	0.46578
				25.00	0.70662
				50.00	0.94645
		14-13	COMB 16	0.00	0.59535
				25.00	0.88716
				50.00	1.17778

* valore massimo.

4.2.11 Verifiche Nodi.

4.2.11.1 Verifiche SLV - Verifica Nodo. - PGA SLV = 0.2340 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 12.I

tabella 12.1

				Direzione X				Direzione Y					
Nodo	Imp.	Filo	Tipo Ver.	CC	σ_{Nt} [daN/cm ²]]	σ_{Nc} [daN/cm ²]]	S	CC	σ_{Nt} [daN/cm ²]]	σ_{Nc} [daN/cm ²]]	S	Esito	
1	Fondazio ne	2		CONFINATO									
2	Fondazio ne	3		CONFINATO									
3	Fondazio ne	6		CONFINATO									

2	3	17,28	Piano 2	2	Testa	18.8	20068	1330	0	20068	6234	0	4.69	V
						18.8	20068	0	-1184	20068	0	-6231	5.26	V
					Piede	18.8	15686	-1475	0	15686	-6707	0	4.55	V
						18.8	194	0	2920	195	0	8418	2.88	V
3	6	18,29 41	Piano 3	1	Testa	25.1	-14837	14314	0	-14837	18086	0	1.26	V
						25.1	-11396	0	-1649	-11396	0	-12541	7.61	V
					Piede	25.1	-4761	-1366	0	-4760	-17224	0	12.61	V
						25.1	-2064	0	2025	-2063	0	11534	5.70	V
4	8	19	Piano 1	1	Testa	25.1	-11797	-624	0	-11797	-17828	0	28.56	V
						25.1	18909	0	1801	18908	0	9230	5.13	V
					Piede	25.1	-27978	5118	0	-27978	19163	0	3.74	V
						25.1	18757	0	1646	18756	0	9247	5.62	V
5	8	30	Piano 2	1	Testa	25.1	5888	-12192	0	5889	-16297	0	1.34	V
						25.1	4621	0	-2294	4621	0	-10805	4.71	V
					Piede	25.1	2085	-583	0	2085	-16629	0	28.54	V
						25.1	2085	0	2949	2084	0	11083	3.76	V
6	8	42	Piano 3	1	Testa	25.1	10020	12024	0	10019	15935	0	1.33	V
						25.1	-21774	0	-5545	-21775	0	-13638	2.46	V
					Piede	25.1	8448	-14937	0	8449	-16073	0	1.08	V
						25.1	8448	0	-4941	8448	0	-10385	2.10	V

4.2.12.1.2 Verifiche Taglio - PGA SLV = 0.2340 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;
 Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Tagli Resistenti:

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

Tabella 14.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	AStaffe [cm²]	cot θ_{XY} [°]	cot θ_{XZ} [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
									Vsdxy [daN]	Vsdxz [daN]	Vrdxy [daN]	Vrdxz [daN]						
1	16,27	Piano 2	2	2	1	1.57	2.50	2.50	597	2992	21021	21021	2	10.00	249.20	35.24	7.03	V
					2	1.57	2.50	2.50	7542	7615	17633	17633	2	20.00	106.80	2.34	2.32	V

2	17,2 8	Piano 2	3	2	1	1.57	2.50	2.50	886	615	20775	20775	2	10.0 0	249. 20	23.4 4	33.7 8	V
					2	1.57	2.50	2.50	8923	4875	17633	17633	2	20.0 0	106. 80	1.98	3.62	V
3	18,2 9,41	Piano 3	6	1	1	1.57	1.70	1.70	5662	21878	23981	36822	2	10.0 0	594. 00	4.24	1.68	V
4	19	Piano 1	8	1	1	1.57	1.70	1.70	3526	12071	23981	38087	2	10.0 0	70.0 0	6.80	3.16	V
5	30	Piano 2	8	1	1	1.57	1.70	1.70	7266	18268	23981	36659	2	10.0 0	68.0 0	3.30	2.01	V
6	42	Piano 3	8	1	1	1.57	1.70	1.70	2295	5932	23981	37982	2	10.0 0	456. 00	10.4 5	6.40	V

4.2.12.1.1.3 Verifiche Taglio in condizioni cicliche - PGA SLV = 0.2340 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;
 Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Tagli Resistenti:

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

ϕ : diametro della staffa;

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

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

D_{Staffe} : interasse tra le staffe;

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

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

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

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

Tabella 15.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	AStaffe [cm ²]	cot θ_{XY} [°]	cot θ_{XZ} [°]	Tagli Sollecitanti		Tagli Resistenti		Nbr	DStaffe [cm]	Ltr [cm]	Sxy	Sxz	Esito
									Vsdx [daN]	Vsdxz [daN]	Vrdxy [daN]	Vrdxz [daN]						
1	16,2 7	Piano 2	2	2	1	1.57	2.50	2.50	597	2992	14853	14853	2	10.0 0	249. 20	24.9 0	4.96	V
					2	1.57	2.50	2.50	7542	7615	9034	9034	2	20.0 0	106. 80	1.20	1.19	V
2	17,2 8	Piano 2	3	2	1	1.57	2.50	2.50	886	615	14738	14738	2	10.0 0	249. 20	16.6 3	23.9 7	NV
					2	1.57	2.50	2.50	8923	4875	8921	8921	2	20.0 0	106. 80	1.00	1.83	NV
3	18,2 9,41	Piano 3	6	1	1	1.57	1.70	1.70	5662	21878	14652	21756	2	10.0 0	594. 00	2.59	0.99	NV
4	19	Piano 1	8	1	1	1.57	1.70	1.70	3526	12071	28417	39346	2	10.0 0	70.0 0	8.06	3.26	V
5	30	Piano 2	8	1	1	1.57	1.70	1.70	7266	18268	26027	35706	2	10.0 0	68.0 0	3.58	1.95	V
6	42	Piano 3	8	1	1	1.57	1.70	1.70	2295	5932	15017	22303	2	10.0 0	456. 00	6.54	3.76	V

4.2.12.2 Travi di Elevazione.

4.2.12.2.1 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.

4.2.12.2.1.1 Verifiche a Flessione Composta - PGA SLV = 0.2340 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;
 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 16.I

Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	A _{sup} [cm²]	A _{inf} [cm²]	A _{fl} [cm²]	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]		
1	20	Piano 2	2-19	5	0.00	2.26	2.26	4.52	9	0	-279	-	0	-1382	-	4.95	V
					39.38	2.26	2.26	4.52	11	0	722	-	0	1382	-	1.92	V
					78.75	2.26	2.26	4.52	9	0	1387	-	0	1382	-	1.00	NV
2	23	Piano 2	21-2	5	0.00	2.26	2.26	4.52	9	0	339	-	0	1382	-	4.08	V
					7.50	2.26	2.26	4.52	9	0	849	-	0	1382	-	1.63	V
					15.00	2.26	2.26	4.52	16	0	-1393	-	0	-1382	-	0.99	NV
3	24	Piano 2	19-3	5	0.00	2.26	2.26	4.52	9	0	1393	-	0	1382	-	0.99	NV
					31.88	2.26	2.26	4.52	9	0	594	-	0	1382	-	2.33	V
					63.75	2.26	2.26	4.52	11	0	-324	-	0	-1382	-	4.26	V
4	26	Piano 2	3-20	5	0.00	2.26	2.26	4.52	16	0	137	-	0	1382	-	10.13	V
					1.87	2.26	2.26	4.52	14	0	89	-	0	1382	-	15.49	V
					3.75	2.26	2.26	4.52	1	0	89	-	0	1382	-	15.62	V
5	31	Piano 3	7-5	5	0.00	4.02	4.02	8.04	9	0	2246	-	0	2246	-	1.00	NV
					37.50	4.02	4.02	8.04	9	0	857	-	0	2246	-	2.62	V
					75.00	4.02	4.02	8.04	9	0	-949	-	0	-2246	-	2.37	V
6	33	Piano 3	5-8	5	0.00	4.02	4.02	8.04	9	0	-1373	-	0	-2246	-	1.64	V
					7.50	4.02	4.02	8.04	9	0	-1809	-	0	-2246	-	1.24	V
					15.00	4.02	4.02	8.04	9	0	-2246	-	0	-2246	-	1.00	NV
7	34	Piano 3	6-7	5	0.00	4.02	4.02	8.04	14	0	-1485	-	0	-2246	-	1.51	V
					36.56	4.02	4.02	8.04	9	0	485	-	0	2246	-	4.64	V
					73.13	4.02	4.02	8.04	9	0	970	-	0	2246	-	2.31	V
8	37	Piano 3	24-6	5	0.00	4.02	4.02	8.04	9	0	322	-	0	2246	-	6.97	V
					4.69	4.02	4.02	8.04	14	0	521	-	0	2246	-	4.31	V
					9.38	4.02	4.02	8.04	14	0	984	-	0	2246	-	2.28	V
9	38	Piano 3	8-25	5	0.00	4.02	4.02	8.04	16	0	-1693	-	0	-2246	-	1.33	V
					31.88	4.02	4.02	8.04	16	0	-370	-	0	-2246	-	6.07	V
					63.75	4.02	4.02	8.04	16	0	-54	-	0	-2246	-	41.47	V

4.2.12.2.1.2 Verifiche a Taglio - PGA SLV = 0.2340 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 17.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_{rdsy} [daN]	V_{rdxz} [daN]	V_{rdsy} [daN]	V_{rdxz} [daN]	N_{br}	D_{Staffe} [cm]	L_{Tr} [cm]	S_{XY}	S_{XZ}	
1	20	Piano 2	2-19	5	Ini	1.57	0.00	1.80	1.80	771	1829	14078	12963	2	12.0	105	18.26	7.09	V
2	23	Piano 2	21-2	5	Ini	1.57	0.00	1.80	1.80	101	7266	14022	12912	2	12.0	20	138.21	1.78	V
3	24	Piano 2	19-3	5	Ini	1.57	0.00	1.80	1.80	157	2605	14136	13017	2	12.0	85	89.77	5.00	V
4	26	Piano 2	3-20	5	Ini	1.57	0.00	1.80	1.80	399	3668	14024	12914	2	12.0	5	35.19	3.52	V
5	31	Piano 3	7-5	5	Ini	1.57	0.00	1.80	1.80	294	3771	13955	12787	2	12.0	100	47.39	3.39	V
6	33	Piano 3	5-8	5	Ini	1.57	0.00	1.80	1.80	174	5838	13922	12757	2	12.0	20	79.96	2.19	V
7	34	Piano 3	6-7	5	Ini	1.57	0.00	1.80	1.80	647	8658	14044	12869	2	12.0	98	21.71	1.49	V
8	37	Piano 3	24-6	5	Ini	1.57	0.00	1.80	1.80	228	9913	13922	12757	2	12.0	13	61.10	1.29	V
9	38	Piano 3	8-25	5	Ini	1.57	0.00	1.80	1.80	71	4979	13914	12750	2	12.0	85	196.27	2.56	V

4.2.12.2.1.3 Verifiche a Taglio - PGA SLV = 0.2340 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;(solo combinazioni sismiche)
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo;(solo combinazioni sismiche)

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 18.I

						Aree ferro				Tagli Sollecitanti		Tagli Resistenti								
Camp	Asta	Imp.	Fili	Tip o Sez.	Blocco	A _{Staff} e [cm ²]	A _{Sag} [cm ²]	cot θXY [°]	cot θXZ [°]	V _{sdx} [daN]	V _{sdxz} [daN]	V _{rdx} [daN]	V _{rdxz} [daN]	N _{hr}	D _{Staff} e [cm]	L _{Tr} [cm]	S _{XY}	S _{XZ}	Esito	
1	20	Piano 2	2-19	5	Ini	1.57	0.00	1.80	1.80	771	1829	11550	7404	2	12.0	105	14.98	4.05	V	
2	23	Piano 2	21-2	5	Ini	1.57	0.00	1.80	1.80	101	7266	12014	8139	2	12.0	20	118.41	1.12	V	
3	24	Piano 2	19-3	5	Ini	1.57	0.00	1.80	1.80	157	2605	11766	7648	2	12.0	85	74.72	2.94	V	
4	26	Piano 2	3-20	5	Ini	1.57	0.00	1.80	1.80	399	3668	12213	8346	2	12.0	5	30.64	2.28	V	
5	31	Piano 3	7-5	5	Ini	1.57	0.00	1.80	1.80	294	3771	12774	8415	2	12.0	100	43.38	2.23	V	
6	33	Piano 3	5-8	5	Ini	1.57	0.00	1.80	1.80	174	5838	13642	9704	2	12.0	20	78.35	1.66	V	
7	34	Piano 3	6-7	5	Ini	1.57	0.00	1.80	1.80	647	8658	12909	8527	2	12.0	98	19.96	0.98	NV	
8	37	Piano 3	24-6	5	Ini	1.57	0.00	1.80	1.80	228	9913	13760	9850	2	12.0	13	60.39	0.99	NV	
9	38	Piano 3	8-25	5	Ini	1.57	0.00	1.80	1.80	71	4979	12885	8622	2	12.0	85	181.77	1.73	V	

4.2.12.3 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.

4.2.12.3.1 Verifiche a Flessione Composta - PGA SLV = 0.2340 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;
 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 19.I

										Azioni Sollecitanti			Azioni Resistenti			S	Esito
Camp	Asta	Imp.	Fili	Tipo Sez.	X [cm]	A _{sup} [cm ²]	A _{inf} [cm ²]	A _n [cm ²]	CC	N _{sd} [daN]	M _{sdxz} [daNm]	M _{sdxxy} [daNm]	N _{rd} [daN]	M _{rdxz} [daNm]	M _{rdxy} [daNm]	S	Esito
10	1	Fondazione	1-2	3	0.00	6.03	6.03	14.33	16	0	271	-	0	12589	-	46.42	V
					18.75	6.03	6.03	14.33	16	0	1430	-	0	12589	-	8.80	V
					37.50	6.03	6.03	14.33	16	0	3455	-	0	12589	-	3.64	V
11	2	Fondazione	2-3	4	0.00	4.02	4.02	8.04	8	0	1082	-	0	3836	-	3.55	V
					71.25	4.02	4.02	8.04	8	0	-526	-	0	-3836	-	7.29	V
					142.50	4.02	4.02	8.04	6	0	-789	-	0	-3836	-	4.86	V
12	3	Fondazione	2-6	3	0.00	6.03	6.03	14.33	16	0	-9832	-	0	-12589	-	1.28	V
					157.50	6.03	6.03	14.33	16	0	-12630	-	0	-12589	-	1.00	NV
					315.00	6.03	6.03	14.33	14	0	-8739	-	0	-12589	-	1.44	V
13	4	Fondazione	4-3	3	0.00	6.03	6.03	14.33	11	0	190	-	0	12589	-	66.20	V
					18.75	6.03	6.03	14.33	11	0	937	-	0	12589	-	13.43	V
					37.50	6.03	6.03	14.33	11	0	2220	-	0	12589	-	5.67	V
14	5	Fondazione	3-5	3	0.00	6.03	6.03	14.33	11	0	-6427	-	0	-12589	-	1.96	V
					149.06	6.03	6.03	14.33	11	0	-7318	-	0	-12589	-	1.72	V
					298.13	6.03	6.03	14.33	11	0	12630	-	0	12589	-	1.00	NV
15	6	Fondazione	5-7	3	0.00	6.03	6.03	14.33	10	0	-5436	-	0	-12589	-	2.32	V
					17.81	6.03	6.03	14.33	10	0	-9549	-	0	-12589	-	1.32	V
					35.63	6.03	6.03	14.33	10	0	-12602	-	0	-12589	-	1.00	NV

16	7	Fondazio ne	7-6	3	0.00	6.03	6.03	14.33	9	0	-12653	-	0	-12589	-	0.99	NV
					30.94	6.03	6.03	14.33	2	0	-5338	-	0	-12589	-	2.36	V
					61.88	6.03	6.03	14.33	16	0	-9653	-	0	-12589	-	1.30	V
17	8	Fondazio ne	6-10	3	0.00	6.03	6.03	14.33	14	0	3526	-	0	12589	-	3.57	V
					18.75	6.03	6.03	14.33	14	0	1637	-	0	12589	-	7.69	V
					37.50	6.03	6.03	14.33	14	0	413	-	0	12589	-	30.50	V
18	9	Fondazio ne	7-14	4	0.00	4.02	4.02	8.04	9	0	3836	-	0	3836	-	1.00	NV
					41.25	4.02	4.02	8.04	11	0	1178	-	0	3836	-	3.26	V
					82.50	4.02	4.02	8.04	1	0	-2675	-	0	-3836	-	1.43	V
19	10	Fondazio ne	9-8	3	0.00	6.03	6.03	14.33	11	0	465	-	0	12589	-	27.05	V
					18.75	6.03	6.03	14.33	11	0	1992	-	0	12589	-	6.32	V
					37.50	6.03	6.03	14.33	11	0	4455	-	0	12589	-	2.83	V
20	11	Fondazio ne	8-11	4	0.00	4.02	4.02	8.04	10	0	1080	-	0	3836	-	3.55	V
					49.69	4.02	4.02	8.04	10	0	-538	-	0	-3836	-	7.13	V
					99.38	4.02	4.02	8.04	10	0	-602	-	0	-3836	-	6.37	V
21	12	Fondazio ne	12-11	3	0.00	6.03	6.03	14.33	9	0	447	-	0	12589	-	28.14	V
					18.75	6.03	6.03	14.33	9	0	1604	-	0	12589	-	7.85	V
					37.50	6.03	6.03	14.33	9	0	3275	-	0	12589	-	3.84	V
22	13	Fondazio ne	11-14	3	0.00	6.03	6.03	14.33	9	0	3536	-	0	12589	-	3.56	V
					45.00	6.03	6.03	14.33	2	0	1276	-	0	12589	-	9.87	V
					90.00	6.03	6.03	14.33	16	0	2604	-	0	12589	-	4.83	V
23	15	Fondazio ne	14-13	3	0.00	6.03	6.03	14.33	14	0	2589	-	0	12589	-	4.86	V
					18.75	6.03	6.03	14.33	14	0	1330	-	0	12589	-	9.47	V
					37.50	6.03	6.03	14.33	14	0	402	-	0	12589	-	31.32	V

4.2.12.3.2 Verifiche a Taglio - PGA SLV = 0.2340 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 20.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_{Sdxy} [daN]	V_{SdXZ} [daN]	V_{Rdxy} [daN]	V_{RdXZ} [daN]	N_{br}	D_{Staffe} [cm]	L_{Tr} [cm]	S_{XY}	S_{XZ}	
10	1	Fondazi one	1-2	3	Ini	4.52	0.00	2.30	2.30	1176	12509	64767	80189	4	20.0	50	55.09	6.41	V
11	2	Fondazi one	2-3	4	Ini	1.01	0.00	2.50	2.50	465	2211	11462	11462	2	20.0	190	24.65	5.18	V
12	3	Fondazi one	2-6	3	Ini	4.52	0.00	2.30	2.30	9175	19717	64767	81654	4	20.0	420	7.06	4.14	V
13	4	Fondazi one	4-3	3	Ini	4.52	0.00	2.30	2.30	1149	7719	64767	80162	4	20.0	50	56.35	10.39	V
14	5	Fondazi one	3-5	3	Ini	4.52	0.00	2.30	2.30	5434	16594	64767	80458	4	20.0	398	11.92	4.85	V

15	6	Fondazi one	5-7	3	Ini	4.52	0.00	2.30	2.30	6186	18025	64767	83508	4	20.0	48	10.47	4.63	V
16	7	Fondazi one	7-6	3	Ini	4.52	0.00	2.30	2.30	13206	22060	64767	83730	4	20.0	83	4.90	3.80	V
17	8	Fondazi one	6-10	3	Ini	4.52	0.00	2.30	2.30	1911	9775	64767	80563	4	20.0	50	33.89	8.24	V
18	9	Fondazi one	7-14	4	Ini	1.01	0.00	2.50	2.50	2110	4334	11462	11462	2	20.0	110	5.43	2.64	V
19	10	Fondazi one	9-8	3	Ini	4.52	0.00	2.30	2.30	1717	13620	64767	80550	4	20.0	50	37.73	5.91	V
20	11	Fondazi one	8-11	4	Ini	1.01	0.00	2.50	2.50	1206	2700	11462	11462	2	20.0	133	9.51	4.25	V
21	12	Fondazi one	12-11	3	Ini	4.52	0.00	2.30	2.30	1652	7677	64767	80693	4	20.0	50	39.21	10.51	V
22	13	Fondazi one	11-14	3	Ini	4.52	0.00	2.30	2.30	5566	10415	64767	81093	4	20.0	120	11.64	7.79	V
23	15	Fondazi one	14-13	3	Ini	4.52	0.00	2.30	2.30	1567	5024	64767	80693	4	20.0	50	41.34	16.06	V

4.2.13 Verifica Pareti C.A. - PGA SLV = 0.2340 g.

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

- Verifica Pareti Regolari -

Verifiche a Flessione Composta.

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 Maschio : numero identificativo dei maschi murari di ogni parete;
 Dir : X : direzione del piano medio
 Y : direzione ortogonale al piano medio
 ϕ : diametro delle barre di armatura verticale;
 D_{barre} : interasse tra le barre di armatura verticale;
 NSd : sforzo normale sollecitante di calcolo relativo alla combinazione di carico più gravosa;
 MSd : momento sollecitante di calcolo relativo alla combinazione di carico più gravosa;
 NRd : Sforzo Normale resistente di calcolo;
 MRd : momento resistente di calcolo;
 S : Coefficiente di sicurezza;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 21.I

Parete	Imp.	Fili	Maschio	Dir.	Armatura verticale		Caratteristiche di sollecitazione		Valori Resistenti		S	Esito
					ϕ [mm]	D_{barre} [cm]	NSd [daN]	MSd [daNm]	Nrd [daN]	Mrd [daNm]		
1	Piano 1	5, 7	1	X	12	15.0	0	8155	0	26956	3.3	V
				Y			0	-7734	-1	-7710	1.0	NV
3	Piano 1	11, 14	1	X	12	15.0	0	4807	0	41261	8.6	V
				Y			0	2356	0	9873	4.2	V
4	Piano 2	7, 5	1	X	12	15.0	0	-5164	0	-26956	5.2	V
				Y			0	4394	-1	7710	1.8	V

- Verifica Pareti Generiche -

Verifica tensione massima del calcestruzzo (σ_c) e Verifica tensione di taglio.

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 Sp. : spessore della parete;
 σ_c : tensione massima del calcestruzzo

f_{cd} : resistenza massima di calcolo del calcestruzzo
 Esito σ_c : Esito verifica tens. max cls : V = VERIFICATA;
 : NV = NON VERIFICATA;
 τ_{xy} : tensione tangenziale di taglio
 $\tau_{xy,calc}$: tensione tangenziale di taglio di calcolo
 $\tau_{xy,lim}$: tensione tangenziale di taglio limite
 Esito τ_{xy} : Esito verifica tens. di taglio : V = VERIFICATA;
 : NV = NON VERIFICATA;

Devono essere verificate le seguenti espressioni:

$$\sigma_c \leq f_{cd}$$

$$|\tau_{xy}| = \tau_{xy,calc} < \tau_{xy,lim}$$

Tabella 22.I

Parete	Imp.	Fili	Sp.	σ_c [daN/cm ²]	f_{cd} [daN/cm ²]	Esito σ_c	$\tau_{xy,calc}$ [daN/cm ²]	$\tau_{xy,lim}$ [daN/cm ²]	Esito τ_{xy}
2	Piano 1	8, 5	30.0	77.28	141.67	V	0.00	0.00	V
5	Piano 2	5, 8	30.0	25.05	141.67	V	0.00	0.00	V

DATI PROGETTO E VERIFICHE ARMATURE VERTICALE ED ORIZZONTALE (Riferite alle unità di lunghezza)

Unità di Lunghezza = 100 cm

Parete : numero della parete;
 Imp. : numero dell'impalcato al quale appartiene la parete;
 Fili : numero dei fili fissi ai quali appartiene la parete;
 $f_{d,v}$: tensione di trazione nominale di calcolo nella direzione verticale
 Rich. : percentuale di armatura richiesta
 Diam. : diametro armatura
 Int. : interasse armatura
 Disp. : percentuale di armatura disposta
 Max prescr. : Percentuale di armatura massima da prescrizione
 $f_{d,o}$: tensione di trazione nominale di calcolo nella direzione orizzontale

Tabella 22.II

Parete	Imp.	Fili	Armatura verticale								Armatura orizzontale							
			$f_{d,v}$ [daN/cm ²]	Rich.	Min.	Diam. [cm]	Int. [cm]	Disp.	$f_{d,veff.}$ [daN/cm ²]	Max prescr.	$f_{d,o}$ [daN/cm ²]	Rich.	Min.	Diam. [cm]	Int. [cm]	Disp.	$f_{d,oeff.}$ [daN/cm ²]	Max prescr.
2	Piano 1	8,5	78.38	2.00%	2.00%	12	15.0	0.86%	182.19	50.00 %	33.57	0.86%	0.86%	12	15.0	0.75%	38.20	50.00 %
5	Piano 2	5,8	25.65	0.66%	0.66%	12	15.0	0.89%	18.95	50.00 %	12.91	0.33%	0.33%	12	15.0	0.75%	5.65	50.00 %

4.2.14 Verifica Piastre.

4.2.14.1 Dati Generali

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 Sp. : spessore della Piastra;
 Largh. Striscia : Larghezza della striscia unitaria di Piastra rispetto alla quale sono state effettuate le verifiche;
 Lunghezza. Concio : Lunghezza del concio di Piastra rispetto alla quale sono state effettuate le verifiche a taglio;

Tabella 23.I

Piastra	Imp.	Fili	Sp. [cm]	Largh. striscia [cm]	Lungh. concio [cm]
1	Piano 1	15, 16, 8, 11, 14, 7	20	100	100
2	Piano 2	14, 18, 17, 11	20	100	100
3	Piano 2	18, 7, 5, 8, 17	20	100	100
4	Piano 2	8, 7, 19, 3, 20	20	100	100
5	Piano 3	20, 3, 2, 21, 23, 22	20	100	100
6	Piano 3	21, 2, 19, 7, 6, 24	20	100	100
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	20	100	100

Disposizione Armature

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 Dir. : Direzione rispetto alla quale disporre le armature;
 Diam. : diametro delle armature da disporre nella direzione indicata;
 Inter. intrad. : interasse rispetto al quale posizionare le armature all'intradosso nella direzione indicata;
 Inter. estrad. : interasse rispetto al quale posizionare le armature all'estradosso nella direzione indicata;

Tabella 23.II

Piastra	Imp.	Fili	Dir.	Diam. [mm]	Inter. intrad. [cm]	Inter. estrad. [cm]
1	Piano 1	15, 16, 8, 11, 14, 7	X	12	20.0	20.0
			Y	12	20.0	20.0
2	Piano 2	14, 18, 17, 11	X	16	12.0	12.0
			Y	16	12.0	12.0
3	Piano 2	18, 7, 5, 8, 17	X	16	12.0	12.0
			Y	16	12.0	12.0
4	Piano 2	8, 7, 19, 3, 20	X	16	12.0	12.0
			Y	16	12.0	12.0
5	Piano 3	20, 3, 2, 21, 23, 22	X	16	12.0	12.0
			Y	16	12.0	12.0
6	Piano 3	21, 2, 19, 7, 6, 24	X	16	12.0	12.0
			Y	16	12.0	12.0
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	X	16	12.0	12.0
			Y	16	12.0	12.0

4.2.14.2 Verifiche SLV - Flessione.

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 RCrit : regione critica;
 Dir. : direzione attorno alla quale sono valutate le caratteristiche flettenti;
 ϵ_{c2} : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
 ϵ_{cu2} : deformazione ultima di contrazione del calcestruzzo;
 M_{sd} : momento sollecitante;
 ϵ_{Cl} : deformazione massima del calcestruzzo compresso
 ϵ_{acc} : deformazione massima dell'armatura tesa
 M_{Rd} : momento resistente;
 S : Coefficiente di sicurezza;

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

Tabella 24.I

Piastra	Imp.	Fili	RCrit	Dir.	σ_{c2} [%]	σ_{cu2} [%]	Cop. sup. [cm]	Arm. sup.	Cop. inf. [cm]	Arm. inf.	Msd [daN m]	σ_{cls} [%]	σ_{acc} [%]	Mrd [daN m]	S	Esito
1	Piano 1	15, 16, 8, 11, 14, 7		X	2.00	3.50	2.0	Ø 12 / 20.0	2.0	Ø 12 / 20.0	1163	0.00	0.00	3570	3.07	V
				Y	2.00	3.50	2.0	Ø 12 / 20.0	2.0	Ø 12 / 20.0	2112	0.00	0.00	3570	1.69	V
2	Piano 2	14, 18, 17, 11		X	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	944	0.00	0.00	9957	10.55	V
				Y	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	2856	0.00	0.00	9957	3.49	V
3	Piano 2	18, 7, 5, 8, 17		X	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	985	0.00	0.00	9957	10.11	V
				Y	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	2396	0.00	0.00	9957	4.16	V
4	Piano 2	8, 7, 19, 3, 20		X	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1428	0.00	0.00	9957	6.97	V
				Y	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1587	0.00	0.00	9957	6.27	V
5	Piano 3	20, 3, 2, 21, 23, 22		X	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	3755	0.00	0.00	9957	2.65	V
				Y	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1300	0.00	0.00	9957	7.66	V
6	Piano 3	21, 2, 19, 7, 6, 24		X	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1806	0.00	0.00	9957	5.51	V
				Y	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1524	0.00	0.00	9957	6.53	V
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26		X	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1883	0.00	0.00	9957	5.29	V
				Y	2.00	3.50	2.0	Ø 16 / 12.0	2.0	Ø 16 / 12.0	1152	0.00	0.00	9957	8.65	V

4.2.14.3 Verifiche SLV - Taglio

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 RCrit : regione critica;
 cot(θ) : cotangente dell'angolo θ ;
 Diam. : diametro del braccio della staffa;
 AStaffe : area di armatura a taglio da disporre nell'unità di superficie;
 DLong : distanza longitudinale fra i bracci delle staffe;
 DTrasv : distanza trasversale fra i bracci delle staffe;
 VSd : Taglio sollecitante di calcolo;
 VRd : Taglio resistente di calcolo;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 25.I

Piastra	Imp.	Fili	RCrit	cot(θ)	Armature				Tagli		Esito
					Diam. [mm]	Dlong [cm]	Dtrasv [cm]	Area [cm ² /m ²]	VSd [daN]	VRd [daN]	
1	Piano 1	15, 16, 8, 11, 14, 7		-	-	-	-	-	8039	9283	V
2	Piano 2	14, 18, 17, 11		-	-	-	-	-	10903	10853	V
3	Piano 2	18, 7, 5, 8, 17		-	-	-	-	-	10894	10853	V
4	Piano 2	8, 7, 19, 3, 20		-	-	-	-	-	11050	10853	V
5	Piano 3	20, 3, 2, 21, 23, 22		-	-	-	-	-	11027	10853	V
6	Piano 3	21, 2, 19, 7, 6, 24		-	-	-	-	-	11127	10853	V
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26		-	-	-	-	-	11055	10853	V

4.3 Verifica Stati Limite DL - PGA DL = 0.2880 g.

4.3.1 Cinematismi Nodali SLD.

Tabella 26.I

Nodo		Vx	Vy	Vz	Fix	Fiy	Fiz
1	CC1	0.2871	-0.0355	0.3208	7.13E-4	-1.11E-3	-4.19E-4
	CC2	0.2788	-0.0055	0.2773	5.72E-4	-1.01E-3	-2.98E-4
	CC3	0.2433	-0.1005	0.0117	-1.26E-3	-5.02E-4	-6.17E-5
	CC4	0.2350	-0.0704	-0.0318	-1.40E-3	-4.02E-4	5.97E-5
	CC5	-0.2376	0.0718	-0.1050	1.42E-3	5.97E-4	-5.02E-5
	CC6	-0.2459	0.1018	-0.1485	1.28E-3	6.96E-4	7.12E-5
	CC7	-0.2814	0.0068	-0.4141	-5.57E-4	1.21E-3	3.07E-4
	CC8	-0.2898	0.0369	-0.4576	-6.98E-4	1.31E-3	4.29E-4
	CC9	0.1571	0.0689	0.5451	3.31E-3	-1.26E-3	-7.43E-4
	CC10	0.1438	0.1167	0.4761	3.08E-3	-1.10E-3	-5.50E-4
	CC11	-0.0004	0.1011	0.4173	3.52E-3	-7.44E-4	-6.32E-4
	CC12	-0.0136	0.1489	0.3483	3.29E-3	-5.86E-4	-4.39E-4
	CC13	0.0110	-0.1475	-0.4851	-3.28E-3	7.80E-4	4.49E-4
	CC14	-0.0023	-0.0997	-0.5542	-3.50E-3	9.38E-4	6.42E-4
	CC15	-0.1464	-0.1153	-0.6129	-3.07E-3	1.29E-3	5.60E-4
	CC16	-0.1597	-0.0675	-0.6819	-3.29E-3	1.45E-3	7.53E-4
2	CC1	0.2873	-0.0083	0.2476	7.13E-4	-1.16E-3	-4.20E-4
	CC2	0.2789	0.0139	0.2107	5.72E-4	-1.05E-3	-2.98E-4
	CC3	0.2434	-0.0964	-0.0212	-1.26E-3	-5.17E-4	-6.37E-5
	CC4	0.2351	-0.0742	-0.0582	-1.40E-3	-4.13E-4	5.83E-5
	CC5	-0.2377	0.0750	-0.0659	1.42E-3	6.15E-4	-4.88E-5
	CC6	-0.2461	0.0972	-0.1028	1.28E-3	7.19E-4	7.32E-5
	CC7	-0.2816	-0.0131	-0.3347	-5.57E-4	1.25E-3	3.07E-4
	CC8	-0.2899	0.0090	-0.3717	-6.98E-4	1.36E-3	4.29E-4
	CC9	0.1572	0.1172	0.4624	3.31E-3	-1.31E-3	-7.41E-4
	CC10	0.1439	0.1524	0.4038	3.08E-3	-1.15E-3	-5.48E-4
	CC11	-0.0003	0.1422	0.3684	3.52E-3	-7.82E-4	-6.30E-4
	CC12	-0.0136	0.1774	0.3097	3.29E-3	-6.17E-4	-4.36E-4
	CC13	0.0110	-0.1766	-0.4338	-3.28E-3	8.19E-4	4.46E-4
	CC14	-0.0023	-0.1414	-0.4924	-3.50E-3	9.84E-4	6.40E-4
	CC15	-0.1465	-0.1517	-0.5278	-3.07E-3	1.35E-3	5.57E-4
	CC16	-0.1598	-0.1164	-0.5865	-3.29E-3	1.52E-3	7.51E-4
3	CC1	0.2141	-0.0099	-0.0727	7.80E-4	-1.91E-4	-3.92E-4
	CC2	0.2296	0.0127	-0.0523	6.71E-4	-2.43E-4	-2.71E-4
	CC3	0.2539	-0.0953	0.0725	-1.04E-3	-4.64E-4	-5.01E-5
	CC4	0.2694	-0.0727	0.0929	-1.15E-3	-5.16E-4	7.11E-5
	CC5	-0.2712	0.0736	-0.2343	1.40E-3	6.93E-4	-5.88E-5
	CC6	-0.2556	0.0961	-0.2139	1.30E-3	6.41E-4	6.23E-5
	CC7	-0.2314	-0.0118	-0.0891	-4.17E-4	4.19E-4	2.83E-4
	CC8	-0.2158	0.0108	-0.0687	-5.26E-4	3.68E-4	4.04E-4
	CC9	-0.0068	0.1123	-0.3046	3.16E-3	4.52E-4	-7.10E-4
	CC10	0.0179	0.1481	-0.2722	2.98E-3	3.70E-4	-5.18E-4
	CC11	-0.1523	0.1373	-0.3531	3.34E-3	7.17E-4	-6.10E-4
	CC12	-0.1277	0.1731	-0.3207	3.17E-3	6.35E-4	-4.18E-4
	CC13	0.1259	-0.1723	0.1793	-2.92E-3	-4.58E-4	4.30E-4
	CC14	0.1506	-0.1364	0.2117	-3.09E-3	-5.40E-4	6.22E-4
	CC15	-0.0197	-0.1472	0.1308	-2.73E-3	-1.93E-4	5.30E-4
	CC16	0.0050	-0.1114	0.1632	-2.90E-3	-2.75E-4	7.22E-4
4	CC1	0.2140	-0.0353	-0.0606	7.80E-4	-1.84E-4	-3.92E-4
	CC2	0.2295	-0.0050	-0.0369	6.71E-4	-2.32E-4	-2.71E-4
	CC3	0.2538	-0.0984	0.1016	-1.04E-3	-4.41E-4	-4.82E-5
	CC4	0.2693	-0.0680	0.1252	-1.15E-3	-4.89E-4	7.24E-5
	CC5	-0.2710	0.0697	-0.2777	1.40E-3	6.57E-4	-6.02E-5
	CC6	-0.2555	0.1001	-0.2541	1.30E-3	6.09E-4	6.04E-5
	CC7	-0.2313	0.0066	-0.1155	-4.17E-4	4.00E-4	2.83E-4
	CC8	-0.2157	0.0370	-0.0919	-5.26E-4	3.52E-4	4.04E-4
	CC9	-0.0067	0.0660	-0.3327	3.16E-3	4.25E-4	-7.12E-4
	CC10	0.0179	0.1143	-0.2952	2.98E-3	3.48E-4	-5.20E-4
	CC11	-0.1523	0.0976	-0.3978	3.34E-3	6.77E-4	-6.12E-4
	CC12	-0.1276	0.1458	-0.3603	3.17E-3	6.00E-4	-4.21E-4
	CC13	0.1259	-0.1442	0.2079	-2.92E-3	-4.32E-4	4.33E-4
	CC14	0.1505	-0.0959	0.2454	-3.09E-3	-5.09E-4	6.24E-4
	CC15	-0.0196	-0.1127	0.1427	-2.73E-3	-1.80E-4	5.32E-4

	CC16	0.0050	-0.0644	0.1802	-2.90E-3	-2.57E-4	7.24E-4
5	CC1	0.2124	0.1904	-0.1689	6.39E-4	-9.92E-4	-3.99E-4
	CC2	0.2281	0.1582	-0.1478	4.88E-4	-9.94E-4	-2.81E-4
	CC3	0.2539	-0.1049	0.0042	-9.28E-4	-8.18E-4	9.13E-5
	CC4	0.2696	-0.1371	0.0253	-1.08E-3	-8.21E-4	2.09E-4
	CC5	-0.2711	0.1327	-0.2364	1.33E-3	6.34E-4	-2.02E-4
	CC6	-0.2554	0.1005	-0.2152	1.18E-3	6.32E-4	-8.40E-5
	CC7	-0.2296	-0.1626	-0.0633	-2.41E-4	8.08E-4	2.88E-4
	CC8	-0.2139	-0.1948	-0.0422	-3.92E-4	8.05E-4	4.06E-4
	CC9	-0.0099	0.5242	-0.4006	2.75E-3	-6.24E-4	-9.36E-4
	CC10	0.0151	0.4730	-0.3671	2.51E-3	-6.29E-4	-7.49E-4
	CC11	-0.1549	0.5069	-0.4208	2.96E-3	-1.36E-4	-8.77E-4
	CC12	-0.1300	0.4557	-0.3873	2.72E-3	-1.41E-4	-6.90E-4
	CC13	0.1285	-0.4601	0.1762	-2.47E-3	-4.57E-5	6.97E-4
	CC14	0.1534	-0.5112	0.2097	-2.71E-3	-4.99E-5	8.85E-4
	CC15	-0.0166	-0.4774	0.1560	-2.27E-3	4.42E-4	7.56E-4
	CC16	0.0083	-0.5285	0.1895	-2.50E-3	4.38E-4	9.44E-4
6	CC1	0.2905	0.1944	-0.1095	2.00E-4	-1.08E-3	-4.10E-4
	CC2	0.2815	0.1617	-0.1248	2.02E-5	-1.09E-3	-2.94E-4
	CC3	0.2416	-0.1047	-0.2607	-1.36E-3	-1.28E-3	4.94E-5
	CC4	0.2326	-0.1375	-0.2760	-1.54E-3	-1.29E-3	1.65E-4
	CC5	-0.2351	0.1330	0.1063	1.67E-3	1.02E-3	-1.52E-4
	CC6	-0.2441	0.1003	0.0911	1.49E-3	1.01E-3	-3.58E-5
	CC7	-0.2840	-0.1662	-0.0448	1.09E-4	8.24E-4	3.08E-4
	CC8	-0.2930	-0.1989	-0.0601	-7.11E-5	8.08E-4	4.24E-4
	CC9	0.1662	0.5316	0.1469	2.59E-3	-1.06E-4	-8.90E-4
	CC10	0.1520	0.4796	0.1226	2.30E-3	-1.31E-4	-7.06E-4
	CC11	0.0085	0.5132	0.2116	3.03E-3	5.24E-4	-8.12E-4
	CC12	-0.0057	0.4612	0.1874	2.75E-3	4.99E-4	-6.28E-4
	CC13	0.0032	-0.4657	-0.3570	-2.62E-3	-7.68E-4	6.42E-4
	CC14	-0.0110	-0.5177	-0.3813	-2.90E-3	-7.93E-4	8.26E-4
	CC15	-0.1545	-0.4841	-0.2923	-2.18E-3	-1.38E-4	7.19E-4
	CC16	-0.1687	-0.5361	-0.3165	-2.46E-3	-1.63E-4	9.03E-4
7	CC1	0.2474	0.1919	-0.1189	2.48E-4	-1.03E-3	-3.25E-4
	CC2	0.2518	0.1596	-0.1134	8.38E-5	-1.06E-3	-2.15E-4
	CC3	0.2458	-0.1047	-0.0969	-1.19E-3	-1.08E-3	5.71E-5
	CC4	0.2502	-0.1370	-0.0914	-1.35E-3	-1.11E-3	1.67E-4
	CC5	-0.2517	0.1326	-0.0971	1.55E-3	1.05E-3	-1.68E-4
	CC6	-0.2474	0.1002	-0.0916	1.38E-3	1.02E-3	-5.86E-5
	CC7	-0.2533	-0.1640	-0.0751	1.12E-4	1.00E-3	2.14E-4
	CC8	-0.2490	-0.1964	-0.0696	-5.16E-5	9.72E-4	3.23E-4
	CC9	0.0733	0.5267	-0.1385	2.42E-3	-2.44E-4	-7.48E-4
	CC10	0.0802	0.4753	-0.1298	2.16E-3	-2.93E-4	-5.74E-4
	CC11	-0.0764	0.5089	-0.1320	2.81E-3	3.80E-4	-7.01E-4
	CC12	-0.0695	0.4575	-0.1233	2.55E-3	3.32E-4	-5.27E-4
	CC13	0.0680	-0.4620	-0.0652	-2.36E-3	-3.94E-4	5.25E-4
	CC14	0.0749	-0.5133	-0.0565	-2.62E-3	-4.42E-4	7.00E-4
	CC15	-0.0818	-0.4798	-0.0587	-1.97E-3	2.31E-4	5.72E-4
	CC16	-0.0748	-0.5312	-0.0500	-2.23E-3	1.83E-4	7.46E-4
8	CC1	0.1963	0.1895	-0.1979	5.40E-4	-1.21E-3	-3.81E-4
	CC2	0.2163	0.1573	-0.1699	3.94E-4	-1.29E-3	-2.86E-4
	CC3	0.2526	-0.1055	0.0438	-8.76E-4	-1.50E-3	-7.11E-5
	CC4	0.2725	-0.1377	0.0717	-1.02E-3	-1.58E-3	2.39E-5
	CC5	-0.2684	0.1340	-0.2935	1.18E-3	1.97E-3	3.85E-5
	CC6	-0.2485	0.1018	-0.2655	1.03E-3	1.89E-3	1.34E-4
	CC7	-0.2122	-0.1610	-0.0518	-2.38E-4	1.67E-3	3.49E-4
	CC8	-0.1922	-0.1932	-0.0239	-3.83E-4	1.59E-3	4.44E-4
	CC9	-0.0378	0.5237	-0.5215	2.46E-3	2.73E-4	-6.24E-4
	CC10	-0.0062	0.4726	-0.4771	2.23E-3	1.45E-4	-4.73E-4
	CC11	-0.1773	0.5071	-0.5502	2.65E-3	1.23E-3	-4.98E-4
	CC12	-0.1456	0.4559	-0.5058	2.42E-3	1.10E-3	-3.47E-4
	CC13	0.1497	-0.4596	0.2840	-2.26E-3	-7.12E-4	4.10E-4
	CC14	0.1814	-0.5108	0.3284	-2.49E-3	-8.40E-4	5.61E-4
	CC15	0.0102	-0.4763	0.2553	-2.07E-3	2.40E-4	5.36E-4
	CC16	0.0419	-0.5274	0.2997	-2.30E-3	1.13E-4	6.87E-4
9	CC1	0.1684	0.1894	-0.2351	5.03E-4	-1.21E-3	-3.86E-4
	CC2	0.1952	0.1572	-0.1969	3.64E-4	-1.29E-3	-2.92E-4
	CC3	0.2471	-0.1055	0.1062	-8.55E-4	-1.50E-3	-7.78E-5
	CC4	0.2739	-0.1377	0.1444	-9.94E-4	-1.58E-3	1.65E-5
	CC5	-0.2653	0.1340	-0.3763	1.13E-3	1.97E-3	4.57E-5
	CC6	-0.2385	0.1018	-0.3381	9.90E-4	1.89E-3	1.40E-4
	CC7	-0.1866	-0.1609	-0.0350	-2.29E-4	1.67E-3	3.54E-4
	CC8	-0.1598	-0.1931	0.0032	-3.68E-4	1.59E-3	4.48E-4

	CC9	-0.0830	0.5234	-0.6939	2.35E-3	2.73E-4	-6.22E-4
	CC10	-0.0404	0.4723	-0.6333	2.13E-3	1.45E-4	-4.72E-4
	CC11	-0.2131	0.5068	-0.7363	2.54E-3	1.23E-3	-4.93E-4
	CC12	-0.1705	0.4557	-0.6757	2.31E-3	1.10E-3	-3.43E-4
	CC13	0.1791	-0.4594	0.4438	-2.18E-3	-7.12E-4	4.05E-4
	CC14	0.2217	-0.5105	0.5044	-2.40E-3	-8.40E-4	5.55E-4
	CC15	0.0490	-0.4760	0.4014	-1.99E-3	2.40E-4	5.35E-4
	CC16	0.0916	-0.5271	0.4620	-2.21E-3	1.13E-4	6.84E-4
10	CC1	0.3198	0.1943	-0.0951	1.97E-4	-1.08E-3	-4.02E-4
	CC2	0.3024	0.1616	-0.1232	2.20E-5	-1.09E-3	-2.86E-4
	CC3	0.2376	-0.1047	-0.3571	-1.32E-3	-1.28E-3	5.59E-5
	CC4	0.2203	-0.1374	-0.3851	-1.49E-3	-1.29E-3	1.71E-4
	CC5	-0.2238	0.1329	0.2256	1.64E-3	1.02E-3	-1.58E-4
	CC6	-0.2411	0.1002	0.1975	1.46E-3	1.01E-3	-4.24E-5
	CC7	-0.3059	-0.1661	-0.0364	1.21E-4	8.24E-4	3.00E-4
	CC8	-0.3232	-0.1988	-0.0644	-5.37E-5	8.08E-4	4.15E-4
	CC9	0.2304	0.5313	0.3310	2.52E-3	-1.06E-4	-8.84E-4
	CC10	0.2029	0.4793	0.2864	2.24E-3	-1.31E-4	-7.01E-4
	CC11	0.0674	0.5129	0.4272	2.95E-3	5.24E-4	-8.11E-4
	CC12	0.0398	0.4609	0.3827	2.67E-3	4.99E-4	-6.28E-4
	CC13	-0.0433	-0.4654	-0.5422	-2.53E-3	-7.67E-4	6.41E-4
	CC14	-0.0708	-0.5174	-0.5867	-2.81E-3	-7.93E-4	8.24E-4
	CC15	-0.2064	-0.4838	-0.4460	-2.10E-3	-1.38E-4	7.14E-4
	CC16	-0.2339	-0.5358	-0.4905	-2.38E-3	-1.63E-4	8.98E-4
11	CC1	0.1996	0.2239	-0.3679	1.33E-3	-1.35E-3	-4.03E-4
	CC2	0.2175	0.1739	-0.3504	1.06E-3	-1.41E-3	-2.85E-4
	CC3	0.2446	-0.1527	-0.2390	-9.03E-5	-1.57E-3	2.20E-5
	CC4	0.2624	-0.2028	-0.2215	-3.65E-4	-1.63E-3	1.40E-4
	CC5	-0.2569	0.2043	0.1005	5.52E-4	2.00E-3	-1.15E-4
	CC6	-0.2390	0.1543	0.1180	2.78E-4	1.94E-3	3.16E-6
	CC7	-0.2119	-0.1723	0.2294	-8.72E-4	1.79E-3	3.10E-4
	CC8	-0.1941	-0.2224	0.2469	-1.15E-3	1.72E-3	4.28E-4
	CC9	-0.0178	0.6712	-0.3594	2.80E-3	9.53E-5	-8.33E-4
	CC10	0.0105	0.5917	-0.3316	2.37E-3	-1.92E-6	-6.45E-4
	CC11	-0.1548	0.6653	-0.2189	2.57E-3	1.10E-3	-7.46E-4
	CC12	-0.1265	0.5858	-0.1911	2.13E-3	1.01E-3	-5.59E-4
	CC13	0.1321	-0.5842	0.0701	-1.94E-3	-6.33E-4	5.84E-4
	CC14	0.1604	-0.6637	0.0979	-2.38E-3	-7.31E-4	7.72E-4
	CC15	-0.0049	-0.5901	0.2106	-2.18E-3	3.74E-4	6.70E-4
	CC16	0.0234	-0.6696	0.2384	-2.62E-3	2.76E-4	8.58E-4
12	CC1	0.1794	0.2239	-0.4338	1.31E-3	-1.35E-3	-4.05E-4
	CC2	0.2031	0.1738	-0.4026	1.04E-3	-1.41E-3	-2.87E-4
	CC3	0.2456	-0.1526	-0.2343	-9.42E-5	-1.57E-3	1.98E-5
	CC4	0.2694	-0.2027	-0.2032	-3.66E-4	-1.63E-3	1.38E-4
	CC5	-0.2625	0.2043	0.0730	5.50E-4	2.00E-3	-1.13E-4
	CC6	-0.2388	0.1542	0.1041	2.78E-4	1.94E-3	5.30E-6
	CC7	-0.1963	-0.1722	0.2724	-8.55E-4	1.79E-3	3.12E-4
	CC8	-0.1726	-0.2223	0.3035	-1.13E-3	1.72E-3	4.30E-4
	CC9	-0.0595	0.6710	-0.4982	2.76E-3	9.53E-5	-8.32E-4
	CC10	-0.0218	0.5915	-0.4488	2.33E-3	-1.92E-6	-6.45E-4
	CC11	-0.1921	0.6652	-0.3462	2.54E-3	1.10E-3	-7.45E-4
	CC12	-0.1544	0.5856	-0.2968	2.10E-3	1.01E-3	-5.57E-4
	CC13	0.1612	-0.5840	0.1665	-1.92E-3	-6.33E-4	5.83E-4
	CC14	0.1989	-0.6636	0.2160	-2.35E-3	-7.31E-4	7.70E-4
	CC15	0.0286	-0.5899	0.3186	-2.15E-3	3.74E-4	6.70E-4
	CC16	0.0663	-0.6694	0.3680	-2.58E-3	2.76E-4	8.57E-4
13	CC1	0.2659	0.2237	-0.1327	1.39E-3	-1.30E-3	-3.77E-4
	CC2	0.2637	0.1736	-0.1623	1.12E-3	-1.37E-3	-2.60E-4
	CC3	0.2403	-0.1528	-0.2480	-2.55E-5	-1.53E-3	3.63E-5
	CC4	0.2381	-0.2029	-0.2776	-2.98E-4	-1.60E-3	1.54E-4
	CC5	-0.2382	0.2044	0.1899	4.99E-4	1.97E-3	-1.17E-4
	CC6	-0.2404	0.1544	0.1603	2.26E-4	1.91E-3	3.41E-7
	CC7	-0.2638	-0.1721	0.0746	-9.17E-4	1.75E-3	2.96E-4
	CC8	-0.2660	-0.2221	0.0450	-1.19E-3	1.68E-3	4.13E-4
	CC9	0.1200	0.6709	0.1235	2.81E-3	1.25E-4	-8.02E-4
	CC10	0.1165	0.5914	0.0765	2.38E-3	1.85E-5	-6.16E-4
	CC11	-0.0313	0.6651	0.2203	2.54E-3	1.11E-3	-7.24E-4
	CC12	-0.0348	0.5856	0.1732	2.11E-3	1.00E-3	-5.38E-4
	CC13	0.0346	-0.5841	-0.2609	-1.91E-3	-6.26E-4	5.75E-4
	CC14	0.0311	-0.6636	-0.3079	-2.34E-3	-7.33E-4	7.61E-4
	CC15	-0.1166	-0.5898	-0.1641	-2.18E-3	3.57E-4	6.53E-4
	CC16	-0.1201	-0.6694	-0.2112	-2.61E-3	2.51E-4	8.39E-4
14	CC1	0.2470	0.2238	-0.2023	1.39E-3	-1.30E-3	-3.79E-4

	CC2	0.2507	0.1737	-0.2182	1.12E-3	-1.37E-3	-2.62E-4
	CC3	0.2421	-0.1528	-0.2465	-3.91E-5	-1.53E-3	3.41E-5
	CC4	0.2458	-0.2029	-0.2625	-3.15E-4	-1.60E-3	1.51E-4
	CC5	-0.2441	0.2045	0.1647	5.14E-4	1.97E-3	-1.15E-4
	CC6	-0.2404	0.1544	0.1488	2.38E-4	1.91E-3	2.49E-6
	CC7	-0.2490	-0.1721	0.1205	-9.18E-4	1.75E-3	2.99E-4
	CC8	-0.2453	-0.2222	0.1046	-1.19E-3	1.68E-3	4.16E-4
	CC9	0.0799	0.6711	-0.0175	2.84E-3	1.25E-4	-8.03E-4
	CC10	0.0857	0.5916	-0.0428	2.40E-3	1.85E-5	-6.17E-4
	CC11	-0.0675	0.6653	0.0926	2.57E-3	1.11E-3	-7.24E-4
	CC12	-0.0617	0.5858	0.0673	2.13E-3	1.00E-3	-5.38E-4
	CC13	0.0634	-0.5842	-0.1650	-1.94E-3	-6.26E-4	5.74E-4
	CC14	0.0692	-0.6638	-0.1903	-2.37E-3	-7.33E-4	7.61E-4
	CC15	-0.0840	-0.5900	-0.0549	-2.20E-3	3.57E-4	6.54E-4
	CC16	-0.0782	-0.6696	-0.0802	-2.64E-3	2.51E-4	8.40E-4
15	CC1	0.4110	0.0072	0.2548	-4.01E-4	-1.81E-3	-4.78E-4
	CC2	0.3996	0.0303	0.2166	-2.52E-4	-1.80E-3	-3.31E-4
	CC3	0.3695	-0.2112	-0.0220	-1.71E-3	-2.17E-3	-6.24E-5
	CC4	0.3581	-0.1881	-0.0601	-1.56E-3	-2.16E-3	8.47E-5
	CC5	-0.3812	0.1897	-0.0663	1.58E-3	2.52E-3	-6.47E-5
	CC6	-0.3926	0.2128	-0.1044	1.73E-3	2.53E-3	8.23E-5
	CC7	-0.4228	-0.0287	-0.3431	2.67E-4	2.16E-3	3.51E-4
	CC8	-0.4342	-0.0056	-0.3812	4.16E-4	2.17E-3	4.98E-4
	CC9	0.1856	0.3191	0.4765	1.78E-3	1.16E-4	-8.61E-4
	CC10	0.1675	0.3557	0.4160	2.01E-3	1.43E-4	-6.27E-4
	CC11	-0.0521	0.3738	0.3802	2.37E-3	1.41E-3	-7.37E-4
	CC12	-0.0702	0.4105	0.3196	2.61E-3	1.44E-3	-5.03E-4
	CC13	0.0470	-0.4089	-0.4461	-2.59E-3	-1.08E-3	5.23E-4
	CC14	0.0290	-0.3722	-0.5067	-2.36E-3	-1.06E-3	7.57E-4
	CC15	-0.1906	-0.3541	-0.5424	-2.00E-3	2.16E-4	6.47E-4
	CC16	-0.2087	-0.3175	-0.6030	-1.76E-3	2.43E-4	8.81E-4
16	CC1	0.3046	0.0160	-0.0761	1.57E-5	-1.57E-3	-4.74E-4
	CC2	0.3256	0.0391	-0.0550	8.41E-5	-1.64E-3	-3.27E-4
	CC3	0.3544	-0.2024	0.0732	-1.80E-3	-1.62E-3	-5.83E-5
	CC4	0.3754	-0.1793	0.0944	-1.73E-3	-1.70E-3	8.87E-5
	CC5	-0.3968	0.1985	-0.2385	2.00E-3	2.06E-3	-6.07E-5
	CC6	-0.3758	0.2216	-0.2174	2.06E-3	1.98E-3	8.64E-5
	CC7	-0.3469	-0.0199	-0.0892	1.77E-4	2.00E-3	3.55E-4
	CC8	-0.3260	0.0032	-0.0680	2.46E-4	1.92E-3	5.02E-4
	CC9	-0.0052	0.3279	-0.3134	2.81E-3	-2.04E-4	-8.57E-4
	CC10	0.0282	0.3645	-0.2798	2.92E-3	-3.30E-4	-6.23E-4
	CC11	-0.2156	0.3826	-0.3621	3.40E-3	8.83E-4	-7.33E-4
	CC12	-0.1823	0.4193	-0.3285	3.51E-3	7.57E-4	-4.99E-4
	CC13	0.1609	-0.4001	0.1844	-3.25E-3	-4.01E-4	5.28E-4
	CC14	0.1942	-0.3634	0.2180	-3.14E-3	-5.27E-4	7.61E-4
	CC15	-0.0495	-0.3453	0.1357	-2.66E-3	6.87E-4	6.51E-4
	CC16	-0.0162	-0.3087	0.1692	-2.55E-3	5.61E-4	8.85E-4
17	CC1	0.3053	0.2317	-0.1726	7.03E-4	-1.42E-3	-4.95E-4
	CC2	0.3263	0.1886	-0.1512	5.36E-4	-1.55E-3	-3.48E-4
	CC3	0.3551	-0.1735	0.0034	-8.60E-4	-1.70E-3	-8.00E-5
	CC4	0.3761	-0.2167	0.0247	-1.03E-3	-1.83E-3	6.70E-5
	CC5	-0.3960	0.2284	-0.2379	1.22E-3	2.43E-3	-8.24E-5
	CC6	-0.3751	0.1853	-0.2165	1.06E-3	2.30E-3	6.47E-5
	CC7	-0.3462	-0.1769	-0.0619	-3.39E-4	2.16E-3	3.33E-4
	CC8	-0.3252	-0.2200	-0.0406	-5.05E-4	2.03E-3	4.80E-4
	CC9	-0.0044	0.7161	-0.4070	2.76E-3	2.81E-4	-8.79E-4
	CC10	0.0289	0.6476	-0.3731	2.49E-3	7.65E-5	-6.45E-4
	CC11	-0.2148	0.7151	-0.4266	2.91E-3	1.44E-3	-7.55E-4
	CC12	-0.1815	0.6466	-0.3927	2.65E-3	1.23E-3	-5.21E-4
	CC13	0.1616	-0.6349	0.1795	-2.45E-3	-6.30E-4	5.06E-4
	CC14	0.1949	-0.7034	0.2134	-2.72E-3	-8.34E-4	7.39E-4
	CC15	-0.0488	-0.6359	0.1599	-2.29E-3	5.26E-4	6.30E-4
	CC16	-0.0155	-0.7044	0.1938	-2.56E-3	3.21E-4	8.63E-4
18	CC1	0.4266	0.2269	-0.1143	2.82E-4	-2.04E-3	-4.66E-4
	CC2	0.4152	0.1838	-0.1300	2.37E-4	-1.99E-3	-3.19E-4
	CC3	0.3851	-0.1784	-0.2678	-6.15E-4	-2.19E-3	-5.10E-5
	CC4	0.3737	-0.2215	-0.2836	-6.60E-4	-2.14E-3	9.60E-5
	CC5	-0.3656	0.2235	0.1109	7.22E-4	2.10E-3	-5.33E-5
	CC6	-0.3770	0.1804	0.0952	6.77E-4	2.14E-3	9.37E-5
	CC7	-0.4072	-0.1817	-0.0426	-1.75E-4	1.95E-3	3.62E-4
	CC8	-0.4185	-0.2249	-0.0583	-2.20E-4	2.00E-3	5.09E-4
	CC9	0.2012	0.7112	0.1483	1.50E-3	-4.35E-4	-8.50E-4
	CC10	0.1831	0.6428	0.1233	1.42E-3	-3.59E-4	-6.16E-4

	CC11	-0.0365	0.7102	0.2158	1.63E-3	8.06E-4	-7.26E-4
	CC12	-0.0546	0.6418	0.1908	1.56E-3	8.82E-4	-4.92E-4
	CC13	0.0626	-0.6397	-0.3635	-1.49E-3	-9.26E-4	5.35E-4
	CC14	0.0446	-0.7082	-0.3885	-1.57E-3	-8.50E-4	7.68E-4
	CC15	-0.1750	-0.6407	-0.2959	-1.36E-3	3.16E-4	6.59E-4
	CC16	-0.1931	-0.7092	-0.3209	-1.43E-3	3.91E-4	8.92E-4
19	CC1	0.3556	0.2317	-0.1105	5.26E-4	-2.11E-3	-5.11E-4
	CC2	0.3619	0.1886	-0.1050	3.76E-4	-2.13E-3	-3.64E-4
	CC3	0.3639	-0.1736	-0.0917	-1.05E-3	-2.47E-3	-9.59E-5
	CC4	0.3702	-0.2167	-0.0861	-1.20E-3	-2.49E-3	5.12E-5
	CC5	-0.3871	0.2283	-0.1033	1.48E-3	3.01E-3	-9.82E-5
	CC6	-0.3808	0.1852	-0.0978	1.33E-3	2.99E-3	4.89E-5
	CC7	-0.3788	-0.1770	-0.0845	-9.48E-5	2.64E-3	3.17E-4
	CC8	-0.3725	-0.2201	-0.0789	-2.44E-4	2.62E-3	4.64E-4
	CC9	0.0842	0.7160	-0.1316	2.74E-3	1.18E-4	-8.94E-4
	CC10	0.0941	0.6475	-0.1228	2.50E-3	8.41E-5	-6.61E-4
	CC11	-0.1386	0.7150	-0.1295	3.02E-3	1.65E-3	-7.71E-4
	CC12	-0.1287	0.6465	-0.1207	2.79E-3	1.62E-3	-5.37E-4
	CC13	0.1118	-0.6349	-0.0688	-2.50E-3	-1.10E-3	4.90E-4
	CC14	0.1217	-0.7034	-0.0600	-2.74E-3	-1.13E-3	7.24E-4
	CC15	-0.1110	-0.6359	-0.0667	-2.22E-3	4.34E-4	6.14E-4
	CC16	-0.1011	-0.7044	-0.0578	-2.46E-3	4.00E-4	8.48E-4
20	CC1	0.2835	0.2317	-0.2001	6.14E-4	-1.23E-3	-4.87E-4
	CC2	0.3107	0.1886	-0.1719	4.62E-4	-1.36E-3	-3.40E-4
	CC3	0.3509	-0.1736	0.0436	-1.04E-3	-1.29E-3	-7.13E-5
	CC4	0.3782	-0.2167	0.0717	-1.19E-3	-1.42E-3	7.58E-5
	CC5	-0.4003	0.2283	-0.2947	1.44E-3	1.88E-3	-7.36E-5
	CC6	-0.3731	0.1852	-0.2666	1.29E-3	1.75E-3	7.35E-5
	CC7	-0.3329	-0.1770	-0.0510	-2.16E-4	1.82E-3	3.42E-4
	CC8	-0.3056	-0.2201	-0.0229	-3.68E-4	1.69E-3	4.89E-4
	CC9	-0.0426	0.7160	-0.5258	2.88E-3	-3.26E-5	-8.70E-4
	CC10	0.0007	0.6476	-0.4811	2.64E-3	-2.44E-4	-6.36E-4
	CC11	-0.2477	0.7150	-0.5542	3.13E-3	9.01E-4	-7.46E-4
	CC12	-0.2045	0.6465	-0.5095	2.89E-3	6.90E-4	-5.12E-4
	CC13	0.1823	-0.6349	0.2865	-2.64E-3	-2.31E-4	5.15E-4
	CC14	0.2256	-0.7034	0.3312	-2.88E-3	-4.42E-4	7.48E-4
	CC15	-0.0228	-0.6359	0.2581	-2.39E-3	7.03E-4	6.38E-4
	CC16	0.0204	-0.7044	0.3028	-2.63E-3	4.92E-4	8.72E-4
21	CC1	0.2950	0.3239	-0.3723	1.42E-3	-1.36E-3	-4.87E-4
	CC2	0.3189	0.2536	-0.3543	1.13E-3	-1.45E-3	-3.40E-4
	CC3	0.3531	-0.1582	-0.2421	-4.32E-5	-1.53E-3	-7.14E-5
	CC4	0.3770	-0.2286	-0.2242	-3.33E-4	-1.62E-3	7.56E-5
	CC5	-0.3981	0.2441	0.1024	5.29E-4	2.04E-3	-7.38E-5
	CC6	-0.3742	0.1738	0.1204	2.39E-4	1.95E-3	7.33E-5
	CC7	-0.3400	-0.2380	0.2325	-9.31E-4	1.86E-3	3.42E-4
	CC8	-0.3161	-0.3083	0.2505	-1.22E-3	1.77E-3	4.89E-4
	CC9	-0.0225	0.8791	-0.3632	2.90E-3	6.48E-5	-8.70E-4
	CC10	0.0155	0.7674	-0.3347	2.43E-3	-7.64E-5	-6.36E-4
	CC11	-0.2304	0.8552	-0.2208	2.63E-3	1.08E-3	-7.46E-4
	CC12	-0.1924	0.7435	-0.1923	2.17E-3	9.43E-4	-5.13E-4
	CC13	0.1713	-0.7279	0.0705	-1.97E-3	-5.26E-4	5.14E-4
	CC14	0.2093	-0.8396	0.0990	-2.43E-3	-6.67E-4	7.48E-4
	CC15	-0.0367	-0.7519	0.2129	-2.24E-3	4.93E-4	6.38E-4
	CC16	0.0013	-0.8636	0.2414	-2.70E-3	3.52E-4	8.72E-4
22	CC1	0.3537	0.3239	-0.2018	1.48E-3	-1.58E-3	-4.88E-4
	CC2	0.3600	0.2536	-0.2181	1.19E-3	-1.61E-3	-3.41E-4
	CC3	0.3620	-0.1583	-0.2468	-9.28E-7	-1.80E-3	-7.31E-5
	CC4	0.3682	-0.2286	-0.2632	-2.93E-4	-1.84E-3	7.40E-5
	CC5	-0.3890	0.2441	0.1655	5.07E-4	2.18E-3	-7.54E-5
	CC6	-0.3827	0.1738	0.1491	2.14E-4	2.15E-3	7.16E-5
	CC7	-0.3807	-0.2380	0.1204	-9.72E-4	1.96E-3	3.40E-4
	CC8	-0.3744	-0.3083	0.1041	-1.26E-3	1.92E-3	4.87E-4
	CC9	0.0823	0.8791	-0.0159	2.95E-3	1.22E-5	-8.72E-4
	CC10	0.0922	0.7674	-0.0419	2.48E-3	-3.94E-5	-6.38E-4
	CC11	-0.1405	0.8552	0.0943	2.66E-3	1.14E-3	-7.48E-4
	CC12	-0.1306	0.7435	0.0683	2.19E-3	1.09E-3	-5.14E-4
	CC13	0.1099	-0.7280	-0.1660	-1.98E-3	-7.42E-4	5.13E-4
	CC14	0.1198	-0.8397	-0.1920	-2.44E-3	-7.94E-4	7.46E-4
	CC15	-0.1129	-0.7519	-0.0558	-2.27E-3	3.86E-4	6.37E-4
	CC16	-0.1030	-0.8636	-0.0818	-2.74E-3	3.34E-4	8.70E-4
23	CC1	0.3557	0.0953	0.0996	8.04E-4	-3.57E-4	-4.88E-4
	CC2	0.3620	0.0919	0.1278	6.14E-4	-4.51E-4	-3.41E-4
	CC3	0.3640	-0.1978	0.1964	-7.13E-4	-6.38E-4	-7.24E-5

	CC4	0.3702	-0.2013	0.2247	-9.02E-4	-7.33E-4	7.47E-5
	CC5	-0.3870	0.2035	-1.0612	1.04E-3	3.85E-3	-7.47E-5
	CC6	-0.3807	0.2000	-1.0329	8.50E-4	3.76E-3	7.24E-5
	CC7	-0.3787	-0.0897	-0.9643	-4.77E-4	3.57E-3	3.41E-4
	CC8	-0.3724	-0.0931	-0.9361	-6.67E-4	3.48E-3	4.88E-4
	CC9	0.0843	0.4762	-0.4280	2.71E-3	1.47E-3	-8.71E-4
	CC10	0.0942	0.4707	-0.3831	2.41E-3	1.32E-3	-6.37E-4
	CC11	-0.1385	0.5086	-0.7762	2.78E-3	2.74E-3	-7.47E-4
	CC12	-0.1286	0.5032	-0.7313	2.48E-3	2.59E-3	-5.13E-4
	CC13	0.1119	-0.5010	-0.1052	-2.34E-3	5.34E-4	5.13E-4
	CC14	0.1218	-0.5064	-0.0603	-2.64E-3	3.85E-4	7.47E-4
	CC15	-0.1109	-0.4686	-0.4534	-2.27E-3	1.80E-3	6.37E-4
	CC16	-0.1010	-0.4740	-0.4085	-2.57E-3	1.65E-3	8.71E-4
24	CC1	0.2951	0.0953	0.0049	7.79E-4	-3.60E-4	-4.88E-4
	CC2	0.3190	0.0919	0.0558	5.91E-4	-4.54E-4	-3.41E-4
	CC3	0.3532	-0.1979	0.2837	-7.34E-4	-6.44E-4	-7.24E-5
	CC4	0.3771	-0.2013	0.3346	-9.22E-4	-7.39E-4	7.47E-5
	CC5	-0.3980	0.2034	-1.1850	1.02E-3	3.85E-3	-7.47E-5
	CC6	-0.3741	0.2000	-1.1341	8.31E-4	3.76E-3	7.24E-5
	CC7	-0.3399	-0.0897	-0.9063	-4.93E-4	3.57E-3	3.41E-4
	CC8	-0.3160	-0.0931	-0.8553	-6.81E-4	3.47E-3	4.88E-4
	CC9	-0.0223	0.4762	-0.7518	2.68E-3	1.47E-3	-8.71E-4
	CC10	0.0156	0.4707	-0.6709	2.38E-3	1.32E-3	-6.37E-4
	CC11	-0.2303	0.5086	-1.1087	2.76E-3	2.74E-3	-7.47E-4
	CC12	-0.1923	0.5032	-1.0278	2.46E-3	2.59E-3	-5.13E-4
	CC13	0.1714	-0.5010	0.1774	-2.36E-3	5.26E-4	5.13E-4
	CC14	0.2094	-0.5064	0.2583	-2.66E-3	3.76E-4	7.47E-4
	CC15	-0.0365	-0.4686	-0.1796	-2.29E-3	1.79E-3	6.37E-4
	CC16	0.0015	-0.4740	-0.0987	-2.59E-3	1.64E-3	8.71E-4
25	CC1	0.6092	-0.1422	0.2865	2.62E-3	-5.80E-4	-9.32E-4
	CC2	0.5890	-0.0971	0.2430	2.03E-3	-5.62E-4	-7.09E-4
	CC3	0.6400	-0.6093	-0.0249	-1.50E-3	-6.52E-4	-7.94E-4
	CC4	0.6197	-0.5642	-0.0684	-2.09E-3	-6.34E-4	-5.71E-4
	CC5	-0.6637	0.6109	-0.0676	2.47E-3	-6.17E-5	6.37E-4
	CC6	-0.6839	0.6560	-0.1111	1.87E-3	-4.36E-5	8.60E-4
	CC7	-0.6329	0.1438	-0.3790	-1.65E-3	-1.34E-4	7.75E-4
	CC8	-0.6532	0.1889	-0.4225	-2.25E-3	-1.16E-4	9.98E-4
	CC9	0.1338	0.6530	0.5387	7.55E-3	-3.19E-4	-6.09E-4
	CC10	0.1016	0.7246	0.4696	6.60E-3	-2.90E-4	-2.56E-4
	CC11	-0.2481	0.8789	0.4324	7.50E-3	-1.64E-4	-1.39E-4
	CC12	-0.2802	0.9506	0.3634	6.56E-3	-1.35E-4	2.15E-4
	CC13	0.2363	-0.9039	-0.4994	-6.18E-3	-5.61E-4	-1.49E-4
	CC14	0.2041	-0.8322	-0.5684	-7.13E-3	-5.32E-4	2.04E-4
	CC15	-0.1456	-0.6779	-0.6056	-6.23E-3	-4.06E-4	3.21E-4
	CC16	-0.1777	-0.6063	-0.6747	-7.17E-3	-3.77E-4	6.75E-4
26	CC1	0.4037	-0.1425	-0.0905	-2.82E-4	-2.72E-4	-9.16E-4
	CC2	0.4324	-0.0973	-0.0663	-2.28E-4	-2.92E-4	-6.94E-4
	CC3	0.4648	-0.6095	0.0769	-1.49E-4	-4.31E-4	-7.78E-4
	CC4	0.4935	-0.5644	0.1012	-9.43E-5	-4.51E-4	-5.56E-4
	CC5	-0.5240	0.6107	-0.2563	-1.30E-4	-3.81E-4	6.53E-4
	CC6	-0.4952	0.6558	-0.2321	-7.55E-5	-4.01E-4	8.76E-4
	CC7	-0.4629	0.1436	-0.0889	3.32E-6	-5.40E-4	7.91E-4
	CC8	-0.4341	0.1887	-0.0646	5.79E-5	-5.60E-4	1.01E-3
	CC9	-0.0008	0.6527	-0.3511	-4.01E-4	-1.18E-4	-5.94E-4
	CC10	0.0449	0.7244	-0.3125	-3.14E-4	-1.51E-4	-2.40E-4
	CC11	-0.2791	0.8787	-0.4008	-3.55E-4	-1.51E-4	-1.23E-4
	CC12	-0.2334	0.9503	-0.3623	-2.68E-4	-1.83E-4	2.31E-4
	CC13	0.2030	-0.9041	0.2071	4.40E-5	-6.49E-4	-1.34E-4
	CC14	0.2486	-0.8324	0.2457	1.31E-4	-6.81E-4	2.20E-4
	CC15	-0.0753	-0.6781	0.1574	8.96E-5	-6.81E-4	3.37E-4
	CC16	-0.0297	-0.6065	0.1959	1.76E-4	-7.14E-4	6.91E-4
27	CC1	0.3896	0.2825	-0.1715	5.40E-4	-9.30E-4	-9.90E-4
	CC2	0.4183	0.2275	-0.1503	4.16E-4	-9.99E-4	-7.67E-4
	CC3	0.4507	-0.2466	0.0017	-7.78E-4	-9.88E-4	-8.52E-4
	CC4	0.4794	-0.3017	0.0229	-9.02E-4	-1.06E-3	-6.29E-4
	CC5	-0.5381	0.3295	-0.2368	1.14E-3	1.64E-3	5.80E-4
	CC6	-0.5093	0.2744	-0.2156	1.02E-3	1.57E-3	8.02E-4
	CC7	-0.4770	-0.1996	-0.0636	-1.77E-4	1.58E-3	7.18E-4
	CC8	-0.4482	-0.2547	-0.0424	-3.01E-4	1.51E-3	9.40E-4
	CC9	-0.0149	0.9325	-0.4027	2.33E-3	5.83E-5	-6.67E-4
	CC10	0.0308	0.8450	-0.3690	2.13E-3	-5.19E-5	-3.13E-4
	CC11	-0.2932	0.9466	-0.4223	2.51E-3	8.30E-4	-1.96E-4
	CC12	-0.2475	0.8591	-0.3886	2.31E-3	7.19E-4	1.58E-4

	CC13	0.1889	-0.8313	0.1747	-2.07E-3	-1.36E-4	-2.07E-4
	CC14	0.2345	-0.9188	0.2084	-2.27E-3	-2.47E-4	1.47E-4
	CC15	-0.0894	-0.8172	0.1551	-1.89E-3	6.35E-4	2.64E-4
	CC16	-0.0438	-0.9047	0.1888	-2.09E-3	5.25E-4	6.18E-4
28	CC1	0.6098	0.2784	-0.1347	2.68E-3	-6.63E-4	-8.80E-4
	CC2	0.5896	0.2233	-0.1525	1.89E-3	-5.63E-4	-6.57E-4
	CC3	0.6406	-0.2508	-0.2985	-1.95E-3	-3.02E-4	-7.42E-4
	CC4	0.6203	-0.3058	-0.3163	-2.74E-3	-2.02E-4	-5.19E-4
	CC5	-0.6631	0.3254	0.1315	2.89E-3	3.68E-4	6.89E-4
	CC6	-0.6833	0.2703	0.1136	2.10E-3	4.68E-4	9.12E-4
	CC7	-0.6323	-0.2038	-0.0323	-1.73E-3	7.29E-4	8.27E-4
	CC8	-0.6526	-0.2589	-0.0502	-2.52E-3	8.29E-4	1.05E-3
	CC9	0.1344	0.9284	0.1549	8.38E-3	-7.53E-4	-5.57E-4
	CC10	0.1022	0.8409	0.1265	7.13E-3	-5.94E-4	-2.04E-4
	CC11	-0.2475	0.9425	0.2347	8.44E-3	-4.44E-4	-8.65E-5
	CC12	-0.2797	0.8550	0.2063	7.19E-3	-2.85E-4	2.67E-4
	CC13	0.2369	-0.8355	-0.3912	-7.04E-3	4.51E-4	-9.71E-5
	CC14	0.2047	-0.9230	-0.4196	-8.29E-3	6.10E-4	2.57E-4
	CC15	-0.1450	-0.8214	-0.3113	-6.97E-3	7.60E-4	3.74E-4
	CC16	-0.1771	-0.9089	-0.3397	-8.23E-3	9.19E-4	7.27E-4
29	CC1	0.4875	0.2825	-0.1091	6.40E-4	-1.00E-3	-9.87E-4
	CC2	0.4940	0.2274	-0.1028	4.93E-4	-1.05E-3	-7.64E-4
	CC3	0.5348	-0.2467	-0.0843	-8.73E-4	-1.68E-3	-8.49E-4
	CC4	0.5413	-0.3018	-0.0781	-1.02E-3	-1.73E-3	-6.26E-4
	CC5	-0.5971	0.3294	-0.1122	1.27E-3	2.37E-3	5.82E-4
	CC6	-0.5906	0.2744	-0.1060	1.12E-3	2.32E-3	8.05E-4
	CC7	-0.5497	-0.1997	-0.0874	-2.43E-4	1.69E-3	7.20E-4
	CC8	-0.5433	-0.2548	-0.0812	-3.90E-4	1.65E-3	9.43E-4
	CC9	0.0508	0.9324	-0.1409	2.67E-3	9.78E-4	-6.64E-4
	CC10	0.0611	0.8450	-0.1310	2.44E-3	9.00E-4	-3.11E-4
	CC11	-0.2746	0.9465	-0.1418	2.86E-3	1.99E-3	-1.94E-4
	CC12	-0.2643	0.8591	-0.1319	2.63E-3	1.91E-3	1.60E-4
	CC13	0.2085	-0.8314	-0.0584	-2.38E-3	-1.27E-3	-2.04E-4
	CC14	0.2188	-0.9189	-0.0484	-2.61E-3	-1.35E-3	1.49E-4
	CC15	-0.1168	-0.8173	-0.0593	-2.19E-3	-2.58E-4	2.67E-4
	CC16	-0.1066	-0.9048	-0.0494	-2.42E-3	-3.36E-4	6.20E-4
30	CC1	0.3482	0.2826	-0.2023	1.04E-3	-6.79E-4	-9.74E-4
	CC2	0.3864	0.2275	-0.1741	8.05E-4	-8.35E-4	-7.51E-4
	CC3	0.4152	-0.2466	0.0410	-1.10E-3	-7.29E-4	-8.36E-4
	CC4	0.4534	-0.3016	0.0692	-1.34E-3	-8.86E-4	-6.13E-4
	CC5	-0.5128	0.3296	-0.2938	1.57E-3	1.50E-3	5.95E-4
	CC6	-0.4746	0.2745	-0.2656	1.34E-3	1.34E-3	8.18E-4
	CC7	-0.4458	-0.1996	-0.0505	-5.67E-4	1.45E-3	7.33E-4
	CC8	-0.4076	-0.2547	-0.0223	-8.05E-4	1.29E-3	9.56E-4
	CC9	-0.0425	0.9326	-0.5264	3.80E-3	1.88E-4	-6.51E-4
	CC10	0.0182	0.8451	-0.4816	3.42E-3	-6.06E-5	-2.98E-4
	CC11	-0.3008	0.9467	-0.5539	3.96E-3	8.40E-4	-1.81E-4
	CC12	-0.2401	0.8592	-0.5091	3.58E-3	5.92E-4	1.73E-4
	CC13	0.1808	-0.8313	0.2845	-3.34E-3	1.94E-5	-1.91E-4
	CC14	0.2414	-0.9187	0.3293	-3.72E-3	-2.29E-4	1.62E-4
	CC15	-0.0775	-0.8172	0.2570	-3.18E-3	6.72E-4	2.80E-4
	CC16	-0.0169	-0.9046	0.3018	-3.56E-3	4.24E-4	6.33E-4
31	CC1	0.3704	0.3897	-0.2891	1.73E-3	-9.84E-4	-9.74E-4
	CC2	0.4036	0.3101	-0.2622	1.39E-3	-1.01E-3	-7.51E-4
	CC3	0.4343	-0.1547	-0.1510	5.38E-4	-1.49E-3	-8.36E-4
	CC4	0.4675	-0.2342	-0.1242	2.04E-4	-1.51E-3	-6.13E-4
	CC5	-0.5259	0.2641	-0.0390	3.05E-5	2.05E-3	5.95E-4
	CC6	-0.4927	0.1845	-0.0122	-3.04E-4	2.02E-3	8.18E-4
	CC7	-0.4620	-0.2803	0.0990	-1.16E-3	1.54E-3	7.33E-4
	CC8	-0.4288	-0.3598	0.1259	-1.50E-3	1.52E-3	9.56E-4
	CC9	-0.0276	1.0042	-0.3705	2.62E-3	6.73E-4	-6.51E-4
	CC10	0.0251	0.8778	-0.3279	2.09E-3	6.29E-4	-2.98E-4
	CC11	-0.2965	0.9665	-0.2955	2.11E-3	1.58E-3	-1.81E-4
	CC12	-0.2437	0.8401	-0.2528	1.58E-3	1.54E-3	1.73E-4
	CC13	0.1853	-0.8103	0.0897	-1.35E-3	-1.01E-3	-1.91E-4
	CC14	0.2381	-0.9367	0.1323	-1.88E-3	-1.05E-3	1.62E-4
	CC15	-0.0835	-0.8480	0.1647	-1.86E-3	-9.67E-5	2.79E-4
	CC16	-0.0308	-0.9743	0.2073	-2.39E-3	-1.40E-4	6.33E-4
32	CC1	0.4874	0.3897	-0.0667	1.92E-3	-5.83E-4	-9.72E-4
	CC2	0.4939	0.3101	-0.0817	1.57E-3	-7.00E-4	-7.49E-4
	CC3	0.5347	-0.1546	-0.0688	7.62E-4	-1.00E-3	-8.34E-4
	CC4	0.5412	-0.2342	-0.0838	4.10E-4	-1.12E-3	-6.11E-4
	CC5	-0.5972	0.2641	-0.0518	-1.81E-4	1.63E-3	5.97E-4

	CC6	-0.5907	0.1845	-0.0668	-5.32E-4	1.51E-3	8.20E-4
	CC7	-0.5498	-0.2803	-0.0539	-1.34E-3	1.21E-3	7.35E-4
	CC8	-0.5434	-0.3598	-0.0689	-1.69E-3	1.10E-3	9.58E-4
	CC9	0.0507	1.0042	-0.0546	2.64E-3	7.14E-4	-6.49E-4
	CC10	0.0610	0.8778	-0.0785	2.08E-3	5.28E-4	-2.96E-4
	CC11	-0.2747	0.9665	-0.0502	2.01E-3	1.38E-3	-1.79E-4
	CC12	-0.2644	0.8401	-0.0740	1.45E-3	1.19E-3	1.75E-4
	CC13	0.2084	-0.8103	-0.0616	-1.22E-3	-6.80E-4	-1.89E-4
	CC14	0.2187	-0.9366	-0.0855	-1.78E-3	-8.66E-4	1.64E-4
	CC15	-0.1169	-0.8479	-0.0571	-1.86E-3	-1.55E-5	2.82E-4
	CC16	-0.1067	-0.9743	-0.0810	-2.41E-3	-2.02E-4	6.35E-4
33	CC1	0.4963	-0.1422	-0.0690	1.62E-3	-1.00E-3	-9.40E-4
	CC2	0.5027	-0.0970	-0.0413	1.42E-3	-9.66E-4	-7.17E-4
	CC3	0.5436	-0.6092	0.1049	4.94E-5	-7.00E-4	-8.02E-4
	CC4	0.5501	-0.5641	0.1326	-1.55E-4	-6.62E-4	-5.79E-4
	CC5	-0.5883	0.6109	-0.3093	1.94E-4	-4.23E-4	6.29E-4
	CC6	-0.5818	0.6561	-0.2816	-1.07E-5	-3.85E-4	8.52E-4
	CC7	-0.5410	0.1439	-0.1354	-1.38E-3	-1.19E-4	7.67E-4
	CC8	-0.5345	0.1890	-0.1076	-1.58E-3	-8.14E-5	9.90E-4
	CC9	0.0596	0.6530	-0.3642	3.01E-3	-1.17E-3	-6.17E-4
	CC10	0.0698	0.7247	-0.3201	2.69E-3	-1.11E-3	-2.64E-4
	CC11	-0.2658	0.8790	-0.4363	2.59E-3	-9.92E-4	-1.47E-4
	CC12	-0.2555	0.9506	-0.3922	2.26E-3	-9.32E-4	2.07E-4
	CC13	0.2173	-0.9038	0.2155	-2.22E-3	-1.54E-4	-1.57E-4
	CC14	0.2276	-0.8321	0.2596	-2.55E-3	-9.36E-5	1.96E-4
	CC15	-0.1081	-0.6779	0.1434	-2.65E-3	2.03E-5	3.14E-4
	CC16	-0.0978	-0.6062	0.1875	-2.97E-3	8.07E-5	6.67E-4
34	CC1	0.3853	-0.1425	-0.0864	-1.83E-4	-3.20E-4	-9.20E-4
	CC2	0.4185	-0.0973	-0.0630	-1.46E-4	-3.36E-4	-6.98E-4
	CC3	0.4492	-0.6095	0.0790	-9.58E-5	-4.66E-4	-7.82E-4
	CC4	0.4824	-0.5644	0.1024	-5.85E-5	-4.83E-4	-5.60E-4
	CC5	-0.5110	0.6106	-0.2533	-1.58E-4	-4.17E-4	6.49E-4
	CC6	-0.4778	0.6558	-0.2299	-1.21E-4	-4.34E-4	8.72E-4
	CC7	-0.4471	0.1436	-0.0879	-7.10E-5	-5.64E-4	7.87E-4
	CC8	-0.4139	0.1887	-0.0645	-3.36E-5	-5.80E-4	1.01E-3
	CC9	-0.0127	0.6527	-0.3446	-2.87E-4	-1.78E-4	-5.98E-4
	CC10	0.0400	0.7244	-0.3074	-2.27E-4	-2.04E-4	-2.44E-4
	CC11	-0.2816	0.8787	-0.3947	-2.79E-4	-2.07E-4	-1.27E-4
	CC12	-0.2289	0.9503	-0.3575	-2.20E-4	-2.33E-4	2.27E-4
	CC13	0.2002	-0.9041	0.2067	3.44E-6	-6.66E-4	-1.38E-4
	CC14	0.2530	-0.8324	0.2438	6.28E-5	-6.93E-4	2.16E-4
	CC15	-0.0686	-0.6781	0.1566	1.09E-5	-6.96E-4	3.33E-4
	CC16	-0.0159	-0.6065	0.1938	7.03E-5	-7.22E-4	6.87E-4
35	CC1	0.6419	-0.1422	0.3979	3.47E-3	-6.63E-4	-9.34E-4
	CC2	0.6139	-0.0971	0.3299	2.71E-3	-6.42E-4	-7.12E-4
	CC3	0.6678	-0.6093	-0.0796	-1.59E-3	-7.08E-4	-7.96E-4
	CC4	0.6398	-0.5642	-0.1476	-2.35E-3	-6.87E-4	-5.74E-4
	CC5	-0.6859	0.6109	0.0244	2.71E-3	-9.44E-5	6.35E-4
	CC6	-0.7139	0.6560	-0.0437	1.96E-3	-7.29E-5	8.57E-4
	CC7	-0.6600	0.1438	-0.4531	-2.35E-3	-1.39E-4	7.73E-4
	CC8	-0.6880	0.1889	-0.5212	-3.10E-3	-1.18E-4	9.96E-4
	CC9	0.1552	0.6530	0.8443	9.33E-3	-4.18E-4	-6.12E-4
	CC10	0.1106	0.7246	0.7362	8.13E-3	-3.84E-4	-2.58E-4
	CC11	-0.2432	0.8789	0.7322	9.10E-3	-2.47E-4	-1.41E-4
	CC12	-0.2877	0.9506	0.6241	7.90E-3	-2.13E-4	2.13E-4
	CC13	0.2416	-0.9039	-0.7474	-7.54E-3	-5.68E-4	-1.52E-4
	CC14	0.1970	-0.8322	-0.8555	-8.74E-3	-5.34E-4	2.02E-4
	CC15	-0.1567	-0.6779	-0.8594	-7.77E-3	-3.97E-4	3.19E-4
	CC16	-0.2013	-0.6063	-0.9676	-8.97E-3	-3.63E-4	6.73E-4
36	CC1	0.3848	-0.2401	-0.0776	2.13E-4	-1.71E-4	-9.65E-4
	CC2	0.4180	-0.1716	-0.0460	2.49E-4	-2.51E-4	-7.42E-4
	CC3	0.4487	-0.6926	0.1419	2.73E-4	-7.00E-4	-8.27E-4
	CC4	0.4819	-0.6241	0.1735	3.09E-4	-7.81E-4	-6.04E-4
	CC5	-0.5115	0.6778	-0.2458	-5.02E-4	6.34E-5	6.04E-4
	CC6	-0.4783	0.7463	-0.2143	-4.66E-4	-1.73E-5	8.27E-4
	CC7	-0.4476	0.2252	-0.0263	-4.42E-4	-4.66E-4	7.42E-4
	CC8	-0.4144	0.2937	0.0053	-4.06E-4	-5.47E-4	9.65E-4
	CC9	-0.0132	0.5890	-0.4019	-1.17E-4	5.53E-4	-6.42E-4
	CC10	0.0396	0.6978	-0.3517	-6.02E-5	4.24E-4	-2.89E-4
	CC11	-0.2820	0.8644	-0.4523	-3.31E-4	6.23E-4	-1.71E-4
	CC12	-0.2293	0.9732	-0.4022	-2.75E-4	4.95E-4	1.82E-4
	CC13	0.1998	-0.9195	0.3298	8.16E-5	-1.21E-3	-1.82E-4
	CC14	0.2525	-0.8107	0.3800	1.38E-4	-1.34E-3	1.71E-4

	CC15	-0.0691	-0.6441	0.2794	-1.33E-4	-1.14E-3	2.89E-4
	CC16	-0.0164	-0.5353	0.3295	-7.63E-5	-1.27E-3	6.42E-4
37	CC1	0.6420	-0.2406	0.4372	3.10E-3	-3.23E-4	-9.65E-4
	CC2	0.6140	-0.1721	0.3744	2.42E-3	-3.83E-4	-7.42E-4
	CC3	0.6679	-0.6931	0.0055	-1.44E-3	-7.88E-4	-8.27E-4
	CC4	0.6399	-0.6246	-0.0574	-2.12E-3	-8.48E-4	-6.04E-4
	CC5	-0.6858	0.6773	0.0028	2.44E-3	2.07E-4	6.04E-4
	CC6	-0.7138	0.7458	-0.0601	1.75E-3	1.47E-4	8.27E-4
	CC7	-0.6599	0.2248	-0.4290	-2.10E-3	-2.58E-4	7.42E-4
	CC8	-0.6879	0.2933	-0.4918	-2.78E-3	-3.18E-4	9.65E-4
	CC9	0.1553	0.5885	0.8074	8.36E-3	4.23E-4	-6.42E-4
	CC10	0.1107	0.6973	0.7076	7.28E-3	3.28E-4	-2.89E-4
	CC11	-0.2431	0.8639	0.6771	8.16E-3	5.82E-4	-1.71E-4
	CC12	-0.2876	0.9727	0.5772	7.08E-3	4.87E-4	1.82E-4
	CC13	0.2417	-0.9200	-0.6318	-6.77E-3	-1.13E-3	-1.82E-4
	CC14	0.1971	-0.8112	-0.7317	-7.85E-3	-1.22E-3	1.71E-4
	CC15	-0.1567	-0.6446	-0.7622	-6.97E-3	-9.68E-4	2.89E-4
	CC16	-0.2012	-0.5358	-0.8620	-8.05E-3	-1.06E-3	6.42E-4
38	CC1	0.4249	1.3331	-0.2588	-1.72E-3	-1.92E-3	-2.31E-3
	CC2	0.5687	0.9930	-0.2410	-1.86E-3	-1.98E-3	-1.42E-3
	CC3	1.0062	-0.9473	-0.0612	-2.27E-3	-2.15E-3	9.92E-4
	CC4	1.1500	-1.2874	-0.0434	-2.41E-3	-2.20E-3	1.88E-3
	CC5	-1.1067	1.3953	-0.2061	2.03E-3	-7.78E-5	-1.62E-3
	CC6	-0.9630	1.0552	-0.1883	1.89E-3	-1.33E-4	-7.33E-4
	CC7	-0.5254	-0.8852	-0.0085	1.47E-3	-3.04E-4	1.68E-3
	CC8	-0.3816	-1.2253	0.0093	1.33E-3	-3.59E-4	2.56E-3
	CC9	-0.8317	4.1155	-0.4761	2.87E-4	-9.95E-4	-6.17E-3
	CC10	-0.6034	3.5753	-0.4479	6.29E-5	-1.08E-3	-4.76E-3
	CC11	-1.2912	4.1341	-0.4603	1.41E-3	-4.43E-4	-5.97E-3
	CC12	-1.0629	3.5939	-0.4321	1.19E-3	-5.30E-4	-4.56E-3
	CC13	1.1061	-3.4860	0.1826	-1.57E-3	-1.75E-3	4.82E-3
	CC14	1.3345	-4.0263	0.2108	-1.79E-3	-1.84E-3	6.23E-3
	CC15	0.6466	-3.4674	0.1984	-4.46E-4	-1.20E-3	5.02E-3
	CC16	0.8750	-4.0076	0.2266	-6.70E-4	-1.28E-3	6.43E-3
39	CC1	0.9325	1.3334	-0.1500	3.95E-3	-1.52E-3	-2.30E-3
	CC2	0.8811	0.9933	-0.1695	3.11E-3	-1.45E-3	-1.41E-3
	CC3	0.7884	-0.9471	-0.3218	-1.92E-3	-1.04E-3	9.97E-4
	CC4	0.7369	-1.2872	-0.3413	-2.77E-3	-9.67E-4	1.88E-3
	CC5	-0.7498	1.3955	0.1480	3.42E-3	4.23E-4	-1.62E-3
	CC6	-0.8013	1.0554	0.1285	2.58E-3	4.91E-4	-7.28E-4
	CC7	-0.8940	-0.8849	-0.0238	-2.45E-3	9.07E-4	1.68E-3
	CC8	-0.9454	-1.2250	-0.0433	-3.30E-3	9.75E-4	2.57E-3
	CC9	0.5270	4.1158	0.1605	1.09E-2	-1.42E-3	-6.17E-3
	CC10	0.4453	3.5755	0.1295	9.53E-3	-1.32E-3	-4.76E-3
	CC11	0.0223	4.1344	0.2499	1.07E-2	-8.41E-4	-5.96E-3
	CC12	-0.0594	3.5941	0.2189	9.37E-3	-7.33E-4	-4.55E-3
	CC13	0.0465	-3.4858	-0.4123	-8.71E-3	1.89E-4	4.82E-3
	CC14	-0.0352	-4.0260	-0.4432	-1.01E-2	2.97E-4	6.23E-3
	CC15	-0.4582	-3.4671	-0.3228	-8.87E-3	7.71E-4	5.03E-3
	CC16	-0.5399	-4.0074	-0.3538	-1.02E-2	8.79E-4	6.44E-3
40	CC1	0.6554	1.3331	-0.4041	2.95E-4	-6.05E-4	-2.32E-3
	CC2	0.7104	0.9930	-0.3935	1.75E-4	-7.11E-4	-1.43E-3
	CC3	0.9069	-0.9474	-0.2564	-1.15E-3	-1.34E-3	9.82E-4
	CC4	0.9620	-1.2875	-0.2458	-1.27E-3	-1.45E-3	1.87E-3
	CC5	-0.9448	1.3952	-0.0289	1.49E-3	2.27E-4	-1.63E-3
	CC6	-0.8898	1.0551	-0.0183	1.37E-3	1.21E-4	-7.44E-4
	CC7	-0.6932	-0.8853	0.1188	4.65E-5	-5.09E-4	1.67E-3
	CC8	-0.6382	-1.2254	0.1294	-7.31E-5	-6.15E-4	2.55E-3
	CC9	-0.2144	4.1154	-0.4481	2.44E-3	5.76E-4	-6.18E-3
	CC10	-0.1270	3.5752	-0.4313	2.25E-3	4.07E-4	-4.78E-3
	CC11	-0.6944	4.1340	-0.3355	2.80E-3	8.25E-4	-5.98E-3
	CC12	-0.6070	3.5938	-0.3187	2.61E-3	6.57E-4	-4.57E-3
	CC13	0.6242	-3.4861	0.0440	-2.39E-3	-1.88E-3	4.81E-3
	CC14	0.7116	-4.0264	0.0608	-2.58E-3	-2.05E-3	6.22E-3
	CC15	0.1442	-3.4675	0.1566	-2.03E-3	-1.63E-3	5.01E-3
	CC16	0.2316	-4.0077	0.1734	-2.22E-3	-1.80E-3	6.42E-3
41	CC1	0.3268	1.3331	-0.2291	8.10E-4	-1.42E-3	-2.31E-3
	CC2	0.5083	0.9930	-0.1990	3.24E-4	-1.59E-3	-1.43E-3
	CC3	1.0483	-0.9473	0.0295	-1.86E-3	-2.21E-3	9.85E-4
	CC4	1.2298	-1.2874	0.0596	-2.34E-3	-2.38E-3	1.87E-3
	CC5	-1.1757	1.3952	-0.2991	2.36E-3	2.91E-4	-1.63E-3
	CC6	-0.9942	1.0552	-0.2690	1.88E-3	1.21E-4	-7.40E-4
	CC7	-0.4542	-0.8852	-0.0405	-3.04E-4	-5.01E-4	1.67E-3

	CC8	-0.2727	-1.2253	-0.0104	-7.90E-4	-6.70E-4	2.56E-3
	CC9	-1.0942	4.1155	-0.5642	4.61E-3	1.50E-4	-6.18E-3
	CC10	-0.8059	3.5752	-0.5164	3.84E-3	-1.20E-4	-4.77E-3
	CC11	-1.5449	4.1341	-0.5852	5.08E-3	6.64E-4	-5.98E-3
	CC12	-1.2567	3.5939	-0.5374	4.31E-3	3.95E-4	-4.57E-3
	CC13	1.3108	-3.4861	0.2979	-4.28E-3	-2.49E-3	4.81E-3
	CC14	1.5991	-4.0263	0.3457	-5.06E-3	-2.76E-3	6.22E-3
	CC15	0.8601	-3.4674	0.2769	-3.82E-3	-1.97E-3	5.02E-3
	CC16	1.1483	-4.0077	0.3247	-4.59E-3	-2.24E-3	6.43E-3
42	CC1	0.1594	1.3331	-0.2477	7.57E-5	-1.71E-3	-2.31E-3
	CC2	0.4052	0.9930	-0.1914	-2.36E-4	-1.89E-3	-1.42E-3
	CC3	1.1200	-0.9473	0.1550	-1.65E-3	-2.51E-3	9.89E-4
	CC4	1.3658	-1.2874	0.2112	-1.96E-3	-2.69E-3	1.88E-3
	CC5	-1.2934	1.3952	-0.4667	2.31E-3	-5.10E-5	-1.62E-3
	CC6	-1.0476	1.0551	-0.4105	2.00E-3	-2.32E-4	-7.36E-4
	CC7	-0.3328	-0.8852	-0.0641	5.81E-4	-8.45E-4	1.67E-3
	CC8	-0.0870	-1.2253	-0.0079	2.70E-4	-1.03E-3	2.56E-3
	CC9	-1.5421	4.1155	-0.8106	2.96E-3	-1.53E-4	-6.18E-3
	CC10	-1.1516	3.5752	-0.7213	2.47E-3	-4.40E-4	-4.77E-3
	CC11	-1.9779	4.1341	-0.8763	3.63E-3	3.46E-4	-5.97E-3
	CC12	-1.5875	3.5939	-0.7870	3.14E-3	5.89E-5	-4.56E-3
	CC13	1.6599	-3.4861	0.5315	-2.79E-3	-2.80E-3	4.82E-3
	CC14	2.0503	-4.0263	0.6208	-3.29E-3	-3.09E-3	6.23E-3
	CC15	1.2240	-3.4674	0.4658	-2.12E-3	-2.30E-3	5.02E-3
	CC16	1.6145	-4.0077	0.5551	-2.62E-3	-2.59E-3	6.43E-3
43	CC1	1.0132	1.3334	-0.0402	2.80E-3	-1.56E-3	-2.31E-3
	CC2	0.9307	0.9933	-0.0799	2.34E-3	-1.50E-3	-1.42E-3
	CC3	0.7537	-0.9471	-0.3692	-1.10E-3	-1.06E-3	9.90E-4
	CC4	0.6712	-1.2872	-0.4089	-1.56E-3	-9.96E-4	1.88E-3
	CC5	-0.6931	1.3955	0.2400	2.29E-3	4.18E-4	-1.62E-3
	CC6	-0.7756	1.0554	0.2003	1.83E-3	4.85E-4	-7.35E-4
	CC7	-0.9527	-0.8850	-0.0891	-1.61E-3	9.17E-4	1.68E-3
	CC8	-1.0352	-1.2250	-0.1287	-2.07E-3	9.84E-4	2.56E-3
	CC9	0.7431	4.1157	0.4534	7.31E-3	-1.47E-3	-6.18E-3
	CC10	0.6121	3.5755	0.3904	6.58E-3	-1.36E-3	-4.77E-3
	CC11	0.2312	4.1344	0.5375	7.16E-3	-8.77E-4	-5.97E-3
	CC12	0.1002	3.5941	0.4745	6.42E-3	-7.70E-4	-4.56E-3
	CC13	-0.1221	-3.4858	-0.6434	-5.70E-3	1.92E-4	4.82E-3
	CC14	-0.2532	-4.0260	-0.7064	-6.43E-3	2.99E-4	6.23E-3
	CC15	-0.6340	-3.4672	-0.5593	-5.85E-3	7.86E-4	5.02E-3
	CC16	-0.7651	-4.0074	-0.6224	-6.58E-3	8.93E-4	6.43E-3
44	CC1	0.0786	1.3331	-0.2503	7.49E-5	-1.73E-3	-2.31E-3
	CC2	0.3555	0.9930	-0.1833	-2.33E-4	-1.91E-3	-1.42E-3
	CC3	1.1546	-0.9473	0.2125	-1.64E-3	-2.53E-3	9.89E-4
	CC4	1.4315	-1.2874	0.2795	-1.95E-3	-2.71E-3	1.88E-3
	CC5	-1.3502	1.3952	-0.5476	2.31E-3	-6.83E-5	-1.62E-3
	CC6	-1.0734	1.0551	-0.4805	2.00E-3	-2.50E-4	-7.36E-4
	CC7	-0.2742	-0.8852	-0.0848	5.99E-4	-8.61E-4	1.67E-3
	CC8	0.0026	-1.2253	-0.0177	2.91E-4	-1.04E-3	2.56E-3
	CC9	-1.7583	4.1155	-0.9140	2.95E-3	-1.72E-4	-6.18E-3
	CC10	-1.3185	3.5752	-0.8075	2.46E-3	-4.60E-4	-4.77E-3
	CC11	-2.1869	4.1341	-1.0032	3.62E-3	3.27E-4	-5.97E-3
	CC12	-1.7472	3.5939	-0.8967	3.13E-3	3.92E-5	-4.56E-3
	CC13	1.8284	-3.4861	0.6286	-2.76E-3	-2.81E-3	4.82E-3
	CC14	2.2682	-4.0263	0.7351	-3.25E-3	-3.10E-3	6.22E-3
	CC15	1.3998	-3.4674	0.5394	-2.09E-3	-2.32E-3	5.02E-3
	CC16	1.8395	-4.0077	0.6459	-2.58E-3	-2.60E-3	6.43E-3
45	CC1	1.0134	1.7601	-0.4410	1.85E-3	-2.06E-3	-2.44E-3
	CC2	0.9309	1.2559	-0.4763	1.60E-3	-2.11E-3	-1.55E-3
	CC3	0.7539	-1.1304	-0.7043	-6.30E-4	-2.15E-3	8.63E-4
	CC4	0.6713	-1.6346	-0.7396	-8.80E-4	-2.20E-3	1.75E-3
	CC5	-0.6929	1.6955	0.2213	1.90E-3	-2.03E-4	-1.75E-3
	CC6	-0.7754	1.1913	0.1861	1.65E-3	-2.52E-4	-8.63E-4
	CC7	-0.9525	-1.1950	-0.0420	-5.85E-4	-2.95E-4	1.55E-3
	CC8	-1.0350	-1.6993	-0.0772	-8.35E-4	-3.44E-4	2.44E-3
	CC9	0.7433	5.2582	0.1083	4.83E-3	-1.29E-3	-6.30E-3
	CC10	0.6123	4.4572	0.0523	4.43E-3	-1.36E-3	-4.89E-3
	CC11	0.2314	5.2388	0.3070	4.85E-3	-7.30E-4	-6.10E-3
	CC12	0.1004	4.4378	0.2510	4.45E-3	-8.08E-4	-4.69E-3
	CC13	-0.1219	-4.3770	-0.7693	-3.43E-3	-1.59E-3	4.69E-3
	CC14	-0.2530	-5.1779	-0.8253	-3.83E-3	-1.67E-3	6.10E-3
	CC15	-0.6338	-4.3963	-0.5706	-3.42E-3	-1.04E-3	4.89E-3
	CC16	-0.7649	-5.1973	-0.6266	-3.82E-3	-1.11E-3	6.30E-3

46	CC1	0.0786	1.7602	-0.6166	-1.64E-4	-2.17E-3	-2.44E-3
	CC2	0.3555	1.2559	-0.5773	-4.08E-4	-2.28E-3	-1.55E-3
	CC3	1.1547	-1.1304	-0.2668	-1.55E-3	-2.58E-3	8.63E-4
	CC4	1.4315	-1.6346	-0.2275	-1.80E-3	-2.69E-3	1.75E-3
	CC5	-1.3502	1.6955	-0.5910	2.25E-3	-3.45E-4	-1.75E-3
	CC6	-1.0734	1.1913	-0.5517	2.01E-3	-4.57E-4	-8.63E-4
	CC7	-0.2742	-1.1950	-0.2412	8.65E-4	-7.55E-4	1.55E-3
	CC8	0.0026	-1.6993	-0.2019	6.20E-4	-8.66E-4	2.44E-3
	CC9	-1.7583	5.2582	-1.0273	2.37E-3	-1.02E-3	-6.30E-3
	CC10	-1.3185	4.4572	-0.9649	1.98E-3	-1.20E-3	-4.89E-3
	CC11	-2.1869	5.2388	-1.0196	3.10E-3	-4.73E-4	-6.10E-3
	CC12	-1.7472	4.4378	-0.9572	2.71E-3	-6.50E-4	-4.69E-3
	CC13	1.8284	-4.3769	0.1387	-2.25E-3	-2.39E-3	4.69E-3
	CC14	2.2682	-5.1779	0.2011	-2.64E-3	-2.56E-3	6.10E-3
	CC15	1.3998	-4.3963	0.1464	-1.53E-3	-1.84E-3	4.89E-3
	CC16	1.8395	-5.1973	0.2088	-1.92E-3	-2.02E-3	6.30E-3
47	CC1	0.3145	0.3239	-0.3153	1.42E-3	-1.34E-3	-4.84E-4
	CC2	0.3326	0.2536	-0.3088	1.14E-3	-1.41E-3	-3.37E-4
	CC3	0.3560	-0.1582	-0.2438	-2.57E-5	-1.56E-3	-6.83E-5
	CC4	0.3741	-0.2286	-0.2374	-3.10E-4	-1.64E-3	7.88E-5
	CC5	-0.3951	0.2441	0.1237	5.16E-4	2.06E-3	-7.06E-5
	CC6	-0.3771	0.1738	0.1301	2.32E-4	1.98E-3	7.64E-5
	CC7	-0.3536	-0.2380	0.1951	-9.35E-4	1.83E-3	3.45E-4
	CC8	-0.3355	-0.3083	0.2016	-1.22E-3	1.76E-3	4.92E-4
	CC9	0.0124	0.8791	-0.2469	2.88E-3	1.25E-4	-8.67E-4
	CC10	0.0411	0.7674	-0.2367	2.43E-3	1.04E-5	-6.33E-4
	CC11	-0.2005	0.8552	-0.1152	2.61E-3	1.14E-3	-7.43E-4
	CC12	-0.1718	0.7435	-0.1050	2.16E-3	1.03E-3	-5.09E-4
	CC13	0.1508	-0.7279	-0.0087	-1.95E-3	-6.10E-4	5.18E-4
	CC14	0.1794	-0.8396	0.0015	-2.40E-3	-7.24E-4	7.51E-4
	CC15	-0.0621	-0.7519	0.1230	-2.23E-3	4.10E-4	6.41E-4
	CC16	-0.0334	-0.8636	0.1332	-2.68E-3	2.95E-4	8.75E-4
48	CC1	0.3341	0.3239	-0.2591	1.39E-3	-1.41E-3	-4.90E-4
	CC2	0.3463	0.2536	-0.2640	1.11E-3	-1.47E-3	-3.43E-4
	CC3	0.3590	-0.1582	-0.2455	-5.58E-5	-1.66E-3	-7.43E-5
	CC4	0.3712	-0.2286	-0.2503	-3.39E-4	-1.71E-3	7.28E-5
	CC5	-0.3920	0.2441	0.1446	5.39E-4	2.11E-3	-7.66E-5
	CC6	-0.3799	0.1738	0.1397	2.56E-4	2.05E-3	7.05E-5
	CC7	-0.3671	-0.2380	0.1582	-9.06E-4	1.86E-3	3.39E-4
	CC8	-0.3550	-0.3083	0.1533	-1.19E-3	1.81E-3	4.86E-4
	CC9	0.0473	0.8791	-0.1323	2.86E-3	1.17E-4	-8.73E-4
	CC10	0.0666	0.7674	-0.1400	2.41E-3	2.99E-5	-6.39E-4
	CC11	-0.1705	0.8552	-0.0112	2.60E-3	1.17E-3	-7.49E-4
	CC12	-0.1512	0.7435	-0.0189	2.15E-3	1.09E-3	-5.15E-4
	CC13	0.1303	-0.7279	-0.0869	-1.95E-3	-6.90E-4	5.12E-4
	CC14	0.1496	-0.8396	-0.0946	-2.40E-3	-7.78E-4	7.45E-4
	CC15	-0.0875	-0.7519	0.0342	-2.21E-3	3.65E-4	6.35E-4
	CC16	-0.0682	-0.8636	0.0265	-2.66E-3	2.78E-4	8.69E-4
49	CC1	0.2238	0.2240	-0.2860	1.39E-3	-1.35E-3	-3.97E-4
	CC2	0.2345	0.1739	-0.2852	1.11E-3	-1.42E-3	-2.79E-4
	CC3	0.2435	-0.1528	-0.2436	-6.18E-5	-1.57E-3	1.72E-5
	CC4	0.2543	-0.2029	-0.2428	-3.42E-4	-1.63E-3	1.36E-4
	CC5	-0.2504	0.2045	0.1333	5.36E-4	2.00E-3	-1.03E-4
	CC6	-0.2397	0.1544	0.1341	2.56E-4	1.93E-3	1.57E-5
	CC7	-0.2306	-0.1723	0.1757	-9.14E-4	1.78E-3	3.12E-4
	CC8	-0.2199	-0.2224	0.1765	-1.19E-3	1.72E-3	4.30E-4
	CC9	0.0316	0.6715	-0.1890	2.86E-3	8.63E-5	-8.12E-4
	CC10	0.0486	0.5919	-0.1877	2.42E-3	-1.46E-5	-6.24E-4
	CC11	-0.1107	0.6657	-0.0632	2.61E-3	1.09E-3	-7.24E-4
	CC12	-0.0937	0.5861	-0.0619	2.16E-3	9.91E-4	-5.36E-4
	CC13	0.0975	-0.5845	-0.0476	-1.97E-3	-6.25E-4	5.69E-4
	CC14	0.1145	-0.6641	-0.0464	-2.41E-3	-7.26E-4	7.57E-4
	CC15	-0.0447	-0.5903	0.0782	-2.22E-3	3.81E-4	6.57E-4
	CC16	-0.0277	-0.6699	0.0794	-2.67E-3	2.80E-4	8.45E-4
50	CC1	0.3254	0.0953	0.0518	7.84E-4	-3.78E-4	-4.88E-4
	CC2	0.3405	0.0919	0.0915	5.96E-4	-4.66E-4	-3.41E-4
	CC3	0.3586	-0.1979	0.2397	-7.34E-4	-6.49E-4	-7.24E-5
	CC4	0.3737	-0.2013	0.2793	-9.22E-4	-7.37E-4	7.47E-5
	CC5	-0.3925	0.2034	-1.1234	1.04E-3	3.85E-3	-7.47E-5
	CC6	-0.3774	0.2000	-1.0838	8.49E-4	3.76E-3	7.24E-5
	CC7	-0.3593	-0.0897	-0.9356	-4.81E-4	3.58E-3	3.41E-4
	CC8	-0.3442	-0.0931	-0.8959	-6.69E-4	3.49E-3	4.88E-4
	CC9	0.0310	0.4762	-0.5903	2.70E-3	1.44E-3	-8.71E-4

	CC10	0.0549	0.4707	-0.5274	2.40E-3	1.30E-3	-6.37E-4
	CC11	-0.1844	0.5086	-0.9429	2.78E-3	2.71E-3	-7.47E-4
	CC12	-0.1604	0.5032	-0.8800	2.48E-3	2.57E-3	-5.13E-4
	CC13	0.1416	-0.5010	0.0359	-2.36E-3	5.40E-4	5.13E-4
	CC14	0.1656	-0.5064	0.0988	-2.66E-3	4.00E-4	7.47E-4
	CC15	-0.0737	-0.4686	-0.3167	-2.28E-3	1.81E-3	6.37E-4
	CC16	-0.0498	-0.4740	-0.2537	-2.58E-3	1.67E-3	8.71E-4
51	CC1	0.2913	0.1408	-0.0371	7.61E-4	-4.52E-4	-4.88E-4
	CC2	0.3163	0.1241	0.0071	5.69E-4	-5.38E-4	-3.41E-4
	CC3	0.3525	-0.1898	0.2283	-7.67E-4	-7.15E-4	-7.24E-5
	CC4	0.3776	-0.2064	0.2725	-9.58E-4	-8.02E-4	7.47E-5
	CC5	-0.3987	0.2117	-0.8497	1.02E-3	3.76E-3	-7.47E-5
	CC6	-0.3737	0.1951	-0.8055	8.28E-4	3.68E-3	7.24E-5
	CC7	-0.3375	-0.1188	-0.5843	-5.08E-4	3.50E-3	3.41E-4
	CC8	-0.3124	-0.1354	-0.5401	-6.99E-4	3.41E-3	4.88E-4
	CC9	-0.0290	0.5561	-0.6443	2.69E-3	1.36E-3	-8.71E-4
	CC10	0.0107	0.5297	-0.5741	2.39E-3	1.22E-3	-6.37E-4
	CC11	-0.2360	0.5774	-0.8880	2.77E-3	2.62E-3	-7.47E-4
	CC12	-0.1963	0.5510	-0.8179	2.46E-3	2.48E-3	-5.13E-4
	CC13	0.1751	-0.5456	0.2406	-2.40E-3	4.78E-4	5.13E-4
	CC14	0.2149	-0.5721	0.3108	-2.71E-3	3.41E-4	7.47E-4
	CC15	-0.0319	-0.5243	-0.0031	-2.32E-3	1.74E-3	6.37E-4
	CC16	0.0079	-0.5508	0.0671	-2.63E-3	1.60E-3	8.71E-4
52	CC1	0.2875	0.1862	-0.1011	7.94E-4	-8.53E-4	-4.88E-4
	CC2	0.3137	0.1563	-0.0637	6.08E-4	-9.50E-4	-3.41E-4
	CC3	0.3519	-0.1817	0.1492	-6.73E-4	-1.18E-3	-7.24E-5
	CC4	0.3780	-0.2116	0.1866	-8.59E-4	-1.28E-3	7.47E-5
	CC5	-0.3994	0.2200	-0.5301	8.98E-4	3.49E-3	-7.47E-5
	CC6	-0.3733	0.1901	-0.4927	7.12E-4	3.39E-3	7.24E-5
	CC7	-0.3350	-0.1479	-0.2797	-5.69E-4	3.16E-3	3.41E-4
	CC8	-0.3089	-0.1778	-0.2424	-7.55E-4	3.06E-3	4.88E-4
	CC9	-0.0357	0.6360	-0.5543	2.60E-3	1.08E-3	-8.71E-4
	CC10	0.0058	0.5886	-0.4949	2.30E-3	9.22E-4	-6.37E-4
	CC11	-0.2417	0.6462	-0.6830	2.63E-3	2.38E-3	-7.47E-4
	CC12	-0.2002	0.5987	-0.6236	2.33E-3	2.22E-3	-5.13E-4
	CC13	0.1789	-0.5903	0.2801	-2.29E-3	-1.30E-5	5.13E-4
	CC14	0.2204	-0.6378	0.3395	-2.59E-3	-1.68E-4	7.47E-4
	CC15	-0.0272	-0.5802	0.1515	-2.26E-3	1.29E-3	6.37E-4
	CC16	0.0143	-0.6276	0.2108	-2.56E-3	1.13E-3	8.71E-4
53	CC1	0.2894	0.2783	-0.2857	9.32E-4	-7.35E-4	-4.88E-4
	CC2	0.3150	0.2216	-0.2632	7.30E-4	-7.06E-4	-3.41E-4
	CC3	0.3522	-0.1654	-0.0989	-6.61E-4	-1.38E-3	-7.24E-5
	CC4	0.3778	-0.2221	-0.0764	-8.63E-4	-1.35E-3	7.47E-5
	CC5	-0.3990	0.2367	-0.0945	1.10E-3	1.93E-3	-7.47E-5
	CC6	-0.3735	0.1800	-0.0720	8.94E-4	1.96E-3	7.24E-5
	CC7	-0.3362	-0.2070	0.0923	-4.97E-4	1.28E-3	3.41E-4
	CC8	-0.3107	-0.2637	0.1149	-6.99E-4	1.31E-3	4.88E-4
	CC9	-0.0323	0.7981	-0.4434	2.91E-3	9.44E-4	-8.71E-4
	CC10	0.0083	0.7080	-0.4076	2.59E-3	9.90E-4	-6.37E-4
	CC11	-0.2389	0.7856	-0.3860	2.96E-3	1.74E-3	-7.47E-4
	CC12	-0.1982	0.6955	-0.3502	2.64E-3	1.79E-3	-5.13E-4
	CC13	0.1770	-0.6809	0.1793	-2.40E-3	-1.21E-3	5.13E-4
	CC14	0.2176	-0.7710	0.2151	-2.72E-3	-1.17E-3	7.47E-4
	CC15	-0.0295	-0.6934	0.2367	-2.35E-3	-4.16E-4	6.37E-4
	CC16	0.0111	-0.7835	0.2725	-2.67E-3	-3.71E-4	8.71E-4
54	CC1	0.3547	0.2781	-0.1660	7.64E-4	6.58E-4	-4.88E-4
	CC2	0.3610	0.2214	-0.1713	5.62E-4	4.68E-4	-3.41E-4
	CC3	0.3630	-0.1656	-0.1825	-7.68E-4	2.61E-4	-7.24E-5
	CC4	0.3693	-0.2223	-0.1878	-9.69E-4	7.10E-5	7.47E-5
	CC5	-0.3879	0.2365	0.0479	1.21E-3	4.83E-4	-7.47E-5
	CC6	-0.3817	0.1798	0.0425	1.00E-3	2.93E-4	7.24E-5
	CC7	-0.3796	-0.2072	0.0314	-3.26E-4	8.64E-5	3.41E-4
	CC8	-0.3734	-0.2639	0.0260	-5.28E-4	-1.04E-4	4.88E-4
	CC9	0.0833	0.7979	-0.0703	2.76E-3	1.12E-3	-8.71E-4
	CC10	0.0933	0.7078	-0.0788	2.44E-3	8.14E-4	-6.37E-4
	CC11	-0.1395	0.7854	-0.0061	2.90E-3	1.06E-3	-7.47E-4
	CC12	-0.1295	0.6953	-0.0146	2.58E-3	7.62E-4	-5.13E-4
	CC13	0.1109	-0.6811	-0.1253	-2.34E-3	-2.07E-4	5.13E-4
	CC14	0.1209	-0.7712	-0.1338	-2.66E-3	-5.09E-4	7.47E-4
	CC15	-0.1119	-0.6936	-0.0612	-2.21E-3	-2.60E-4	6.37E-4
	CC16	-0.1019	-0.7837	-0.0697	-2.53E-3	-5.62E-4	8.71E-4
55	CC1	0.3557	0.1862	0.0129	9.53E-4	-6.77E-4	-4.88E-4
	CC2	0.3620	0.1564	0.0245	7.54E-4	-7.83E-4	-3.41E-4

	CC3	0.3640	-0.1817	0.0604	-5.62E-4	-9.47E-4	-7.24E-5
	CC4	0.3703	-0.2115	0.0720	-7.62E-4	-1.05E-3	7.47E-5
	CC5	-0.3870	0.2201	-0.3921	1.10E-3	3.40E-3	-7.47E-5
	CC6	-0.3807	0.1902	-0.3806	9.02E-4	3.30E-3	7.24E-5
	CC7	-0.3787	-0.1479	-0.3447	-4.14E-4	3.13E-3	3.41E-4
	CC8	-0.3724	-0.1777	-0.3331	-6.13E-4	3.03E-3	4.88E-4
	CC9	0.0843	0.6361	-0.1876	2.83E-3	1.10E-3	-8.71E-4
	CC10	0.0942	0.5886	-0.1693	2.51E-3	9.29E-4	-6.37E-4
	CC11	-0.1385	0.6462	-0.3092	2.88E-3	2.32E-3	-7.47E-4
	CC12	-0.1286	0.5988	-0.2908	2.56E-3	2.15E-3	-5.13E-4
	CC13	0.1119	-0.5903	-0.0293	-2.22E-3	1.97E-4	5.13E-4
	CC14	0.1218	-0.6377	-0.0110	-2.54E-3	2.93E-5	7.47E-4
	CC15	-0.1109	-0.5801	-0.1509	-2.17E-3	1.42E-3	6.37E-4
	CC16	-0.1010	-0.6276	-0.1325	-2.49E-3	1.25E-3	8.71E-4
56	CC1	0.3557	0.1407	0.0634	8.04E-4	-4.52E-4	-4.88E-4
	CC2	0.3620	0.1241	0.0836	6.18E-4	-5.38E-4	-3.41E-4
	CC3	0.3640	-0.1898	0.1353	-7.12E-4	-7.25E-4	-7.24E-5
	CC4	0.3703	-0.2064	0.1554	-8.98E-4	-8.12E-4	7.47E-5
	CC5	-0.3870	0.2117	-0.7168	1.08E-3	3.80E-3	-7.47E-5
	CC6	-0.3807	0.1951	-0.6967	8.89E-4	3.71E-3	7.24E-5
	CC7	-0.3787	-0.1188	-0.6450	-4.40E-4	3.52E-3	3.41E-4
	CC8	-0.3724	-0.1354	-0.6248	-6.26E-4	3.44E-3	4.88E-4
	CC9	0.0843	0.5561	-0.2994	2.72E-3	1.38E-3	-8.71E-4
	CC10	0.0942	0.5297	-0.2675	2.43E-3	1.24E-3	-6.37E-4
	CC11	-0.1385	0.5774	-0.5335	2.80E-3	2.65E-3	-7.47E-4
	CC12	-0.1286	0.5510	-0.5015	2.51E-3	2.52E-3	-5.13E-4
	CC13	0.1119	-0.5457	-0.0599	-2.33E-3	4.68E-4	5.13E-4
	CC14	0.1218	-0.5721	-0.0279	-2.63E-3	3.31E-4	7.47E-4
	CC15	-0.1109	-0.5244	-0.2939	-2.25E-3	1.74E-3	6.37E-4
	CC16	-0.1010	-0.5508	-0.2620	-2.54E-3	1.61E-3	8.71E-4
57	CC1	0.4386	0.2825	-0.1411	6.67E-4	-9.34E-4	-9.70E-4
	CC2	0.4562	0.2274	-0.1272	5.08E-4	-9.98E-4	-7.48E-4
	CC3	0.4928	-0.2467	-0.0397	-8.05E-4	-1.42E-3	-8.32E-4
	CC4	0.5104	-0.3017	-0.0257	-9.64E-4	-1.49E-3	-6.10E-4
	CC5	-0.5675	0.3295	-0.1764	1.19E-3	2.12E-3	5.99E-4
	CC6	-0.5499	0.2744	-0.1624	1.03E-3	2.06E-3	8.21E-4
	CC7	-0.5133	-0.1997	-0.0750	-2.80E-4	1.63E-3	7.37E-4
	CC8	-0.4957	-0.2548	-0.0610	-4.39E-4	1.57E-3	9.59E-4
	CC9	0.0180	0.9325	-0.2759	2.62E-3	7.24E-4	-6.48E-4
	CC10	0.0460	0.8450	-0.2537	2.36E-3	6.23E-4	-2.94E-4
	CC11	-0.2838	0.9466	-0.2865	2.77E-3	1.64E-3	-1.77E-4
	CC12	-0.2559	0.8591	-0.2643	2.52E-3	1.54E-3	1.77E-4
	CC13	0.1987	-0.8314	0.0622	-2.29E-3	-9.04E-4	-1.88E-4
	CC14	0.2267	-0.9188	0.0843	-2.54E-3	-1.01E-3	1.66E-4
	CC15	-0.1031	-0.8173	0.0516	-2.13E-3	1.27E-5	2.83E-4
	CC16	-0.0752	-0.9047	0.0738	-2.39E-3	-8.82E-5	6.37E-4
58	CC1	0.4001	0.3459	-0.1523	1.20E-3	-2.21E-3	-1.09E-3
	CC2	0.4064	0.2724	-0.1687	9.46E-4	-2.20E-3	-8.57E-4
	CC3	0.4179	-0.1570	-0.1849	2.74E-4	-2.80E-3	-2.49E-4
	CC4	0.4242	-0.2305	-0.2013	1.55E-5	-2.79E-3	-1.41E-5
	CC5	-0.4552	0.2507	0.0927	1.17E-4	3.31E-3	-1.06E-4
	CC6	-0.4489	0.1772	0.0763	-1.41E-4	3.32E-3	1.28E-4
	CC7	-0.4374	-0.2522	0.0601	-8.13E-4	2.72E-3	7.37E-4
	CC8	-0.4311	-0.3257	0.0437	-1.07E-3	2.73E-3	9.71E-4
	CC9	0.0781	0.9210	-0.0237	1.98E-3	4.04E-4	-1.80E-3
	CC10	0.0881	0.8042	-0.0498	1.57E-3	4.19E-4	-1.43E-3
	CC11	-0.1785	0.8924	0.0498	1.66E-3	2.06E-3	-1.50E-3
	CC12	-0.1685	0.7756	0.0237	1.25E-3	2.07E-3	-1.13E-3
	CC13	0.1374	-0.7554	-0.1323	-1.12E-3	-1.55E-3	1.01E-3
	CC14	0.1474	-0.8721	-0.1584	-1.53E-3	-1.54E-3	1.38E-3
	CC15	-0.1191	-0.7839	-0.0588	-1.44E-3	1.03E-4	1.31E-3
	CC16	-0.1092	-0.9007	-0.0849	-1.85E-3	1.18E-4	1.68E-3
59	CC1	0.4523	0.3681	-0.0988	1.46E-3	-1.96E-3	-1.32E-3
	CC2	0.4581	0.2914	-0.1154	1.17E-3	-1.97E-3	-1.06E-3
	CC3	0.4852	-0.1554	-0.1148	6.67E-4	-2.61E-3	-6.05E-4
	CC4	0.4910	-0.2320	-0.1314	3.75E-4	-2.62E-3	-3.40E-4
	CC5	-0.5346	0.2570	0.0092	-2.43E-4	3.18E-3	2.20E-4
	CC6	-0.5288	0.1804	-0.0074	-5.35E-4	3.17E-3	4.85E-4
	CC7	-0.5017	-0.2664	-0.0068	-1.03E-3	2.53E-3	9.37E-4
	CC8	-0.4959	-0.3430	-0.0234	-1.33E-3	2.52E-3	1.20E-3
	CC9	0.0667	0.9624	-0.0375	1.87E-3	6.00E-4	-1.70E-3
	CC10	0.0759	0.8407	-0.0639	1.41E-3	5.90E-4	-1.28E-3
	CC11	-0.2294	0.9291	-0.0051	1.36E-3	2.14E-3	-1.23E-3

	CC12	-0.2202	0.8074	-0.0315	8.97E-4	2.13E-3	-8.13E-4
	CC13	0.1766	-0.7823	-0.0907	-7.64E-4	-1.57E-3	6.93E-4
	CC14	0.1858	-0.9040	-0.1171	-1.23E-3	-1.58E-3	1.11E-3
	CC15	-0.1195	-0.8157	-0.0583	-1.27E-3	-3.08E-5	1.16E-3
	CC16	-0.1103	-0.9374	-0.0847	-1.74E-3	-4.07E-5	1.58E-3
60	CC1	0.4484	0.3897	-0.1423	1.80E-3	-7.03E-4	-9.74E-4
	CC2	0.4638	0.3101	-0.1433	1.46E-3	-7.98E-4	-7.51E-4
	CC3	0.5013	-0.1546	-0.0982	6.17E-4	-1.13E-3	-8.36E-4
	CC4	0.5167	-0.2342	-0.0991	2.75E-4	-1.22E-3	-6.13E-4
	CC5	-0.5734	0.2641	-0.0457	-4.27E-5	1.74E-3	5.95E-4
	CC6	-0.5580	0.1845	-0.0466	-3.85E-4	1.65E-3	8.18E-4
	CC7	-0.5205	-0.2803	-0.0016	-1.23E-3	1.32E-3	7.33E-4
	CC8	-0.5052	-0.3598	-0.0025	-1.57E-3	1.22E-3	9.56E-4
	CC9	0.0246	1.0042	-0.1598	2.64E-3	6.74E-4	-6.51E-4
	CC10	0.0491	0.8778	-0.1612	2.10E-3	5.22E-4	-2.97E-4
	CC11	-0.2819	0.9665	-0.1308	2.09E-3	1.41E-3	-1.80E-4
	CC12	-0.2575	0.8401	-0.1322	1.54E-3	1.26E-3	1.73E-4
	CC13	0.2008	-0.8103	-0.0126	-1.31E-3	-7.36E-4	-1.91E-4
	CC14	0.2252	-0.9366	-0.0140	-1.86E-3	-8.87E-4	1.63E-4
	CC15	-0.1058	-0.8480	0.0164	-1.87E-3	-2.89E-6	2.80E-4
	CC16	-0.0814	-0.9743	0.0150	-2.41E-3	-1.54E-4	6.33E-4
61	CC1	0.4094	0.3897	-0.2165	1.80E-3	-8.49E-4	-9.74E-4
	CC2	0.4337	0.3101	-0.2034	1.46E-3	-9.13E-4	-7.51E-4
	CC3	0.4678	-0.1547	-0.1255	6.01E-4	-1.29E-3	-8.36E-4
	CC4	0.4921	-0.2342	-0.1124	2.62E-4	-1.36E-3	-6.13E-4
	CC5	-0.5496	0.2641	-0.0416	-3.29E-5	1.89E-3	5.95E-4
	CC6	-0.5254	0.1845	-0.0285	-3.72E-4	1.82E-3	8.18E-4
	CC7	-0.4913	-0.2803	0.0494	-1.23E-3	1.44E-3	7.33E-4
	CC8	-0.4670	-0.3598	0.0625	-1.57E-3	1.38E-3	9.56E-4
	CC9	-0.0015	1.0042	-0.2653	2.66E-3	6.47E-4	-6.51E-4
	CC10	0.0371	0.8778	-0.2446	2.12E-3	5.45E-4	-2.98E-4
	CC11	-0.2892	0.9665	-0.2129	2.11E-3	1.47E-3	-1.80E-4
	CC12	-0.2506	0.8401	-0.1921	1.57E-3	1.37E-3	1.73E-4
	CC13	0.1930	-0.8103	0.0381	-1.34E-3	-8.37E-4	-1.91E-4
	CC14	0.2316	-0.9367	0.0589	-1.88E-3	-9.39E-4	1.62E-4
	CC15	-0.0947	-0.8480	0.0906	-1.89E-3	-1.62E-5	2.80E-4
	CC16	-0.0561	-0.9743	0.1113	-2.43E-3	-1.18E-4	6.33E-4
62	CC1	0.3501	0.3691	-0.3148	1.36E-3	-1.07E-3	-1.23E-3
	CC2	0.3806	0.2924	-0.2900	1.07E-3	-1.20E-3	-9.69E-4
	CC3	0.4098	-0.1543	-0.1840	5.85E-4	-1.16E-3	-5.30E-4
	CC4	0.4403	-0.2310	-0.1592	2.94E-4	-1.30E-3	-2.67E-4
	CC5	-0.4858	0.2560	0.0102	-1.66E-4	1.89E-3	1.50E-4
	CC6	-0.4553	0.1793	0.0350	-4.56E-4	1.75E-3	4.13E-4
	CC7	-0.4261	-0.2674	0.1410	-9.40E-4	1.79E-3	8.52E-4
	CC8	-0.3956	-0.3441	0.1658	-1.23E-3	1.65E-3	1.12E-3
	CC9	-0.0210	0.9627	-0.3609	1.81E-3	1.17E-4	-1.64E-3
	CC10	0.0274	0.8409	-0.3215	1.35E-3	-1.03E-4	-1.23E-3
	CC11	-0.2718	0.9287	-0.2634	1.36E-3	1.00E-3	-1.23E-3
	CC12	-0.2234	0.8070	-0.2240	8.96E-4	7.82E-4	-8.12E-4
	CC13	0.1779	-0.7820	0.0750	-7.67E-4	-1.94E-4	6.96E-4
	CC14	0.2264	-0.9037	0.1144	-1.23E-3	-4.14E-4	1.11E-3
	CC15	-0.0728	-0.8159	0.1725	-1.22E-3	6.91E-4	1.11E-3
	CC16	-0.0244	-0.9376	0.2119	-1.69E-3	4.71E-4	1.53E-3
63	CC1	0.3248	0.3468	-0.3427	1.17E-3	-1.23E-3	-1.06E-3
	CC2	0.3516	0.2732	-0.3215	9.12E-4	-1.37E-3	-8.27E-4
	CC3	0.3847	-0.1562	-0.2123	2.58E-4	-1.24E-3	-2.34E-4
	CC4	0.4115	-0.2297	-0.1911	1.54E-6	-1.38E-3	-1.39E-6
	CC5	-0.4438	0.2499	0.0567	1.12E-4	1.94E-3	-1.02E-4
	CC6	-0.4170	0.1764	0.0779	-1.44E-4	1.80E-3	1.31E-4
	CC7	-0.3839	-0.2530	0.1871	-7.98E-4	1.93E-3	7.24E-4
	CC8	-0.3571	-0.3265	0.2083	-1.05E-3	1.79E-3	9.56E-4
	CC9	-0.0219	0.9212	-0.3612	1.94E-3	-6.79E-5	-1.76E-3
	CC10	0.0207	0.8044	-0.3276	1.53E-3	-2.96E-4	-1.39E-3
	CC11	-0.2525	0.8922	-0.2414	1.62E-3	8.83E-4	-1.47E-3
	CC12	-0.2099	0.7754	-0.2078	1.21E-3	6.54E-4	-1.10E-3
	CC13	0.1776	-0.7551	0.0734	-1.10E-3	-9.71E-5	9.96E-4
	CC14	0.2202	-0.8719	0.1070	-1.51E-3	-3.26E-4	1.37E-3
	CC15	-0.0530	-0.7842	0.1932	-1.42E-3	8.53E-4	1.28E-3
	CC16	-0.0104	-0.9010	0.2268	-1.82E-3	6.25E-4	1.65E-3
64	CC1	0.4874	0.3540	-0.0768	1.48E-3	7.63E-4	-9.65E-4
	CC2	0.4939	0.2826	-0.0848	1.20E-3	5.38E-4	-7.42E-4
	CC3	0.5347	-0.1853	-0.0703	1.97E-4	6.09E-4	-8.27E-4
	CC4	0.5412	-0.2567	-0.0782	-8.85E-5	3.84E-4	-6.04E-4

	CC5	-0.5972	0.2859	-0.0749	3.27E-4	7.02E-5	6.04E-4
	CC6	-0.5907	0.2145	-0.0829	4.22E-5	-1.55E-4	8.27E-4
	CC7	-0.5499	-0.2534	-0.0684	-9.60E-4	-8.45E-5	7.42E-4
	CC8	-0.5434	-0.3248	-0.0763	-1.25E-3	-3.10E-4	9.65E-4
	CC9	0.0507	0.9803	-0.0815	2.67E-3	7.67E-4	-6.42E-4
	CC10	0.0610	0.8669	-0.0941	2.21E-3	4.10E-4	-2.89E-4
	CC11	-0.2747	0.9599	-0.0809	2.32E-3	5.59E-4	-1.71E-4
	CC12	-0.2644	0.8465	-0.0935	1.86E-3	2.02E-4	1.82E-4
	CC13	0.2084	-0.8172	-0.0596	-1.63E-3	2.52E-4	-1.82E-4
	CC14	0.2187	-0.9307	-0.0722	-2.08E-3	-1.06E-4	1.71E-4
	CC15	-0.1170	-0.8377	-0.0591	-1.97E-3	4.40E-5	2.89E-4
	CC16	-0.1067	-0.9511	-0.0717	-2.43E-3	-3.14E-4	6.42E-4
65	CC1	0.4874	0.3183	-0.1092	8.76E-4	6.59E-4	-9.65E-4
	CC2	0.4939	0.2550	-0.1084	6.78E-4	4.49E-4	-7.42E-4
	CC3	0.5348	-0.2159	-0.0979	-6.26E-4	4.74E-4	-8.27E-4
	CC4	0.5412	-0.2792	-0.0972	-8.25E-4	2.64E-4	-6.04E-4
	CC5	-0.5971	0.3077	-0.0728	1.07E-3	2.19E-4	6.04E-4
	CC6	-0.5907	0.2445	-0.0721	8.76E-4	8.72E-6	8.27E-4
	CC7	-0.5498	-0.2265	-0.0616	-4.28E-4	3.37E-5	7.42E-4
	CC8	-0.5434	-0.2897	-0.0608	-6.26E-4	-1.76E-4	9.65E-4
	CC9	0.0507	0.9564	-0.1098	2.76E-3	7.83E-4	-6.42E-4
	CC10	0.0610	0.8560	-0.1086	2.44E-3	4.49E-4	-2.89E-4
	CC11	-0.2746	0.9533	-0.0989	2.82E-3	6.51E-4	-1.71E-4
	CC12	-0.2644	0.8528	-0.0977	2.50E-3	3.17E-4	1.82E-4
	CC13	0.2085	-0.8243	-0.0722	-2.25E-3	1.66E-4	-1.82E-4
	CC14	0.2187	-0.9247	-0.0711	-2.57E-3	-1.68E-4	1.71E-4
	CC15	-0.1169	-0.8274	-0.0613	-2.19E-3	3.37E-5	2.89E-4
	CC16	-0.1066	-0.9279	-0.0602	-2.51E-3	-3.00E-4	6.42E-4
66	CC1	0.3556	0.3182	-0.2297	7.99E-4	-1.01E-3	-9.65E-4
	CC2	0.3921	0.2550	-0.2040	6.50E-4	-9.63E-4	-7.42E-4
	CC3	0.4215	-0.2160	-0.0137	-7.29E-4	-1.62E-3	-8.27E-4
	CC4	0.4581	-0.2792	0.0119	-8.78E-4	-1.58E-3	-6.04E-4
	CC5	-0.5172	0.3077	-0.2146	1.11E-3	2.08E-3	6.04E-4
	CC6	-0.4806	0.2444	-0.1889	9.65E-4	2.12E-3	8.27E-4
	CC7	-0.4512	-0.2265	0.0014	-4.14E-4	1.46E-3	7.42E-4
	CC8	-0.4147	-0.2898	0.0270	-5.63E-4	1.51E-3	9.65E-4
	CC9	-0.0376	0.9564	-0.4839	2.74E-3	7.78E-4	-6.42E-4
	CC10	0.0205	0.8560	-0.4432	2.50E-3	8.50E-4	-2.89E-4
	CC11	-0.2994	0.9532	-0.4793	2.83E-3	1.70E-3	-1.71E-4
	CC12	-0.2414	0.8528	-0.4386	2.59E-3	1.78E-3	1.82E-4
	CC13	0.1823	-0.8243	0.2360	-2.36E-3	-1.28E-3	-1.82E-4
	CC14	0.2403	-0.9248	0.2767	-2.59E-3	-1.20E-3	1.71E-4
	CC15	-0.0796	-0.8275	0.2405	-2.26E-3	-3.50E-4	2.89E-4
	CC16	-0.0215	-0.9279	0.2812	-2.50E-3	-2.78E-4	6.42E-4
67	CC1	0.3630	0.3540	-0.2608	1.30E-3	-9.97E-4	-9.65E-4
	CC2	0.3979	0.2826	-0.2337	1.06E-3	-9.18E-4	-7.42E-4
	CC3	0.4279	-0.1853	-0.0853	-1.19E-4	-1.85E-3	-8.27E-4
	CC4	0.4628	-0.2567	-0.0582	-3.65E-4	-1.78E-3	-6.04E-4
	CC5	-0.5215	0.2859	-0.1251	5.97E-4	2.25E-3	6.04E-4
	CC6	-0.4867	0.2145	-0.0979	3.51E-4	2.33E-3	8.27E-4
	CC7	-0.4566	-0.2534	0.0504	-8.24E-4	1.39E-3	7.42E-4
	CC8	-0.4217	-0.3248	0.0775	-1.07E-3	1.47E-3	9.65E-4
	CC9	-0.0326	0.9803	-0.4260	2.79E-3	1.12E-3	-6.42E-4
	CC10	0.0228	0.8669	-0.3828	2.40E-3	1.24E-3	-2.89E-4
	CC11	-0.2979	0.9599	-0.3852	2.57E-3	2.09E-3	-1.71E-4
	CC12	-0.2425	0.8465	-0.3421	2.18E-3	2.22E-3	1.82E-4
	CC13	0.1838	-0.8173	0.1589	-1.95E-3	-1.74E-3	-1.82E-4
	CC14	0.2392	-0.9307	0.2020	-2.34E-3	-1.62E-3	1.71E-4
	CC15	-0.0815	-0.8377	0.1996	-2.16E-3	-7.68E-4	2.89E-4
	CC16	-0.0262	-0.9511	0.2427	-2.55E-3	-6.43E-4	6.42E-4
68	CC1	0.4777	0.2450	-0.1277	3.79E-4	1.22E-3	-1.01E-3
	CC2	0.4842	0.1990	-0.1154	3.12E-4	1.10E-3	-7.91E-4
	CC3	0.5251	-0.2786	-0.0461	-2.39E-4	2.14E-4	-8.75E-4
	CC4	0.5315	-0.3245	-0.0338	-3.06E-4	9.25E-5	-6.53E-4
	CC5	-0.6068	0.3561	-0.1950	4.89E-4	1.09E-3	5.56E-4
	CC6	-0.6004	0.3102	-0.1827	4.22E-4	9.66E-4	7.79E-4
	CC7	-0.5595	-0.1674	-0.1134	-1.29E-4	8.21E-5	6.94E-4
	CC8	-0.5531	-0.2133	-0.1011	-1.96E-4	-3.90E-5	9.17E-4
	CC9	0.0410	0.9082	-0.2501	1.16E-3	2.38E-3	-6.91E-4
	CC10	0.0513	0.8351	-0.2306	1.05E-3	2.19E-3	-3.37E-4
	CC11	-0.2843	0.9415	-0.2703	1.19E-3	2.34E-3	-2.20E-4
	CC12	-0.2741	0.8685	-0.2508	1.08E-3	2.15E-3	1.34E-4
	CC13	0.1988	-0.8369	0.0220	-9.02E-4	-9.70E-4	-2.31E-4

	CC14	0.2090	-0.9099	0.0415	-1.01E-3	-1.16E-3	1.23E-4
	CC15	-0.1266	-0.8035	0.0018	-8.69E-4	-1.01E-3	2.40E-4
	CC16	-0.1163	-0.8765	0.0213	-9.75E-4	-1.20E-3	5.94E-4
69	CC1	0.4643	0.2073	-0.1661	1.22E-4	6.26E-4	-9.93E-4
	CC2	0.4708	0.1704	-0.1498	9.76E-5	5.86E-4	-7.71E-4
	CC3	0.5116	-0.3106	-0.0512	-1.09E-4	3.06E-4	-8.55E-4
	CC4	0.5181	-0.3474	-0.0349	-1.33E-4	2.66E-4	-6.33E-4
	CC5	-0.6203	0.3827	-0.2466	2.41E-4	1.06E-3	5.76E-4
	CC6	-0.6138	0.3458	-0.2303	2.16E-4	1.02E-3	7.98E-4
	CC7	-0.5730	-0.1352	-0.1317	9.87E-6	7.43E-4	7.14E-4
	CC8	-0.5665	-0.1720	-0.1154	-1.44E-5	7.03E-4	9.36E-4
	CC9	0.0276	0.8837	-0.3332	4.40E-4	1.16E-3	-6.71E-4
	CC10	0.0378	0.8252	-0.3073	4.01E-4	1.10E-3	-3.17E-4
	CC11	-0.2978	0.9363	-0.3573	4.75E-4	1.29E-3	-2.00E-4
	CC12	-0.2875	0.8778	-0.3314	4.37E-4	1.23E-3	1.54E-4
	CC13	0.1853	-0.8425	0.0499	-3.29E-4	9.72E-5	-2.11E-4
	CC14	0.1956	-0.9010	0.0758	-3.68E-4	3.38E-5	1.43E-4
	CC15	-0.1401	-0.7899	0.0258	-2.94E-4	2.28E-4	2.60E-4
	CC16	-0.1298	-0.8484	0.0517	-3.32E-4	1.65E-4	6.14E-4
70	CC1	0.4509	0.1695	-0.1932	6.68E-5	6.14E-4	-9.72E-4
	CC2	0.4574	0.1417	-0.1747	5.33E-5	5.80E-4	-7.49E-4
	CC3	0.4982	-0.3428	-0.0619	-5.91E-5	3.63E-4	-8.34E-4
	CC4	0.5047	-0.3705	-0.0435	-7.27E-5	3.29E-4	-6.11E-4
	CC5	-0.6337	0.4090	-0.2904	9.92E-5	8.46E-4	5.97E-4
	CC6	-0.6272	0.3813	-0.2720	8.57E-5	8.11E-4	8.20E-4
	CC7	-0.5864	-0.1032	-0.1592	-2.67E-5	5.95E-4	7.35E-4
	CC8	-0.5799	-0.1309	-0.1407	-4.03E-5	5.60E-4	9.58E-4
	CC9	0.0142	0.8590	-0.3857	2.29E-4	9.99E-4	-6.49E-4
	CC10	0.0245	0.8150	-0.3565	2.08E-4	9.44E-4	-2.96E-4
	CC11	-0.3112	0.9309	-0.4149	2.39E-4	1.07E-3	-1.79E-4
	CC12	-0.3009	0.8868	-0.3856	2.17E-4	1.01E-3	1.75E-4
	CC13	0.1719	-0.8483	0.0517	-1.91E-4	1.61E-4	-1.89E-4
	CC14	0.1822	-0.8924	0.0810	-2.12E-4	1.06E-4	1.64E-4
	CC15	-0.1535	-0.7765	0.0226	-1.81E-4	2.31E-4	2.82E-4
	CC16	-0.1432	-0.8205	0.0518	-2.03E-4	1.76E-4	6.35E-4
71	CC1	0.4404	0.1314	-0.2137	-4.94E-7	3.70E-4	-9.53E-4
	CC2	0.4469	0.1127	-0.1938	-6.81E-6	3.47E-4	-7.30E-4
	CC3	0.4877	-0.3752	-0.0719	-5.96E-5	2.24E-4	-8.15E-4
	CC4	0.4942	-0.3938	-0.0520	-6.59E-5	2.01E-4	-5.92E-4
	CC5	-0.6442	0.4351	-0.3235	2.00E-5	6.05E-4	6.16E-4
	CC6	-0.6377	0.4165	-0.3036	1.36E-5	5.82E-4	8.39E-4
	CC7	-0.5969	-0.0714	-0.1817	-3.91E-5	4.59E-4	7.54E-4
	CC8	-0.5904	-0.0901	-0.1618	-4.54E-5	4.36E-4	9.77E-4
	CC9	0.0037	0.8342	-0.4234	7.74E-5	6.30E-4	-6.30E-4
	CC10	0.0140	0.8046	-0.3917	6.74E-5	5.93E-4	-2.76E-4
	CC11	-0.3217	0.9253	-0.4563	8.36E-5	7.00E-4	-1.59E-4
	CC12	-0.3114	0.8957	-0.4247	7.35E-5	6.64E-4	1.94E-4
	CC13	0.1614	-0.8544	0.0492	-1.19E-4	1.43E-4	-1.70E-4
	CC14	0.1717	-0.8840	0.0808	-1.30E-4	1.06E-4	1.84E-4
	CC15	-0.1640	-0.7633	0.0162	-1.13E-4	2.13E-4	3.01E-4
	CC16	-0.1537	-0.7929	0.0479	-1.23E-4	1.76E-4	6.54E-4
72	CC1	0.4346	0.0931	-0.2236	-3.80E-5	1.10E-4	-9.37E-4
	CC2	0.4411	0.0836	-0.2025	-4.08E-5	8.99E-5	-7.15E-4
	CC3	0.4820	-0.4078	-0.0748	-6.56E-5	-4.43E-6	-7.99E-4
	CC4	0.4884	-0.4174	-0.0537	-6.84E-5	-2.45E-5	-5.77E-4
	CC5	-0.6499	0.4610	-0.3453	-3.58E-5	3.28E-4	6.32E-4
	CC6	-0.6435	0.4515	-0.3242	-3.86E-5	3.08E-4	8.54E-4
	CC7	-0.6026	-0.0399	-0.1965	-6.34E-5	2.14E-4	7.70E-4
	CC8	-0.5962	-0.0494	-0.1754	-6.63E-5	1.94E-4	9.92E-4
	CC9	-0.0021	0.8091	-0.4461	-4.15E-6	3.26E-4	-6.15E-4
	CC10	0.0082	0.7940	-0.4125	-8.65E-6	2.94E-4	-2.61E-4
	CC11	-0.3274	0.9195	-0.4826	-3.49E-6	3.91E-4	-1.44E-4
	CC12	-0.3172	0.9043	-0.4490	-8.00E-6	3.59E-4	2.10E-4
	CC13	0.1556	-0.8607	0.0500	-9.62E-5	-5.56E-5	-1.55E-4
	CC14	0.1659	-0.8758	0.0835	-1.01E-4	-8.75E-5	1.99E-4
	CC15	-0.1697	-0.7503	0.0135	-9.56E-5	9.89E-6	3.16E-4
	CC16	-0.1595	-0.7654	0.0470	-1.00E-4	-2.20E-5	6.70E-4
73	CC1	0.4347	0.0546	-0.2220	-6.51E-5	-1.80E-4	-9.26E-4
	CC2	0.4411	0.0541	-0.1999	-6.58E-5	-1.98E-4	-7.03E-4
	CC3	0.4820	-0.4407	-0.0676	-7.56E-5	-2.77E-4	-7.88E-4
	CC4	0.4885	-0.4411	-0.0455	-7.63E-5	-2.95E-4	-5.65E-4
	CC5	-0.6499	0.4867	-0.3553	-7.19E-5	4.21E-5	6.43E-4
	CC6	-0.6434	0.4863	-0.3332	-7.27E-5	2.34E-5	8.66E-4

	CC7	-0.6026	-0.0086	-0.2009	-8.24E-5	-5.49E-5	7.81E-4
	CC8	-0.5961	-0.0090	-0.1788	-8.31E-5	-7.36E-5	1.00E-3
	CC9	-0.0020	0.7838	-0.4553	-5.50E-5	1.68E-5	-6.03E-4
	CC10	0.0082	0.7831	-0.4202	-5.62E-5	-1.29E-5	-2.49E-4
	CC11	-0.3274	0.9134	-0.4953	-5.71E-5	8.33E-5	-1.32E-4
	CC12	-0.3171	0.9127	-0.4602	-5.83E-5	5.36E-5	2.21E-4
	CC13	0.1557	-0.8672	0.0594	-9.00E-5	-3.07E-4	-1.43E-4
	CC14	0.1660	-0.8678	0.0945	-9.12E-5	-3.36E-4	2.11E-4
	CC15	-0.1697	-0.7375	0.0194	-9.20E-5	-2.40E-4	3.28E-4
	CC16	-0.1594	-0.7382	0.0545	-9.32E-5	-2.70E-4	6.81E-4
74	CC1	0.4407	0.0158	-0.2087	-7.73E-5	-4.51E-4	-9.18E-4
	CC2	0.4471	0.0245	-0.1856	-7.69E-5	-4.70E-4	-6.95E-4
	CC3	0.4880	-0.4739	-0.0494	-8.09E-5	-5.40E-4	-7.80E-4
	CC4	0.4944	-0.4652	-0.0263	-8.06E-5	-5.58E-4	-5.57E-4
	CC5	-0.6439	0.5121	-0.3538	-9.77E-5	-2.25E-4	6.51E-4
	CC6	-0.6375	0.5208	-0.3307	-9.73E-5	-2.43E-4	8.74E-4
	CC7	-0.5966	0.0225	-0.1945	-1.01E-4	-3.13E-4	7.89E-4
	CC8	-0.5901	0.0312	-0.1714	-1.01E-4	-3.31E-4	1.01E-3
	CC9	0.0040	0.7582	-0.4522	-8.02E-5	-2.63E-4	-5.95E-4
	CC10	0.0142	0.7720	-0.4155	-7.96E-5	-2.92E-4	-2.41E-4
	CC11	-0.3214	0.9071	-0.4958	-8.63E-5	-1.95E-4	-1.24E-4
	CC12	-0.3111	0.9209	-0.4591	-8.57E-5	-2.24E-4	2.29E-4
	CC13	0.1617	-0.8739	0.0790	-9.25E-5	-5.59E-4	-1.35E-4
	CC14	0.1719	-0.8601	0.1157	-9.19E-5	-5.88E-4	2.19E-4
	CC15	-0.1637	-0.7250	0.0354	-9.86E-5	-4.91E-4	3.36E-4
	CC16	-0.1534	-0.7112	0.0721	-9.80E-5	-5.20E-4	6.89E-4
75	CC1	0.4518	-0.0233	-0.1850	-8.56E-5	-6.76E-4	-9.13E-4
	CC2	0.4583	-0.0055	-0.1609	-8.12E-5	-6.98E-4	-6.90E-4
	CC3	0.4992	-0.5073	-0.0207	-6.80E-5	-7.79E-4	-7.75E-4
	CC4	0.5056	-0.4895	0.0034	-6.35E-5	-8.02E-4	-5.52E-4
	CC5	-0.6327	0.5372	-0.3432	-1.33E-4	-4.02E-4	6.56E-4
	CC6	-0.6263	0.5550	-0.3191	-1.28E-4	-4.24E-4	8.79E-4
	CC7	-0.5854	0.0532	-0.1789	-1.15E-4	-5.05E-4	7.94E-4
	CC8	-0.5790	0.0710	-0.1547	-1.11E-4	-5.28E-4	1.02E-3
	CC9	0.0151	0.7323	-0.4392	-1.24E-4	-4.53E-4	-5.90E-4
	CC10	0.0254	0.7606	-0.4009	-1.17E-4	-4.88E-4	-2.37E-4
	CC11	-0.3102	0.9005	-0.4867	-1.38E-4	-3.70E-4	-1.20E-4
	CC12	-0.3000	0.9287	-0.4483	-1.31E-4	-4.06E-4	2.34E-4
	CC13	0.1729	-0.8810	0.1085	-6.53E-5	-7.97E-4	-1.30E-4
	CC14	0.1831	-0.8527	0.1469	-5.82E-5	-8.33E-4	2.23E-4
	CC15	-0.1525	-0.7128	0.0611	-7.94E-5	-7.15E-4	3.41E-4
	CC16	-0.1422	-0.6846	0.0994	-7.24E-5	-7.51E-4	6.94E-4
76	CC1	0.4666	-0.0627	-0.1537	-2.73E-5	-8.01E-4	-9.13E-4
	CC2	0.4730	-0.0358	-0.1284	-2.98E-5	-8.19E-4	-6.90E-4
	CC3	0.5139	-0.5410	0.0156	-6.59E-5	-8.73E-4	-7.75E-4
	CC4	0.5203	-0.5141	0.0408	-6.84E-5	-8.91E-4	-5.52E-4
	CC5	-0.6180	0.5620	-0.3270	-1.30E-4	-5.33E-4	6.57E-4
	CC6	-0.6116	0.5889	-0.3017	-1.32E-4	-5.51E-4	8.79E-4
	CC7	-0.5707	0.0837	-0.1577	-1.68E-4	-6.05E-4	7.95E-4
	CC8	-0.5642	0.1106	-0.1324	-1.71E-4	-6.22E-4	1.02E-3
	CC9	0.0298	0.7061	-0.4193	-1.73E-5	-6.19E-4	-5.90E-4
	CC10	0.0401	0.7488	-0.3791	-2.13E-5	-6.46E-4	-2.36E-4
	CC11	-0.2955	0.8935	-0.4713	-4.79E-5	-5.38E-4	-1.19E-4
	CC12	-0.2853	0.9363	-0.4311	-5.19E-5	-5.66E-4	2.35E-4
	CC13	0.1876	-0.8883	0.1450	-1.46E-4	-8.58E-4	-1.30E-4
	CC14	0.1978	-0.8456	0.1851	-1.50E-4	-8.85E-4	2.24E-4
	CC15	-0.1378	-0.7009	0.0930	-1.77E-4	-7.77E-4	3.41E-4
	CC16	-0.1275	-0.6582	0.1332	-1.81E-4	-8.05E-4	6.95E-4
77	CC1	0.4823	-0.1024	-0.1167	-2.38E-5	-9.18E-4	-9.15E-4
	CC2	0.4888	-0.0664	-0.0898	1.56E-5	-9.70E-4	-6.92E-4
	CC3	0.5296	-0.5751	0.0587	1.69E-4	-1.12E-3	-7.77E-4
	CC4	0.5361	-0.5391	0.0856	2.08E-4	-1.17E-3	-5.54E-4
	CC5	-0.6023	0.5865	-0.3140	-3.98E-4	-2.27E-4	6.54E-4
	CC6	-0.5958	0.6225	-0.2871	-3.58E-4	-2.79E-4	8.77E-4
	CC7	-0.5550	0.1138	-0.1385	-2.05E-4	-4.29E-4	7.92E-4
	CC8	-0.5485	0.1498	-0.1116	-1.66E-4	-4.81E-4	1.02E-3
	CC9	0.0456	0.6796	-0.3984	-3.91E-4	-4.25E-4	-5.92E-4
	CC10	0.0559	0.7368	-0.3556	-3.28E-4	-5.07E-4	-2.38E-4
	CC11	-0.2798	0.8862	-0.4575	-5.03E-4	-2.17E-4	-1.21E-4
	CC12	-0.2695	0.9435	-0.4148	-4.40E-4	-3.00E-4	2.32E-4
	CC13	0.2033	-0.8961	0.1864	2.50E-4	-1.10E-3	-1.32E-4
	CC14	0.2136	-0.8389	0.2291	3.13E-4	-1.18E-3	2.22E-4
	CC15	-0.1221	-0.6894	0.1272	1.38E-4	-8.92E-4	3.39E-4

	CC16	-0.1118	-0.6322	0.1700	2.01E-4	-9.74E-4	6.92E-4
78	CC1	0.4496	-0.1424	-0.0997	-3.70E-5	-5.73E-4	-9.23E-4
	CC2	0.4672	-0.0972	-0.0716	5.80E-5	-6.04E-4	-7.00E-4
	CC3	0.5038	-0.6094	0.0858	4.63E-4	-7.42E-4	-7.85E-4
	CC4	0.5214	-0.5643	0.1139	5.58E-4	-7.74E-4	-5.62E-4
	CC5	-0.5565	0.6108	-0.2833	-8.40E-4	-2.69E-4	6.46E-4
	CC6	-0.5389	0.6559	-0.2552	-7.45E-4	-3.00E-4	8.69E-4
	CC7	-0.5023	0.1437	-0.0978	-3.41E-4	-4.38E-4	7.85E-4
	CC8	-0.4847	0.1888	-0.0697	-2.45E-4	-4.70E-4	1.01E-3
	CC9	0.0290	0.6528	-0.3887	-9.29E-4	-2.59E-4	-6.00E-4
	CC10	0.0570	0.7245	-0.3440	-7.78E-4	-3.09E-4	-2.46E-4
	CC11	-0.2728	0.8788	-0.4437	-1.17E-3	-1.68E-4	-1.29E-4
	CC12	-0.2449	0.9504	-0.3991	-1.02E-3	-2.18E-4	2.24E-4
	CC13	0.2097	-0.9040	0.2297	7.37E-4	-8.24E-4	-1.40E-4
	CC14	0.2377	-0.8323	0.2743	8.88E-4	-8.74E-4	2.14E-4
	CC15	-0.0921	-0.6780	0.1746	4.96E-4	-7.33E-4	3.31E-4
	CC16	-0.0641	-0.6064	0.2192	6.47E-4	-7.83E-4	6.84E-4
79	CC1	0.3711	-0.1024	-0.1121	-1.60E-4	-8.14E-4	-9.00E-4
	CC2	0.4047	-0.0664	-0.0882	-1.38E-4	-7.98E-4	-6.78E-4
	CC3	0.4352	-0.5751	0.0530	-8.03E-5	-7.51E-4	-7.62E-4
	CC4	0.4689	-0.5391	0.0769	-5.89E-5	-7.35E-4	-5.40E-4
	CC5	-0.5220	0.5865	-0.2758	-1.86E-4	-7.12E-4	6.69E-4
	CC6	-0.4884	0.6225	-0.2519	-1.64E-4	-6.96E-4	8.92E-4
	CC7	-0.4578	0.1138	-0.1107	-1.06E-4	-6.49E-4	8.07E-4
	CC8	-0.4242	0.1498	-0.0868	-8.50E-5	-6.33E-4	1.03E-3
	CC9	-0.0263	0.6796	-0.3690	-2.68E-4	-8.56E-4	-5.78E-4
	CC10	0.0272	0.7368	-0.3310	-2.34E-4	-8.31E-4	-2.24E-4
	CC11	-0.2942	0.8863	-0.4181	-2.76E-4	-8.25E-4	-1.07E-4
	CC12	-0.2407	0.9435	-0.3801	-2.42E-4	-8.00E-4	2.47E-4
	CC13	0.1876	-0.8960	0.1812	-3.10E-6	-6.47E-4	-1.17E-4
	CC14	0.2410	-0.8388	0.2192	3.10E-5	-6.22E-4	2.36E-4
	CC15	-0.0803	-0.6894	0.1321	-1.09E-5	-6.16E-4	3.53E-4
	CC16	-0.0269	-0.6322	0.1701	2.31E-5	-5.91E-4	7.07E-4
80	CC1	0.3529	-0.0626	-0.1468	-8.44E-5	-8.16E-4	-9.16E-4
	CC2	0.3870	-0.0357	-0.1227	-7.30E-5	-8.25E-4	-6.94E-4
	CC3	0.4174	-0.5410	0.0186	-3.00E-5	-8.70E-4	-7.78E-4
	CC4	0.4515	-0.5141	0.0426	-1.86E-5	-8.79E-4	-5.56E-4
	CC5	-0.5369	0.5621	-0.3047	-1.65E-4	-6.91E-4	6.53E-4
	CC6	-0.5028	0.5890	-0.2807	-1.53E-4	-7.01E-4	8.75E-4
	CC7	-0.4725	0.0837	-0.1394	-1.10E-4	-7.45E-4	7.91E-4
	CC8	-0.4384	0.1107	-0.1153	-9.91E-5	-7.55E-4	1.01E-3
	CC9	-0.0437	0.7062	-0.4021	-1.79E-4	-7.07E-4	-5.94E-4
	CC10	0.0104	0.7489	-0.3638	-1.61E-4	-7.21E-4	-2.40E-4
	CC11	-0.3107	0.8936	-0.4495	-2.03E-4	-6.69E-4	-1.23E-4
	CC12	-0.2565	0.9363	-0.4112	-1.85E-4	-6.84E-4	2.31E-4
	CC13	0.1711	-0.8883	0.1491	1.94E-6	-8.87E-4	-1.34E-4
	CC14	0.2252	-0.8456	0.1874	2.00E-5	-9.01E-4	2.20E-4
	CC15	-0.0959	-0.7009	0.1017	-2.22E-5	-8.49E-4	3.37E-4
	CC16	-0.0417	-0.6581	0.1400	-4.13E-6	-8.64E-4	6.91E-4
81	CC1	0.3355	-0.0233	-0.1791	-2.69E-5	-7.12E-4	-9.42E-4
	CC2	0.3700	-0.0055	-0.1555	-2.30E-5	-7.23E-4	-7.19E-4
	CC3	0.4002	-0.5073	-0.0166	-1.36E-5	-7.71E-4	-8.04E-4
	CC4	0.4347	-0.4895	0.0070	-9.68E-6	-7.83E-4	-5.81E-4
	CC5	-0.5512	0.5373	-0.3294	-7.65E-5	-5.43E-4	6.27E-4
	CC6	-0.5166	0.5550	-0.3058	-7.26E-5	-5.54E-4	8.50E-4
	CC7	-0.4865	0.0533	-0.1669	-6.31E-5	-6.02E-4	7.65E-4
	CC8	-0.4519	0.0711	-0.1433	-5.92E-5	-6.14E-4	9.88E-4
	CC9	-0.0605	0.7323	-0.4282	-6.10E-5	-5.79E-4	-6.19E-4
	CC10	-0.0057	0.7606	-0.3908	-5.48E-5	-5.98E-4	-2.66E-4
	CC11	-0.3265	0.9005	-0.4733	-7.59E-5	-5.29E-4	-1.49E-4
	CC12	-0.2717	0.9287	-0.4358	-6.96E-5	-5.47E-4	2.05E-4
	CC13	0.1552	-0.8810	0.1135	-1.65E-5	-7.78E-4	-1.59E-4
	CC14	0.2101	-0.8527	0.1509	-1.03E-5	-7.97E-4	1.94E-4
	CC15	-0.1108	-0.7128	0.0684	-3.14E-5	-7.28E-4	3.11E-4
	CC16	-0.0559	-0.6845	0.1058	-2.52E-5	-7.46E-4	6.65E-4
82	CC1	0.3216	0.0158	-0.2050	5.77E-6	-5.03E-4	-9.61E-4
	CC2	0.3566	0.0245	-0.1821	7.61E-6	-5.17E-4	-7.38E-4
	CC3	0.3866	-0.4738	-0.0457	9.82E-6	-5.67E-4	-8.23E-4
	CC4	0.4216	-0.4651	-0.0228	1.17E-5	-5.81E-4	-6.00E-4
	CC5	-0.5618	0.5121	-0.3460	-2.74E-5	-3.18E-4	6.08E-4
	CC6	-0.5268	0.5208	-0.3231	-2.56E-5	-3.32E-4	8.31E-4
	CC7	-0.4968	0.0225	-0.1868	-2.34E-5	-3.82E-4	7.46E-4
	CC8	-0.4618	0.0312	-0.1639	-2.15E-5	-3.96E-4	9.69E-4

	CC9	-0.0737	0.7582	-0.4469	-1.11E-5	-3.60E-4	-6.38E-4
	CC10	-0.0181	0.7720	-0.4105	-8.19E-6	-3.81E-4	-2.84E-4
	CC11	-0.3388	0.9071	-0.4892	-2.11E-5	-3.04E-4	-1.67E-4
	CC12	-0.2832	0.9209	-0.4529	-1.81E-5	-3.26E-4	-1.86E-4
	CC13	0.1429	-0.8739	0.0840	2.40E-6	-5.73E-4	-1.78E-4
	CC14	0.1986	-0.8601	0.1204	5.32E-6	-5.95E-4	1.76E-4
	CC15	-0.1221	-0.7250	0.0417	-7.56E-6	-5.18E-4	2.93E-4
	CC16	-0.0665	-0.7112	0.0781	-4.63E-6	-5.39E-4	6.46E-4
83	CC1	0.3129	0.0546	-0.2213	3.33E-5	-2.42E-4	-9.75E-4
	CC2	0.3484	0.0542	-0.1991	3.34E-5	-2.55E-4	-7.52E-4
	CC3	0.3782	-0.4407	-0.0651	2.56E-5	-2.97E-4	-8.37E-4
	CC4	0.4137	-0.4411	-0.0429	2.57E-5	-3.11E-4	-6.14E-4
	CC5	-0.5673	0.4867	-0.3526	1.15E-5	-5.37E-5	5.94E-4
	CC6	-0.5318	0.4863	-0.3304	1.16E-5	-6.68E-5	8.17E-4
	CC7	-0.5020	-0.0085	-0.1964	3.78E-6	-1.09E-4	7.32E-4
	CC8	-0.4665	-0.0090	-0.1742	3.90E-6	-1.23E-4	9.55E-4
	CC9	-0.0817	0.7838	-0.4561	3.46E-5	-1.07E-4	-6.52E-4
	CC10	-0.0254	0.7831	-0.4208	3.48E-5	-1.28E-4	-2.98E-4
	CC11	-0.3458	0.9134	-0.4955	2.81E-5	-5.06E-5	-1.81E-4
	CC12	-0.2895	0.9128	-0.4602	2.83E-5	-7.15E-5	1.72E-4
	CC13	0.1359	-0.8671	0.0646	8.90E-6	-2.93E-4	-1.92E-4
	CC14	0.1922	-0.8678	0.0999	9.09E-6	-3.14E-4	1.62E-4
	CC15	-0.1282	-0.7375	0.0252	2.37E-6	-2.36E-4	2.79E-4
	CC16	-0.0718	-0.7382	0.0605	2.55E-6	-2.57E-4	6.32E-4
84	CC1	0.3102	0.0931	-0.2269	5.69E-5	2.82E-5	-9.84E-4
	CC2	0.3461	0.0836	-0.2053	5.47E-5	1.73E-5	-7.62E-4
	CC3	0.3758	-0.4078	-0.0729	2.94E-5	-5.96E-6	-8.46E-4
	CC4	0.4117	-0.4173	-0.0513	2.72E-5	-1.69E-5	-6.24E-4
	CC5	-0.5668	0.4611	-0.3485	4.68E-5	2.09E-4	5.85E-4
	CC6	-0.5309	0.4516	-0.3269	4.45E-5	1.98E-4	8.07E-4
	CC7	-0.5013	-0.0398	-0.1945	1.93E-5	1.75E-4	7.23E-4
	CC8	-0.4653	-0.0494	-0.1729	1.70E-5	1.64E-4	9.45E-4
	CC9	-0.0838	0.8091	-0.4554	8.61E-5	1.34E-4	-6.62E-4
	CC10	-0.0268	0.7940	-0.4211	8.26E-5	1.17E-4	-3.08E-4
	CC11	-0.3469	0.9195	-0.4919	8.31E-5	1.89E-4	-1.91E-4
	CC12	-0.2899	0.9044	-0.4576	7.95E-5	1.71E-4	1.63E-4
	CC13	0.1347	-0.8606	0.0578	-5.54E-6	2.06E-5	-2.02E-4
	CC14	0.1918	-0.8758	0.0921	-9.08E-6	3.26E-6	1.52E-4
	CC15	-0.1284	-0.7502	0.0213	-8.60E-6	7.47E-5	2.69E-4
	CC16	-0.0713	-0.7654	0.0556	-1.21E-5	5.74E-5	6.23E-4
85	CC1	0.3132	0.1314	-0.2222	8.30E-5	2.62E-4	-9.91E-4
	CC2	0.3495	0.1128	-0.2010	7.66E-5	2.54E-4	-7.68E-4
	CC3	0.3790	-0.3751	-0.0687	1.70E-5	2.63E-4	-8.53E-4
	CC4	0.4154	-0.3938	-0.0476	1.06E-5	2.56E-4	-6.30E-4
	CC5	-0.5607	0.4352	-0.3348	8.64E-5	4.31E-4	5.79E-4
	CC6	-0.5243	0.4165	-0.3136	7.99E-5	4.24E-4	8.01E-4
	CC7	-0.4948	-0.0714	-0.1813	2.03E-5	4.33E-4	7.17E-4
	CC8	-0.4584	-0.0900	-0.1602	1.39E-5	4.25E-4	9.39E-4
	CC9	-0.0802	0.8342	-0.4468	1.63E-4	3.21E-4	-6.68E-4
	CC10	-0.0224	0.8046	-0.4132	1.53E-4	3.10E-4	-3.14E-4
	CC11	-0.3424	0.9253	-0.4806	1.64E-4	3.72E-4	-1.97E-4
	CC12	-0.2846	0.8957	-0.4470	1.54E-4	3.60E-4	1.57E-4
	CC13	0.1393	-0.8543	0.0647	-5.69E-5	3.27E-4	-2.08E-4
	CC14	0.1971	-0.8839	0.0982	-6.72E-5	3.15E-4	1.46E-4
	CC15	-0.1228	-0.7632	0.0309	-5.59E-5	3.78E-4	2.63E-4
	CC16	-0.0651	-0.7928	0.0645	-6.62E-5	3.66E-4	6.17E-4
86	CC1	0.3207	0.1695	-0.2100	1.12E-4	4.06E-4	-9.94E-4
	CC2	0.3576	0.1418	-0.1888	9.68E-5	4.14E-4	-7.71E-4
	CC3	0.3869	-0.3427	-0.0531	-3.25E-5	5.24E-4	-8.56E-4
	CC4	0.4237	-0.3705	-0.0319	-4.76E-5	5.31E-4	-6.33E-4
	CC5	-0.5499	0.4091	-0.3154	1.57E-4	5.12E-4	5.75E-4
	CC6	-0.5130	0.3813	-0.2942	1.42E-4	5.19E-4	7.98E-4
	CC7	-0.4837	-0.1031	-0.1585	1.28E-5	6.29E-4	7.13E-4
	CC8	-0.4469	-0.1309	-0.1373	-2.29E-6	6.36E-4	9.36E-4
	CC9	-0.0720	0.8591	-0.4362	3.01E-4	3.04E-4	-6.71E-4
	CC10	-0.0135	0.8150	-0.4026	2.77E-4	3.16E-4	-3.18E-4
	CC11	-0.3331	0.9310	-0.4678	3.14E-4	3.36E-4	-2.00E-4
	CC12	-0.2746	0.8869	-0.4342	2.90E-4	3.47E-4	1.53E-4
	CC13	0.1485	-0.8483	0.0869	-1.81E-4	6.95E-4	-2.11E-4
	CC14	0.2070	-0.8924	0.1205	-2.05E-4	7.07E-4	1.43E-4
	CC15	-0.1127	-0.7764	0.0553	-1.67E-4	7.27E-4	2.60E-4
	CC16	-0.0542	-0.8205	0.0889	-1.91E-4	7.38E-4	6.13E-4
87	CC1	0.3310	0.2074	-0.1953	1.86E-4	4.19E-4	-9.97E-4

	CC2	0.3683	0.1705	-0.1736	1.55E-4	4.22E-4	-7.74E-4
	CC3	0.3975	-0.3105	-0.0288	-1.07E-4	5.90E-4	-8.59E-4
	CC4	0.4347	-0.3473	-0.0071	-1.38E-4	5.93E-4	-6.36E-4
	CC5	-0.5364	0.3827	-0.2949	2.58E-4	5.89E-4	5.72E-4
	CC6	-0.4991	0.3459	-0.2732	2.27E-4	5.92E-4	7.95E-4
	CC7	-0.4699	-0.1351	-0.1284	-3.44E-5	7.60E-4	7.11E-4
	CC8	-0.4327	-0.1720	-0.1066	-6.56E-5	7.63E-4	9.33E-4
	CC9	-0.0610	0.8838	-0.4308	5.62E-4	2.78E-4	-6.74E-4
	CC10	-0.0018	0.8252	-0.3963	5.12E-4	2.83E-4	-3.20E-4
	CC11	-0.3212	0.9364	-0.4607	5.84E-4	3.28E-4	-2.03E-4
	CC12	-0.2620	0.8778	-0.4262	5.34E-4	3.34E-4	1.50E-4
	CC13	0.1604	-0.8424	0.1242	-4.14E-4	8.48E-4	-2.14E-4
	CC14	0.2196	-0.9010	0.1587	-4.64E-4	8.54E-4	1.40E-4
	CC15	-0.0998	-0.7898	0.0943	-3.92E-4	8.99E-4	2.57E-4
	CC16	-0.0406	-0.8484	0.1288	-4.42E-4	9.04E-4	6.10E-4
88	CC1	0.3412	0.2451	-0.1856	2.91E-4	2.32E-4	-1.01E-3
	CC2	0.3789	0.1991	-0.1606	2.23E-4	3.69E-4	-7.83E-4
	CC3	0.4079	-0.2784	0.0105	-3.33E-4	1.24E-3	-8.68E-4
	CC4	0.4456	-0.3244	0.0355	-4.01E-4	1.38E-3	-6.45E-4
	CC5	-0.5230	0.3563	-0.2926	5.55E-4	-3.66E-4	5.63E-4
	CC6	-0.4853	0.3103	-0.2676	4.88E-4	-2.29E-4	7.86E-4
	CC7	-0.4563	-0.1672	-0.0965	-6.86E-5	6.43E-4	7.01E-4
	CC8	-0.4186	-0.2132	-0.0715	-1.36E-4	7.80E-4	9.24E-4
	CC9	-0.0502	0.9083	-0.4592	1.13E-3	-1.20E-3	-6.83E-4
	CC10	0.0097	0.8353	-0.4195	1.02E-3	-9.78E-4	-3.29E-4
	CC11	-0.3095	0.9416	-0.4913	1.21E-3	-1.37E-3	-2.12E-4
	CC12	-0.2495	0.8686	-0.4516	1.10E-3	-1.16E-3	1.41E-4
	CC13	0.1721	-0.8367	0.1945	-9.49E-4	2.17E-3	-2.23E-4
	CC14	0.2321	-0.9098	0.2342	-1.06E-3	2.39E-3	1.31E-4
	CC15	-0.0871	-0.8034	0.1624	-8.69E-4	1.99E-3	2.48E-4
	CC16	-0.0272	-0.8764	0.2021	-9.76E-4	2.21E-3	6.01E-4
89	CC1	0.5343	-0.1421	0.0329	3.15E-3	-8.29E-4	-9.48E-4
	CC2	0.5319	-0.0970	0.0437	2.56E-3	-8.12E-4	-7.25E-4
	CC3	0.5761	-0.6092	0.0867	-9.43E-4	-7.30E-4	-8.10E-4
	CC4	0.5737	-0.5641	0.0975	-1.54E-3	-7.13E-4	-5.87E-4
	CC5	-0.6130	0.6110	-0.2662	1.86E-3	-2.76E-4	6.21E-4
	CC6	-0.6155	0.6561	-0.2554	1.26E-3	-2.59E-4	8.44E-4
	CC7	-0.5712	0.1439	-0.2124	-2.24E-3	-1.77E-4	7.59E-4
	CC8	-0.5737	0.1890	-0.2016	-2.83E-3	-1.60E-4	9.82E-4
	CC9	0.0847	0.6530	-0.1377	7.65E-3	-7.56E-4	-6.25E-4
	CC10	0.0808	0.7247	-0.1206	6.70E-3	-7.29E-4	-2.72E-4
	CC11	-0.2595	0.8790	-0.2274	7.27E-3	-5.90E-4	-1.55E-4
	CC12	-0.2634	0.9507	-0.2103	6.32E-3	-5.63E-4	1.99E-4
	CC13	0.2240	-0.9038	0.0416	-6.00E-3	-4.25E-4	-1.65E-4
	CC14	0.2201	-0.8321	0.0587	-6.95E-3	-3.98E-4	1.88E-4
	CC15	-0.1202	-0.6778	-0.0481	-6.39E-3	-2.60E-4	3.05E-4
	CC16	-0.1241	-0.6062	-0.0310	-7.33E-3	-2.32E-4	6.59E-4
90	CC1	0.5719	-0.1422	0.1645	3.31E-3	-7.10E-4	-9.33E-4
	CC2	0.5605	-0.0971	0.1482	2.60E-3	-7.08E-4	-7.10E-4
	CC3	0.6082	-0.6093	0.0360	-1.48E-3	-7.71E-4	-7.95E-4
	CC4	0.5968	-0.5641	0.0197	-2.20E-3	-7.68E-4	-5.72E-4
	CC5	-0.6382	0.6109	-0.1730	2.63E-3	-1.27E-4	6.36E-4
	CC6	-0.6496	0.6560	-0.1893	1.91E-3	-1.24E-4	8.59E-4
	CC7	-0.6020	0.1438	-0.3016	-2.16E-3	-1.88E-4	7.74E-4
	CC8	-0.6133	0.1890	-0.3179	-2.88E-3	-1.85E-4	9.97E-4
	CC9	0.1094	0.6530	0.2012	8.88E-3	-4.36E-4	-6.10E-4
	CC10	0.0914	0.7246	0.1753	7.73E-3	-4.32E-4	-2.57E-4
	CC11	-0.2537	0.8789	0.0999	8.67E-3	-2.61E-4	-1.39E-4
	CC12	-0.2717	0.9506	0.0740	7.53E-3	-2.57E-4	2.14E-4
	CC13	0.2303	-0.9038	-0.2273	-7.09E-3	-6.38E-4	-1.50E-4
	CC14	0.2123	-0.8322	-0.2532	-8.24E-3	-6.34E-4	2.04E-4
	CC15	-0.1328	-0.6779	-0.3286	-7.30E-3	-4.63E-4	3.21E-4
	CC16	-0.1508	-0.6062	-0.3545	-8.44E-3	-4.59E-4	6.74E-4
91	CC1	0.6420	-0.1750	0.4141	3.12E-3	-3.75E-4	-9.65E-4
	CC2	0.6139	-0.1221	0.3469	2.43E-3	-4.29E-4	-7.42E-4
	CC3	0.6679	-0.6372	-0.0521	-1.55E-3	-8.38E-4	-8.27E-4
	CC4	0.6398	-0.5843	-0.1193	-2.25E-3	-8.92E-4	-6.04E-4
	CC5	-0.6858	0.6331	0.0203	2.60E-3	2.47E-4	6.04E-4
	CC6	-0.7139	0.6860	-0.0469	1.91E-3	1.93E-4	8.27E-4
	CC7	-0.6599	0.1709	-0.4459	-2.07E-3	-2.16E-4	7.42E-4
	CC8	-0.6880	0.2238	-0.5131	-2.77E-3	-2.70E-4	9.65E-4
	CC9	0.1552	0.6315	0.8400	8.60E-3	3.99E-4	-6.42E-4
	CC10	0.1107	0.7156	0.7332	7.49E-3	3.14E-4	-2.89E-4

	CC11	-0.2431	0.8739	0.7218	8.44E-3	5.86E-4	-1.71E-4
	CC12	-0.2876	0.9580	0.6151	7.33E-3	5.01E-4	1.82E-4
	CC13	0.2416	-0.9092	-0.7141	-6.98E-3	-1.15E-3	-1.82E-4
	CC14	0.1971	-0.8251	-0.8209	-8.08E-3	-1.23E-3	1.71E-4
	CC15	-0.1567	-0.6668	-0.8323	-7.13E-3	-9.59E-4	2.89E-4
	CC16	-0.2012	-0.5827	-0.9390	-8.24E-3	-1.04E-3	6.42E-4
92	CC1	0.6420	-0.2078	0.4260	3.12E-3	-3.25E-4	-9.65E-4
	CC2	0.6140	-0.1470	0.3610	2.43E-3	-3.87E-4	-7.42E-4
	CC3	0.6679	-0.6651	-0.0227	-1.49E-3	-8.13E-4	-8.27E-4
	CC4	0.6399	-0.6044	-0.0877	-2.18E-3	-8.75E-4	-6.04E-4
	CC5	-0.6858	0.6552	0.0108	2.51E-3	2.39E-4	6.04E-4
	CC6	-0.7138	0.7159	-0.0542	1.82E-3	1.76E-4	8.27E-4
	CC7	-0.6599	0.1978	-0.4379	-2.09E-3	-2.49E-4	7.42E-4
	CC8	-0.6879	0.2585	-0.5029	-2.78E-3	-3.11E-4	9.65E-4
	CC9	0.1553	0.6100	0.8233	8.48E-3	4.59E-4	-6.42E-4
	CC10	0.1107	0.7065	0.7200	7.38E-3	3.60E-4	-2.89E-4
	CC11	-0.2431	0.8689	0.6988	8.30E-3	6.28E-4	-1.71E-4
	CC12	-0.2876	0.9653	0.5955	7.20E-3	5.30E-4	1.82E-4
	CC13	0.2417	-0.9146	-0.6723	-6.87E-3	-1.17E-3	-1.82E-4
	CC14	0.1971	-0.8181	-0.7757	-7.97E-3	-1.26E-3	1.71E-4
	CC15	-0.1567	-0.6557	-0.7969	-7.05E-3	-9.97E-4	2.89E-4
	CC16	-0.2012	-0.5593	-0.9002	-8.15E-3	-1.10E-3	6.42E-4
93	CC1	0.5991	-0.2406	0.2966	3.04E-3	-3.55E-4	-9.65E-4
	CC2	0.5812	-0.1721	0.2644	2.38E-3	-4.03E-4	-7.42E-4
	CC3	0.6313	-0.6931	0.0691	-1.34E-3	-7.35E-4	-8.27E-4
	CC4	0.6135	-0.6246	0.0370	-2.00E-3	-7.83E-4	-6.04E-4
	CC5	-0.6568	0.6773	-0.1053	2.28E-3	1.21E-4	6.04E-4
	CC6	-0.6747	0.7458	-0.1375	1.63E-3	7.31E-5	8.27E-4
	CC7	-0.6246	0.2248	-0.3328	-2.09E-3	-2.59E-4	7.42E-4
	CC8	-0.6424	0.2933	-0.3650	-2.75E-3	-3.07E-4	9.65E-4
	CC9	0.1271	0.5885	0.4308	8.07E-3	2.69E-4	-6.42E-4
	CC10	0.0988	0.6973	0.3796	7.03E-3	1.93E-4	-2.89E-4
	CC11	-0.2496	0.8639	0.3102	7.85E-3	4.12E-4	-1.71E-4
	CC12	-0.2780	0.9727	0.2591	6.80E-3	3.36E-4	1.82E-4
	CC13	0.2346	-0.9200	-0.3274	-6.52E-3	-9.97E-4	-1.82E-4
	CC14	0.2063	-0.8112	-0.3786	-7.56E-3	-1.07E-3	1.71E-4
	CC15	-0.1421	-0.6446	-0.4480	-6.74E-3	-8.55E-4	2.89E-4
	CC16	-0.1705	-0.5358	-0.4991	-7.79E-3	-9.31E-4	6.42E-4
94	CC1	0.5561	-0.2406	0.1641	2.75E-3	-4.32E-4	-9.65E-4
	CC2	0.5484	-0.1721	0.1597	2.19E-3	-4.57E-4	-7.42E-4
	CC3	0.5946	-0.6931	0.1221	-9.84E-4	-6.48E-4	-8.27E-4
	CC4	0.5870	-0.6246	0.1177	-1.54E-3	-6.72E-4	-6.04E-4
	CC5	-0.6279	0.6773	-0.1971	1.75E-3	-2.88E-5	6.04E-4
	CC6	-0.6355	0.7458	-0.2015	1.19E-3	-5.34E-5	8.27E-4
	CC7	-0.5893	0.2247	-0.2391	-1.99E-3	-2.45E-4	7.42E-4
	CC8	-0.5970	0.2932	-0.2435	-2.54E-3	-2.69E-4	9.65E-4
	CC9	0.0989	0.5885	0.0879	6.92E-3	-3.18E-5	-6.42E-4
	CC10	0.0868	0.6973	0.0809	6.03E-3	-7.07E-5	-2.89E-4
	CC11	-0.2563	0.8639	-0.0204	6.62E-3	8.92E-5	-1.71E-4
	CC12	-0.2684	0.9727	-0.0274	5.73E-3	5.02E-5	1.82E-4
	CC13	0.2275	-0.9200	-0.0520	-5.53E-3	-7.52E-4	-1.82E-4
	CC14	0.2154	-0.8112	-0.0590	-6.41E-3	-7.90E-4	1.71E-4
	CC15	-0.1277	-0.6447	-0.1604	-5.83E-3	-6.31E-4	2.89E-4
	CC16	-0.1398	-0.5358	-0.1673	-6.71E-3	-6.70E-4	6.42E-4
95	CC1	0.5130	-0.2405	0.0528	2.11E-3	-5.17E-4	-9.65E-4
	CC2	0.5156	-0.1720	0.0697	1.74E-3	-5.24E-4	-7.42E-4
	CC3	0.5579	-0.6931	0.1545	-4.34E-4	-6.03E-4	-8.27E-4
	CC4	0.5605	-0.6246	0.1714	-8.05E-4	-6.10E-4	-6.04E-4
	CC5	-0.5990	0.6774	-0.2570	8.81E-4	-1.29E-4	6.04E-4
	CC6	-0.5965	0.7459	-0.2402	5.11E-4	-1.36E-4	8.27E-4
	CC7	-0.5541	0.2248	-0.1553	-1.66E-3	-2.15E-4	7.42E-4
	CC8	-0.5516	0.2933	-0.1384	-2.03E-3	-2.22E-4	9.65E-4
	CC9	0.0707	0.5886	-0.1793	4.76E-3	-2.78E-4	-6.42E-4
	CC10	0.0747	0.6974	-0.1525	4.17E-3	-2.90E-4	-2.89E-4
	CC11	-0.2630	0.8639	-0.2723	4.39E-3	-1.62E-4	-1.71E-4
	CC12	-0.2589	0.9727	-0.2455	3.80E-3	-1.73E-4	1.82E-4
	CC13	0.2203	-0.9199	0.1598	-3.72E-3	-5.65E-4	-1.82E-4
	CC14	0.2244	-0.8111	0.1866	-4.31E-3	-5.77E-4	1.71E-4
	CC15	-0.1133	-0.6446	0.0669	-4.09E-3	-4.49E-4	2.89E-4
	CC16	-0.1092	-0.5358	0.0937	-4.68E-3	-4.61E-4	6.42E-4
96	CC1	0.4701	-0.2403	-0.0238	1.21E-3	-4.88E-4	-9.65E-4
	CC2	0.4829	-0.1718	0.0051	1.06E-3	-5.08E-4	-7.42E-4
	CC3	0.5213	-0.6929	0.1627	7.02E-5	-6.36E-4	-8.27E-4

	CC4	0.5341	-0.6244	0.1916	-8.07E-5	-6.56E-4	-6.04E-4
	CC5	-0.5700	0.6776	-0.2774	1.56E-5	-8.84E-5	6.04E-4
	CC6	-0.5573	0.7461	-0.2485	-1.35E-4	-1.09E-4	8.27E-4
	CC7	-0.5188	0.2250	-0.0909	-1.13E-3	-2.37E-4	7.42E-4
	CC8	-0.5060	0.2935	-0.0620	-1.28E-3	-2.57E-4	9.65E-4
	CC9	0.0425	0.5888	-0.3386	2.17E-3	-1.69E-4	-6.42E-4
	CC10	0.0628	0.6976	-0.2928	1.93E-3	-2.01E-4	-2.89E-4
	CC11	-0.2695	0.8641	-0.4147	1.81E-3	-4.92E-5	-1.71E-4
	CC12	-0.2492	0.9729	-0.3688	1.57E-3	-8.13E-5	1.82E-4
	CC13	0.2133	-0.9197	0.2830	-1.64E-3	-6.63E-4	-1.82E-4
	CC14	0.2336	-0.8109	0.3289	-1.88E-3	-6.95E-4	1.71E-4
	CC15	-0.0988	-0.6444	0.2069	-2.00E-3	-5.44E-4	2.89E-4
	CC16	-0.0785	-0.5356	0.2528	-2.24E-3	-5.76E-4	6.42E-4
97	CC1	0.4274	-0.2401	-0.0623	4.57E-4	-2.92E-4	-9.65E-4
	CC2	0.4504	-0.1716	-0.0300	4.55E-4	-3.55E-4	-7.42E-4
	CC3	0.4850	-0.6927	0.1544	2.71E-4	-7.07E-4	-8.27E-4
	CC4	0.5080	-0.6242	0.1868	2.69E-4	-7.70E-4	-6.04E-4
	CC5	-0.5408	0.6777	-0.2674	-4.33E-4	3.91E-5	6.04E-4
	CC6	-0.5178	0.7462	-0.2350	-4.36E-4	-2.39E-5	8.27E-4
	CC7	-0.4832	0.2252	-0.0506	-6.19E-4	-3.76E-4	7.42E-4
	CC8	-0.4602	0.2937	-0.0182	-6.21E-4	-4.39E-4	9.65E-4
	CC9	0.0147	0.5890	-0.3965	3.62E-4	3.27E-4	-6.42E-4
	CC10	0.0512	0.6978	-0.3451	3.59E-4	2.27E-4	-2.89E-4
	CC11	-0.2758	0.8643	-0.4580	9.50E-5	4.27E-4	-1.71E-4
	CC12	-0.2393	0.9731	-0.4066	9.14E-5	3.27E-4	1.82E-4
	CC13	0.2065	-0.9196	0.3261	-2.56E-4	-1.06E-3	-1.82E-4
	CC14	0.2430	-0.8107	0.3775	-2.59E-4	-1.16E-3	1.71E-4
	CC15	-0.0840	-0.6442	0.2646	-5.23E-4	-9.58E-4	2.89E-4
	CC16	-0.0475	-0.5354	0.3160	-5.26E-4	-1.06E-3	6.42E-4
98	CC1	0.3848	-0.2075	-0.0826	1.58E-4	-1.35E-4	-9.65E-4
	CC2	0.4180	-0.1468	-0.0540	1.99E-4	-2.20E-4	-7.42E-4
	CC3	0.4487	-0.6649	0.1176	2.58E-4	-6.93E-4	-8.27E-4
	CC4	0.4819	-0.6042	0.1462	2.99E-4	-7.78E-4	-6.04E-4
	CC5	-0.5114	0.6555	-0.2437	-5.01E-4	5.81E-5	6.04E-4
	CC6	-0.4782	0.7162	-0.2150	-4.59E-4	-2.71E-5	8.27E-4
	CC7	-0.4476	0.1981	-0.0434	-4.01E-4	-5.00E-4	7.42E-4
	CC8	-0.4144	0.2588	-0.0148	-3.59E-4	-5.85E-4	9.65E-4
	CC9	-0.0131	0.6103	-0.3811	-2.02E-4	6.09E-4	-6.42E-4
	CC10	0.0396	0.7067	-0.3356	-1.35E-4	4.74E-4	-2.89E-4
	CC11	-0.2820	0.8692	-0.4294	-4.00E-4	6.67E-4	-1.71E-4
	CC12	-0.2293	0.9656	-0.3839	-3.33E-4	5.32E-4	1.82E-4
	CC13	0.1998	-0.9143	0.2865	1.31E-4	-1.25E-3	-1.82E-4
	CC14	0.2525	-0.8179	0.3319	1.98E-4	-1.39E-3	1.71E-4
	CC15	-0.0691	-0.6554	0.2381	-6.63E-5	-1.19E-3	2.89E-4
	CC16	-0.0164	-0.5590	0.2836	1.15E-7	-1.33E-3	6.42E-4
99	CC1	0.3850	-0.1749	-0.0839	-7.91E-5	-4.87E-5	-9.65E-4
	CC2	0.4182	-0.1220	-0.0585	-1.59E-5	-1.33E-4	-7.42E-4
	CC3	0.4489	-0.6371	0.0951	1.59E-4	-6.04E-4	-8.27E-4
	CC4	0.4821	-0.5842	0.1205	2.22E-4	-6.88E-4	-6.04E-4
	CC5	-0.5113	0.6331	-0.2433	-4.59E-4	-6.11E-5	6.04E-4
	CC6	-0.4781	0.6860	-0.2179	-3.95E-4	-1.45E-4	8.27E-4
	CC7	-0.4474	0.1709	-0.0643	-2.21E-4	-6.16E-4	7.42E-4
	CC8	-0.4142	0.2238	-0.0389	-1.58E-4	-7.00E-4	9.65E-4
	CC9	-0.0130	0.6316	-0.3560	-5.08E-4	6.19E-4	-6.42E-4
	CC10	0.0397	0.7156	-0.3157	-4.07E-4	4.86E-4	-2.89E-4
	CC11	-0.2819	0.8740	-0.4038	-6.22E-4	6.16E-4	-1.71E-4
	CC12	-0.2292	0.9580	-0.3635	-5.21E-4	4.82E-4	1.82E-4
	CC13	0.1999	-0.9091	0.2407	2.84E-4	-1.23E-3	-1.82E-4
	CC14	0.2526	-0.8251	0.2811	3.85E-4	-1.36E-3	1.71E-4
	CC15	-0.0690	-0.6667	0.1929	1.71E-4	-1.23E-3	2.89E-4
	CC16	-0.0162	-0.5827	0.2333	2.71E-4	-1.37E-3	6.42E-4
100	CC1	0.5086	-0.0339	-0.1210	1.94E-3	-1.09E-3	1.03E-3
	CC2	0.5202	-0.0130	-0.0882	1.62E-3	-1.09E-3	8.54E-4
	CC3	0.5830	-0.6076	0.0875	-9.88E-4	-9.31E-4	-5.23E-4
	CC4	0.5946	-0.5867	0.1204	-1.32E-3	-9.26E-4	-6.96E-4
	CC5	-0.6077	0.6388	-0.3474	1.63E-3	-3.36E-4	8.63E-4
	CC6	-0.5961	0.6598	-0.3146	1.30E-3	-3.31E-4	6.89E-4
	CC7	-0.5333	0.0651	-0.1388	-1.30E-3	-1.74E-4	-6.88E-4
	CC8	-0.5217	0.0860	-0.1060	-1.63E-3	-1.69E-4	-8.62E-4
	CC9	0.0276	0.8648	-0.4532	5.35E-3	-1.02E-3	2.83E-3
	CC10	0.0461	0.8980	-0.4011	4.83E-3	-1.01E-3	2.55E-3
	CC11	-0.3072	1.0666	-0.5211	5.26E-3	-7.91E-4	2.78E-3
	CC12	-0.2888	1.0998	-0.4690	4.74E-3	-7.83E-4	2.50E-3

	CC13	0.2757	-1.0477	0.2420	-4.42E-3	-4.79E-4	-2.34E-3
	CC14	0.2941	-1.0144	0.2941	-4.94E-3	-4.70E-4	-2.61E-3
	CC15	-0.0592	-0.8459	0.1740	-4.51E-3	-2.52E-4	-2.39E-3
	CC16	-0.0407	-0.8126	0.2262	-5.04E-3	-2.43E-4	-2.66E-3
101	CC1	0.5258	0.0837	-0.1703	1.87E-3	-1.14E-3	9.91E-4
	CC2	0.5420	0.0770	-0.1363	1.56E-3	-1.18E-3	8.27E-4
	CC3	0.6224	-0.6167	0.0514	-1.03E-3	-1.22E-3	-5.44E-4
	CC4	0.6386	-0.6234	0.0855	-1.34E-3	-1.26E-3	-7.08E-4
	CC5	-0.6252	0.6815	-0.3632	1.75E-3	8.84E-5	9.25E-4
	CC6	-0.6090	0.6748	-0.3292	1.44E-3	4.66E-5	7.60E-4
	CC7	-0.5286	-0.0189	-0.1415	-1.15E-3	1.43E-5	-6.10E-4
	CC8	-0.5124	-0.0256	-0.1074	-1.46E-3	-2.75E-5	-7.75E-4
	CC9	0.0055	1.1120	-0.5065	5.31E-3	-6.13E-4	2.81E-3
	CC10	0.0313	1.1015	-0.4525	4.81E-3	-6.80E-4	2.55E-3
	CC11	-0.3398	1.2914	-0.5644	5.27E-3	-2.44E-4	2.79E-3
	CC12	-0.3140	1.2808	-0.5103	4.78E-3	-3.10E-4	2.53E-3
	CC13	0.3274	-1.2227	0.2326	-4.37E-3	-8.60E-4	-2.31E-3
	CC14	0.3532	-1.2333	0.2866	-4.86E-3	-9.26E-4	-2.57E-3
	CC15	-0.0179	-1.0433	0.1747	-4.40E-3	-4.91E-4	-2.33E-3
	CC16	0.0079	-1.0539	0.2288	-4.90E-3	-5.57E-4	-2.59E-3
102	CC1	0.5452	0.2070	-0.2198	1.84E-3	-1.15E-3	9.74E-4
	CC2	0.5660	0.1706	-0.1859	1.56E-3	-1.19E-3	8.26E-4
	CC3	0.6627	-0.6321	0.0084	-9.67E-4	-1.21E-3	-5.12E-4
	CC4	0.6835	-0.6685	0.0423	-1.25E-3	-1.26E-3	-6.60E-4
	CC5	-0.6472	0.7325	-0.3632	1.72E-3	3.47E-4	9.08E-4
	CC6	-0.6264	0.6961	-0.3293	1.44E-3	3.02E-4	7.60E-4
	CC7	-0.5297	-0.1066	-0.1350	-1.09E-3	2.84E-4	-5.78E-4
	CC8	-0.5089	-0.1430	-0.1011	-1.37E-3	2.39E-4	-7.26E-4
	CC9	-0.0153	1.3805	-0.5462	5.16E-3	-5.38E-4	2.73E-3
	CC10	0.0178	1.3227	-0.4924	4.71E-3	-6.10E-4	2.49E-3
	CC11	-0.3730	1.5382	-0.5893	5.12E-3	-8.90E-5	2.71E-3
	CC12	-0.3400	1.4803	-0.5354	4.68E-3	-1.61E-4	2.47E-3
	CC13	0.3763	-1.4163	0.2145	-4.21E-3	-7.48E-4	-2.22E-3
	CC14	0.4093	-1.4742	0.2684	-4.65E-3	-8.20E-4	-2.46E-3
	CC15	0.0185	-1.2587	0.1715	-4.24E-3	-3.00E-4	-2.24E-3
	CC16	0.0516	-1.3165	0.2254	-4.69E-3	-3.72E-4	-2.48E-3
103	CC1	0.5646	0.3356	-0.2667	1.76E-3	-1.05E-3	9.32E-4
	CC2	0.5899	0.2674	-0.2333	1.53E-3	-1.10E-3	8.08E-4
	CC3	0.7012	-0.6536	-0.0333	-8.65E-4	-1.12E-3	-4.58E-4
	CC4	0.7265	-0.7219	0.0001	-1.10E-3	-1.17E-3	-5.82E-4
	CC5	-0.6745	0.7917	-0.3504	1.61E-3	6.61E-4	8.49E-4
	CC6	-0.6492	0.7234	-0.3170	1.37E-3	6.10E-4	7.25E-4
	CC7	-0.5379	-0.1975	-0.1170	-1.02E-3	5.90E-4	-5.40E-4
	CC8	-0.5126	-0.2658	-0.0836	-1.26E-3	5.38E-4	-6.65E-4
	CC9	-0.0359	1.6695	-0.5782	4.84E-3	-3.53E-4	2.56E-3
	CC10	0.0042	1.5610	-0.5252	4.47E-3	-4.35E-4	2.36E-3
	CC11	-0.4077	1.8063	-0.6033	4.79E-3	1.60E-4	2.54E-3
	CC12	-0.3675	1.6978	-0.5503	4.42E-3	7.89E-5	2.34E-3
	CC13	0.4194	-1.6280	0.2000	-3.92E-3	-5.92E-4	-2.07E-3
	CC14	0.4596	-1.7365	0.2530	-4.29E-3	-6.73E-4	-2.27E-3
	CC15	0.0477	-1.4912	0.1749	-3.96E-3	-7.80E-5	-2.10E-3
	CC16	0.0879	-1.5997	0.2279	-4.34E-3	-1.59E-4	-2.29E-3
104	CC1	0.5820	0.4691	-0.3076	1.67E-3	-8.88E-4	8.86E-4
	CC2	0.6117	0.3669	-0.2751	1.49E-3	-9.45E-4	7.87E-4
	CC3	0.7365	-0.6812	-0.0706	-7.56E-4	-9.80E-4	-4.00E-4
	CC4	0.7662	-0.7834	-0.0381	-9.43E-4	-1.04E-3	-4.99E-4
	CC5	-0.7078	0.8590	-0.3240	1.47E-3	9.77E-4	7.76E-4
	CC6	-0.6781	0.7568	-0.2915	1.28E-3	9.19E-4	6.77E-4
	CC7	-0.5534	-0.2913	-0.0870	-9.64E-4	8.84E-4	-5.10E-4
	CC8	-0.5237	-0.3935	-0.0545	-1.15E-3	8.26E-4	-6.09E-4
	CC9	-0.0583	1.9776	-0.5994	4.49E-3	-1.10E-4	2.38E-3
	CC10	-0.0112	1.8153	-0.5479	4.19E-3	-2.02E-4	2.22E-3
	CC11	-0.4453	2.0946	-0.6044	4.43E-3	4.49E-4	2.34E-3
	CC12	-0.3981	1.9322	-0.5528	4.13E-3	3.57E-4	2.19E-3
	CC13	0.4565	-1.8566	0.1907	-3.61E-3	-4.18E-4	-1.91E-3
	CC14	0.5037	-2.0190	0.2422	-3.91E-3	-5.10E-4	-2.07E-3
	CC15	0.0696	-1.7397	0.1857	-3.67E-3	1.41E-4	-1.94E-3
	CC16	0.1167	-1.9020	0.2373	-3.97E-3	4.92E-5	-2.10E-3
105	CC1	0.5966	0.6067	-0.3406	1.57E-3	-7.00E-4	8.30E-4
	CC2	0.6306	0.4686	-0.3095	1.43E-3	-7.66E-4	7.58E-4
	CC3	0.7679	-0.7144	-0.1023	-6.44E-4	-8.31E-4	-3.40E-4
	CC4	0.8019	-0.8525	-0.0711	-7.80E-4	-8.98E-4	-4.13E-4
	CC5	-0.7467	0.9337	-0.2846	1.30E-3	1.26E-3	6.90E-4

	CC6	-0.7127	0.7957	-0.2535	1.17E-3	1.19E-3	6.18E-4
	CC7	-0.5754	-0.3874	-0.0462	-9.09E-4	1.13E-3	-4.81E-4
	CC8	-0.5414	-0.5254	-0.0151	-1.05E-3	1.06E-3	-5.53E-4
	CC9	-0.0833	2.3030	-0.6083	4.10E-3	1.60E-4	2.17E-3
	CC10	-0.0293	2.0838	-0.5589	3.88E-3	5.45E-5	2.05E-3
	CC11	-0.4863	2.4012	-0.5915	4.02E-3	7.48E-4	2.13E-3
	CC12	-0.4323	2.1819	-0.5421	3.80E-3	6.43E-4	2.01E-3
	CC13	0.4875	-2.1006	0.1863	-3.28E-3	-2.80E-4	-1.73E-3
	CC14	0.5416	-2.3199	0.2358	-3.50E-3	-3.85E-4	-1.85E-3
	CC15	0.0845	-2.0025	0.2031	-3.36E-3	3.08E-4	-1.78E-3
	CC16	0.1386	-2.2218	0.2526	-3.58E-3	2.03E-4	-1.89E-3
106	CC1	0.6081	0.7478	-0.3655	1.44E-3	-5.22E-4	7.62E-4
	CC2	0.6464	0.5721	-0.3363	1.36E-3	-6.00E-4	7.19E-4
	CC3	0.7957	-0.7528	-0.1289	-5.32E-4	-7.20E-4	-2.82E-4
	CC4	0.8340	-0.9285	-0.0997	-6.14E-4	-7.97E-4	-3.25E-4
	CC5	-0.7900	1.0154	-0.2343	1.12E-3	1.48E-3	5.93E-4
	CC6	-0.7517	0.8397	-0.2051	1.04E-3	1.40E-3	5.50E-4
	CC7	-0.6024	-0.4852	0.0023	-8.52E-4	1.28E-3	-4.50E-4
	CC8	-0.5641	-0.6609	0.0315	-9.33E-4	1.20E-3	-4.94E-4
	CC9	-0.1114	2.6438	-0.6042	3.66E-3	4.30E-4	1.93E-3
	CC10	-0.0505	2.3648	-0.5578	3.53E-3	3.07E-4	1.87E-3
	CC11	-0.5308	2.7241	-0.5648	3.56E-3	1.03E-3	1.88E-3
	CC12	-0.4700	2.4451	-0.5184	3.43E-3	9.06E-4	1.81E-3
	CC13	0.5140	-2.3582	0.1844	-2.92E-3	-2.28E-4	-1.55E-3
	CC14	0.5748	-2.6372	0.2308	-3.05E-3	-3.51E-4	-1.61E-3
	CC15	0.0945	-2.2779	0.2238	-3.02E-3	3.71E-4	-1.60E-3
	CC16	0.1554	-2.5569	0.2702	-3.15E-3	2.48E-4	-1.66E-3
107	CC1	0.6170	0.8919	-0.3833	1.28E-3	-3.93E-4	6.77E-4
	CC2	0.6598	0.6771	-0.3567	1.26E-3	-4.86E-4	6.67E-4
	CC3	0.8212	-0.7960	-0.1530	-4.13E-4	-6.88E-4	-2.18E-4
	CC4	0.8640	-1.0108	-0.1264	-4.32E-4	-7.81E-4	-2.29E-4
	CC5	-0.8360	1.1033	-0.1767	9.10E-4	1.58E-3	4.81E-4
	CC6	-0.7932	0.8884	-0.1501	8.90E-4	1.49E-3	4.71E-4
	CC7	-0.6318	-0.5846	0.0536	-7.83E-4	1.29E-3	-4.14E-4
	CC8	-0.5891	-0.7995	0.0803	-8.02E-4	1.19E-3	-4.24E-4
	CC9	-0.1423	2.9984	-0.5876	3.13E-3	6.70E-4	1.66E-3
	CC10	-0.0744	2.6571	-0.5453	3.10E-3	5.22E-4	1.64E-3
	CC11	-0.5782	3.0618	-0.5256	3.02E-3	1.26E-3	1.60E-3
	CC12	-0.5103	2.7205	-0.4833	2.99E-3	1.12E-3	1.58E-3
	CC13	0.5383	-2.6280	0.1802	-2.51E-3	-3.14E-4	-1.33E-3
	CC14	0.6062	-2.9693	0.2225	-2.54E-3	-4.61E-4	-1.34E-3
	CC15	0.1024	-2.5646	0.2422	-2.62E-3	2.79E-4	-1.39E-3
	CC16	0.1703	-2.9059	0.2845	-2.65E-3	1.31E-4	-1.40E-3
108	CC1	0.6249	1.0392	-0.3962	1.01E-3	-3.35E-4	5.32E-4
	CC2	0.6723	0.7835	-0.3733	1.07E-3	-4.57E-4	5.66E-4
	CC3	0.8468	-0.8434	-0.1795	-2.69E-4	-8.13E-4	-1.42E-4
	CC4	0.8941	-1.0992	-0.1567	-2.04E-4	-9.35E-4	-1.08E-4
	CC5	-0.8817	1.1972	-0.1162	6.42E-4	1.56E-3	3.40E-4
	CC6	-0.8344	0.9415	-0.0933	7.07E-4	1.44E-3	3.74E-4
	CC7	-0.6599	-0.6855	0.1004	-6.32E-4	1.08E-3	-3.34E-4
	CC8	-0.6125	-0.9412	0.1233	-5.68E-4	9.63E-4	-3.00E-4
	CC9	-0.1751	3.3662	-0.5577	2.35E-3	9.22E-4	1.24E-3
	CC10	-0.0999	2.9600	-0.5213	2.45E-3	7.30E-4	1.30E-3
	CC11	-0.6271	3.4136	-0.4737	2.24E-3	1.49E-3	1.18E-3
	CC12	-0.5519	3.0074	-0.4374	2.34E-3	1.30E-3	1.24E-3
	CC13	0.5643	-2.9094	0.1645	-1.90E-3	-6.72E-4	-1.01E-3
	CC14	0.6395	-3.3156	0.2008	-1.80E-3	-8.64E-4	-9.52E-4
	CC15	0.1123	-2.8620	0.2485	-2.01E-3	-1.02E-4	-1.06E-3
	CC16	0.1875	-3.2682	0.2848	-1.91E-3	-2.95E-4	-1.01E-3
109	CC1	0.6342	1.1892	-0.4026	6.13E-4	-2.16E-4	3.24E-4
	CC2	0.6863	0.8913	-0.3855	7.76E-4	-3.78E-4	4.11E-4
	CC3	0.8748	-0.8941	-0.2139	-1.47E-4	-1.02E-3	-7.75E-5
	CC4	0.9268	-1.1920	-0.1969	1.66E-5	-1.18E-3	8.76E-6
	CC5	-0.9222	1.2956	-0.0594	3.60E-4	1.31E-3	1.90E-4
	CC6	-0.8702	0.9977	-0.0424	5.23E-4	1.14E-3	2.77E-4
	CC7	-0.6817	-0.7876	0.1292	-4.00E-4	5.06E-4	-2.12E-4
	CC8	-0.6297	-1.0856	0.1463	-2.37E-4	3.44E-4	-1.25E-4
	CC9	-0.2065	3.7446	-0.5076	1.36E-3	1.30E-3	7.21E-4
	CC10	-0.1238	3.2713	-0.4805	1.62E-3	1.04E-3	8.58E-4
	CC11	-0.6734	3.7765	-0.4046	1.29E-3	1.75E-3	6.81E-4
	CC12	-0.5907	3.3033	-0.3775	1.55E-3	1.50E-3	8.18E-4
	CC13	0.5953	-3.1997	0.1212	-1.17E-3	-1.37E-3	-6.19E-4
	CC14	0.6780	-3.6729	0.1483	-9.11E-4	-1.63E-3	-4.82E-4

	CC15	0.1284	-3.1677	0.2242	-1.25E-3	-9.11E-4	-6.59E-4
	CC16	0.2110	-3.6410	0.2513	-9.87E-4	-1.17E-3	-5.22E-4
110	CC1	0.7483	1.3332	-0.3578	1.82E-3	-9.07E-4	-2.32E-3
	CC2	0.7679	0.9931	-0.3535	1.65E-3	-9.76E-4	-1.43E-3
	CC3	0.8680	-0.9473	-0.2875	-4.45E-4	-1.29E-3	9.77E-4
	CC4	0.8875	-1.2874	-0.2832	-6.23E-4	-1.36E-3	1.86E-3
	CC5	-0.8792	1.3953	0.0264	1.27E-3	4.34E-4	-1.64E-3
	CC6	-0.8597	1.0552	0.0307	1.09E-3	3.64E-4	-7.48E-4
	CC7	-0.7595	-0.8852	0.0967	-1.00E-3	4.77E-5	1.66E-3
	CC8	-0.7400	-1.2253	0.1011	-1.18E-3	-2.19E-5	2.55E-3
	CC9	0.0333	4.1155	-0.3067	4.33E-3	3.34E-5	-6.19E-3
	CC10	0.0644	3.5753	-0.2998	4.05E-3	-7.72E-5	-4.78E-3
	CC11	-0.4549	4.1341	-0.1914	4.16E-3	4.36E-4	-5.98E-3
	CC12	-0.4239	3.5939	-0.1845	3.88E-3	3.25E-4	-4.57E-3
	CC13	0.4322	-3.4860	-0.0722	-3.23E-3	-1.25E-3	4.80E-3
	CC14	0.4632	-4.0263	-0.0653	-3.52E-3	-1.36E-3	6.21E-3
	CC15	-0.0560	-3.4674	0.0430	-3.40E-3	-8.51E-4	5.01E-3
	CC16	-0.0250	-4.0076	0.0499	-3.68E-3	-9.62E-4	6.42E-3
111	CC1	0.8406	1.3333	-0.2713	2.44E-3	-1.20E-3	-2.30E-3
	CC2	0.8246	0.9932	-0.2742	2.25E-3	-1.23E-3	-1.41E-3
	CC3	0.8283	-0.9471	-0.2962	-6.26E-5	-1.25E-3	9.98E-4
	CC4	0.8124	-1.2872	-0.2991	-2.55E-4	-1.27E-3	1.89E-3
	CC5	-0.8144	1.3955	0.0730	1.12E-3	4.83E-4	-1.61E-3
	CC6	-0.8303	1.0554	0.0701	9.26E-4	4.61E-4	-7.28E-4
	CC7	-0.8266	-0.8850	0.0481	-1.39E-3	4.41E-4	1.68E-3
	CC8	-0.8426	-1.2251	0.0452	-1.58E-3	4.20E-4	2.57E-3
	CC9	0.2803	4.1157	-0.1209	4.96E-3	-5.59E-4	-6.17E-3
	CC10	0.2550	3.5754	-0.1254	4.66E-3	-5.93E-4	-4.76E-3
	CC11	-0.2162	4.1343	-0.0176	4.57E-3	-5.30E-5	-5.96E-3
	CC12	-0.2415	3.5941	-0.0221	4.26E-3	-8.72E-5	-4.55E-3
	CC13	0.2395	-3.4858	-0.2040	-3.40E-3	-6.97E-4	4.82E-3
	CC14	0.2142	-4.0261	-0.2085	-3.70E-3	-7.31E-4	6.23E-3
	CC15	-0.2570	-3.4672	-0.1007	-3.79E-3	-1.91E-4	5.03E-3
	CC16	-0.2823	-4.0075	-0.1052	-4.10E-3	-2.25E-4	6.44E-3
112	CC1	0.9747	1.1838	0.0025	1.67E-3	-8.94E-4	8.83E-4
	CC2	0.8970	0.8875	-0.0366	1.58E-3	-8.53E-4	8.34E-4
	CC3	0.7402	-0.8902	-0.3270	-5.31E-4	-6.71E-4	-2.81E-4
	CC4	0.6625	-1.1865	-0.3661	-6.25E-4	-6.30E-4	-3.30E-4
	CC5	-0.6875	1.2897	0.2029	1.29E-3	8.94E-4	6.81E-4
	CC6	-0.7652	0.9934	0.1639	1.19E-3	9.35E-4	6.31E-4
	CC7	-0.9220	-0.7842	-0.1266	-9.14E-4	1.12E-3	-4.83E-4
	CC8	-0.9997	-1.0806	-0.1656	-1.01E-3	1.16E-3	-5.33E-4
	CC9	0.6894	3.7277	0.4685	4.13E-3	-5.41E-4	2.18E-3
	CC10	0.5660	3.2569	0.4065	3.98E-3	-4.76E-4	2.11E-3
	CC11	0.1907	3.7595	0.5287	4.02E-3	-4.05E-6	2.12E-3
	CC12	0.0673	3.2887	0.4666	3.87E-3	6.11E-5	2.05E-3
	CC13	-0.0923	-3.1855	-0.6298	-3.20E-3	2.03E-4	-1.69E-3
	CC14	-0.2157	-3.6562	-0.6918	-3.35E-3	2.68E-4	-1.77E-3
	CC15	-0.5910	-3.1537	-0.5697	-3.32E-3	7.40E-4	-1.76E-3
	CC16	-0.7144	-3.6245	-0.6317	-3.47E-3	8.05E-4	-1.83E-3
113	CC1	0.9514	1.0381	0.0285	1.50E-3	-6.55E-4	7.94E-4
	CC2	0.8769	0.7831	-0.0111	1.46E-3	-6.03E-4	7.73E-4
	CC3	0.7315	-0.8404	-0.3044	-3.76E-4	-3.81E-4	-1.99E-4
	CC4	0.6569	-1.0954	-0.3440	-4.16E-4	-3.29E-4	-2.20E-4
	CC5	-0.6709	1.1933	0.1596	1.01E-3	1.05E-3	5.35E-4
	CC6	-0.7455	0.9383	0.1200	9.72E-4	1.10E-3	5.14E-4
	CC7	-0.8908	-0.6852	-0.1734	-8.66E-4	1.32E-3	-4.58E-4
	CC8	-0.9654	-0.9402	-0.2129	-9.06E-4	1.38E-3	-4.79E-4
	CC9	0.6621	3.3590	0.4744	3.53E-3	-3.93E-4	1.87E-3
	CC10	0.5437	2.9540	0.4115	3.47E-3	-3.10E-4	1.84E-3
	CC11	0.1754	3.4055	0.5137	3.39E-3	1.18E-4	1.79E-3
	CC12	0.0570	3.0005	0.4509	3.32E-3	2.01E-4	1.76E-3
	CC13	-0.0709	-2.9027	-0.6353	-2.73E-3	5.19E-4	-1.44E-3
	CC14	-0.1894	-3.3077	-0.6982	-2.79E-3	6.02E-4	-1.48E-3
	CC15	-0.5576	-2.8561	-0.5960	-2.87E-3	1.03E-3	-1.52E-3
	CC16	-0.6761	-3.2611	-0.6589	-2.94E-3	1.11E-3	-1.55E-3
114	CC1	0.9303	0.8933	0.0535	1.46E-3	-7.41E-4	7.72E-4
	CC2	0.8591	0.6787	0.0120	1.40E-3	-6.57E-4	7.39E-4
	CC3	0.7270	-0.7938	-0.2906	-4.74E-4	-2.78E-4	-2.51E-4
	CC4	0.6559	-1.0084	-0.3322	-5.36E-4	-1.94E-4	-2.83E-4
	CC5	-0.6523	1.1009	0.1145	1.05E-3	1.05E-3	5.55E-4
	CC6	-0.7234	0.8863	0.0729	9.88E-4	1.14E-3	5.23E-4
	CC7	-0.8556	-0.5862	-0.2297	-8.83E-4	1.52E-3	-4.67E-4

	CC8	-0.9267	-0.8008	-0.2713	-9.45E-4	1.60E-3	-5.00E-4
	CC9	0.6344	2.9975	0.4886	3.59E-3	-6.79E-4	1.90E-3
	CC10	0.5215	2.6565	0.4226	3.49E-3	-5.46E-4	1.85E-3
	CC11	0.1596	3.0597	0.5069	3.47E-3	-1.41E-4	1.83E-3
	CC12	0.0467	2.7187	0.4409	3.37E-3	-7.46E-6	1.78E-3
	CC13	-0.0431	-2.6263	-0.6586	-2.85E-3	8.66E-4	-1.51E-3
	CC14	-0.1561	-2.9672	-0.7246	-2.95E-3	9.99E-4	-1.56E-3
	CC15	-0.5179	-2.5640	-0.6404	-2.98E-3	1.40E-3	-1.57E-3
	CC16	-0.6308	-2.9050	-0.7064	-3.08E-3	1.54E-3	-1.63E-3
115	CC1	0.9061	0.7498	0.0827	1.49E-3	-8.56E-4	7.86E-4
	CC2	0.8391	0.5742	0.0383	1.39E-3	-7.60E-4	7.34E-4
	CC3	0.7239	-0.7509	-0.2778	-5.87E-4	-3.15E-4	-3.10E-4
	CC4	0.6570	-0.9264	-0.3222	-6.85E-4	-2.20E-4	-3.63E-4
	CC5	-0.6358	1.0134	0.0712	1.14E-3	9.51E-4	6.01E-4
	CC6	-0.7028	0.8378	0.0268	1.04E-3	1.05E-3	5.49E-4
	CC7	-0.8180	-0.4872	-0.2893	-9.37E-4	1.49E-3	-4.96E-4
	CC8	-0.8849	-0.6628	-0.3337	-1.04E-3	1.59E-3	-5.48E-4
	CC9	0.5987	2.6445	0.5123	3.81E-3	-8.83E-4	2.02E-3
	CC10	0.4923	2.3656	0.4418	3.65E-3	-7.31E-4	1.93E-3
	CC11	0.1361	2.7235	0.5088	3.71E-3	-3.41E-4	1.96E-3
	CC12	0.0297	2.4446	0.4384	3.55E-3	-1.89E-4	1.88E-3
	CC13	-0.0085	-2.3577	-0.6894	-3.10E-3	9.20E-4	-1.64E-3
	CC14	-0.1149	-2.6366	-0.7598	-3.26E-3	1.07E-3	-1.72E-3
	CC15	-0.4711	-2.2786	-0.6928	-3.20E-3	1.46E-3	-1.69E-3
	CC16	-0.5775	-2.5575	-0.7633	-3.36E-3	1.61E-3	-1.78E-3
116	CC1	0.8775	0.6087	0.1175	1.55E-3	-1.03E-3	8.21E-4
	CC2	0.8152	0.4707	0.0699	1.41E-3	-9.27E-4	7.45E-4
	CC3	0.7201	-0.7125	-0.2615	-7.07E-4	-4.26E-4	-3.74E-4
	CC4	0.6578	-0.8505	-0.3091	-8.51E-4	-3.19E-4	-4.50E-4
	CC5	-0.6239	0.9318	0.0341	1.25E-3	7.35E-4	6.64E-4
	CC6	-0.6862	0.7938	-0.0135	1.11E-3	8.42E-4	5.88E-4
	CC7	-0.7813	-0.3894	-0.3449	-1.00E-3	1.34E-3	-5.31E-4
	CC8	-0.8436	-0.5274	-0.3925	-1.15E-3	1.45E-3	-6.07E-4
	CC9	0.5539	2.3037	0.5445	4.13E-3	-1.16E-3	2.18E-3
	CC10	0.4550	2.0845	0.4689	3.90E-3	-9.85E-4	2.06E-3
	CC11	0.1035	2.4007	0.5195	4.04E-3	-6.25E-4	2.13E-3
	CC12	0.0046	2.1815	0.4439	3.81E-3	-4.54E-4	2.01E-3
	CC13	0.0293	-2.1001	-0.7189	-3.40E-3	8.70E-4	-1.80E-3
	CC14	-0.0696	-2.3193	-0.7945	-3.63E-3	1.04E-3	-1.92E-3
	CC15	-0.4211	-2.0032	-0.7439	-3.49E-3	1.40E-3	-1.85E-3
	CC16	-0.5201	-2.2224	-0.8195	-3.72E-3	1.57E-3	-1.97E-3
117	CC1	0.8437	0.4710	0.1594	1.64E-3	-1.22E-3	8.67E-4
	CC2	0.7866	0.3689	0.1083	1.45E-3	-1.11E-3	7.65E-4
	CC3	0.7142	-0.6792	-0.2394	-8.28E-4	-5.76E-4	-4.38E-4
	CC4	0.6571	-0.7813	-0.2905	-1.02E-3	-4.60E-4	-5.39E-4
	CC5	-0.6187	0.8569	0.0069	1.39E-3	4.51E-4	7.37E-4
	CC6	-0.6758	0.7548	-0.0442	1.20E-3	5.67E-4	6.36E-4
	CC7	-0.7482	-0.2933	-0.3919	-1.07E-3	1.10E-3	-5.67E-4
	CC8	-0.8053	-0.3954	-0.4430	-1.26E-3	1.21E-3	-6.69E-4
	CC9	0.4998	1.9781	0.5863	4.49E-3	-1.43E-3	2.37E-3
	CC10	0.4090	1.8159	0.5052	4.18E-3	-1.24E-3	2.21E-3
	CC11	0.0611	2.0939	0.5406	4.41E-3	-9.24E-4	2.33E-3
	CC12	-0.0297	1.9316	0.4594	4.11E-3	-7.40E-4	2.17E-3
	CC13	0.0681	-1.8560	-0.7430	-3.73E-3	7.31E-4	-1.98E-3
	CC14	-0.0226	-2.0183	-0.8241	-4.04E-3	9.15E-4	-2.14E-3
	CC15	-0.3706	-1.7402	-0.7888	-3.81E-3	1.23E-3	-2.01E-3
	CC16	-0.4613	-1.9025	-0.8699	-4.11E-3	1.42E-3	-2.18E-3
118	CC1	0.8051	0.3376	0.2081	1.74E-3	-1.38E-3	9.21E-4
	CC2	0.7535	0.2694	0.1533	1.50E-3	-1.26E-3	7.92E-4
	CC3	0.7060	-0.6516	-0.2108	-9.49E-4	-7.18E-4	-5.02E-4
	CC4	0.6545	-0.7198	-0.2655	-1.19E-3	-5.97E-4	-6.31E-4
	CC5	-0.6211	0.7897	-0.0085	1.56E-3	1.37E-4	8.23E-4
	CC6	-0.6726	0.7215	-0.0633	1.31E-3	2.58E-4	6.94E-4
	CC7	-0.7201	-0.1995	-0.4274	-1.14E-3	8.01E-4	-6.01E-4
	CC8	-0.7717	-0.2677	-0.4821	-1.38E-3	9.23E-4	-7.29E-4
	CC9	0.4366	1.6699	0.6370	4.89E-3	-1.66E-3	2.58E-3
	CC10	0.3548	1.5616	0.5501	4.50E-3	-1.47E-3	2.38E-3
	CC11	0.0088	1.8056	0.5721	4.83E-3	-1.21E-3	2.56E-3
	CC12	-0.0731	1.6972	0.4851	4.44E-3	-1.01E-3	2.35E-3
	CC13	0.1065	-1.6274	-0.7591	-4.08E-3	5.53E-4	-2.16E-3
	CC14	0.0246	-1.7357	-0.8461	-4.47E-3	7.47E-4	-2.36E-3
	CC15	-0.3214	-1.4917	-0.8241	-4.14E-3	1.01E-3	-2.19E-3
	CC16	-0.4032	-1.6001	-0.9111	-4.52E-3	1.20E-3	-2.39E-3

119	CC1	0.7625	0.2090	0.2617	1.86E-3	-1.48E-3	9.83E-4
	CC2	0.7170	0.1726	0.2031	1.56E-3	-1.36E-3	8.25E-4
	CC3	0.6961	-0.6304	-0.1769	-1.08E-3	-8.09E-4	-5.71E-4
	CC4	0.6506	-0.6668	-0.2354	-1.38E-3	-6.81E-4	-7.29E-4
	CC5	-0.6315	0.7309	-0.0116	1.75E-3	-1.72E-4	9.24E-4
	CC6	-0.6770	0.6945	-0.0701	1.45E-3	-4.36E-5	7.66E-4
	CC7	-0.6979	-0.1086	-0.4501	-1.19E-3	5.04E-4	-6.31E-4
	CC8	-0.7434	-0.1450	-0.5087	-1.49E-3	6.31E-4	-7.89E-4
	CC9	0.3654	1.3817	0.6949	5.34E-3	-1.85E-3	2.82E-3
	CC10	0.2931	1.3239	0.6019	4.86E-3	-1.65E-3	2.57E-3
	CC11	-0.0528	1.5383	0.6129	5.30E-3	-1.46E-3	2.80E-3
	CC12	-0.1251	1.4805	0.5199	4.83E-3	-1.25E-3	2.55E-3
	CC13	0.1442	-1.4164	-0.7669	-4.46E-3	4.00E-4	-2.36E-3
	CC14	0.0719	-1.4742	-0.8599	-4.93E-3	6.03E-4	-2.61E-3
	CC15	-0.2740	-1.2598	-0.8489	-4.49E-3	7.94E-4	-2.38E-3
	CC16	-0.3463	-1.3177	-0.9419	-4.97E-3	9.97E-4	-2.63E-3
120	CC1	0.7181	0.0861	0.3165	1.98E-3	-1.45E-3	1.05E-3
	CC2	0.6789	0.0792	0.2541	1.62E-3	-1.33E-3	8.57E-4
	CC3	0.6860	-0.6164	-0.1410	-1.24E-3	-8.05E-4	-6.55E-4
	CC4	0.6468	-0.6234	-0.2034	-1.60E-3	-6.77E-4	-8.45E-4
	CC5	-0.6492	0.6817	-0.0029	1.99E-3	-4.41E-4	1.05E-3
	CC6	-0.6884	0.6747	-0.0653	1.63E-3	-3.13E-4	8.61E-4
	CC7	-0.6813	-0.0209	-0.4604	-1.23E-3	2.07E-4	-6.51E-4
	CC8	-0.7205	-0.0279	-0.5228	-1.59E-3	3.36E-4	-8.41E-4
	CC9	0.2886	1.1163	0.7568	5.84E-3	-1.89E-3	3.09E-3
	CC10	0.2263	1.1052	0.6576	5.27E-3	-1.69E-3	2.79E-3
	CC11	-0.1216	1.2949	0.6610	5.84E-3	-1.59E-3	3.09E-3
	CC12	-0.1839	1.2839	0.5618	5.27E-3	-1.39E-3	2.79E-3
	CC13	0.1816	-1.2256	-0.7681	-4.88E-3	2.68E-4	-2.58E-3
	CC14	0.1193	-1.2366	-0.8673	-5.46E-3	4.72E-4	-2.89E-3
	CC15	-0.2286	-1.0469	-0.8639	-4.88E-3	5.71E-4	-2.58E-3
	CC16	-0.2909	-1.0580	-0.9631	-5.45E-3	7.76E-4	-2.88E-3
121	CC1	0.6760	-0.0304	0.3654	1.99E-3	-1.23E-3	1.05E-3
	CC2	0.6430	-0.0104	0.2992	1.59E-3	-1.11E-3	8.40E-4
	CC3	0.6772	-0.6101	-0.1083	-1.41E-3	-6.66E-4	-7.48E-4
	CC4	0.6442	-0.5901	-0.1745	-1.82E-3	-5.42E-4	-9.62E-4
	CC5	-0.6706	0.6425	0.0139	2.19E-3	-5.31E-4	1.16E-3
	CC6	-0.7035	0.6626	-0.0523	1.79E-3	-4.07E-4	9.46E-4
	CC7	-0.6694	0.0628	-0.4599	-1.21E-3	3.39E-5	-6.42E-4
	CC8	-0.7023	0.0828	-0.5260	-1.62E-3	1.58E-4	-8.56E-4
	CC9	0.2130	0.8756	0.8145	6.16E-3	-1.68E-3	3.26E-3
	CC10	0.1606	0.9074	0.7094	5.52E-3	-1.48E-3	2.92E-3
	CC11	-0.1910	1.0775	0.7091	6.22E-3	-1.47E-3	3.29E-3
	CC12	-0.2433	1.1093	0.6039	5.57E-3	-1.27E-3	2.95E-3
	CC13	0.2170	-1.0568	-0.7646	-5.20E-3	2.01E-4	-2.75E-3
	CC14	0.1646	-1.0250	-0.8697	-5.84E-3	3.97E-4	-3.09E-3
	CC15	-0.1870	-0.8549	-0.8700	-5.14E-3	4.11E-4	-2.72E-3
	CC16	-0.2393	-0.8232	-0.9751	-5.78E-3	6.07E-4	-3.06E-3
122	CC1	0.5401	1.3331	-0.3550	-1.83E-3	-1.19E-3	-2.30E-3
	CC2	0.6395	0.9930	-0.3412	-1.87E-3	-1.27E-3	-1.41E-3
	CC3	0.9566	-0.9473	-0.1723	-2.06E-3	-1.73E-3	9.96E-4
	CC4	1.0560	-1.2874	-0.1585	-2.10E-3	-1.81E-3	1.88E-3
	CC5	-1.0258	1.3952	-0.1107	1.79E-3	-7.71E-5	-1.62E-3
	CC6	-0.9264	1.0552	-0.0969	1.75E-3	-1.53E-4	-7.29E-4
	CC7	-0.6093	-0.8852	0.0720	1.56E-3	-6.12E-4	1.68E-3
	CC8	-0.5099	-1.2253	0.0858	1.52E-3	-6.88E-4	2.57E-3
	CC9	-0.5230	4.1155	-0.4867	-2.92E-4	-1.57E-4	-6.17E-3
	CC10	-0.3652	3.5752	-0.4648	-3.55E-4	-2.77E-4	-4.76E-3
	CC11	-0.9928	4.1341	-0.4134	7.94E-4	1.78E-4	-5.96E-3
	CC12	-0.8349	3.5939	-0.3915	7.31E-4	5.78E-5	-4.56E-3
	CC13	0.8652	-3.4860	0.1223	-1.04E-3	-1.94E-3	4.82E-3
	CC14	1.0230	-4.0263	0.1442	-1.10E-3	-2.06E-3	6.23E-3
	CC15	0.3954	-3.4674	0.1956	4.39E-5	-1.61E-3	5.03E-3
	CC16	0.5533	-4.0077	0.2175	-1.87E-5	-1.73E-3	6.44E-3
123	CC1	0.2441	1.3331	-0.2441	1.52E-4	-1.68E-3	-2.31E-3
	CC2	0.4573	0.9930	-0.1997	-1.86E-4	-1.85E-3	-1.42E-3
	CC3	1.0837	-0.9473	0.0933	-1.71E-3	-2.44E-3	9.89E-4
	CC4	1.2970	-1.2874	0.1378	-2.05E-3	-2.62E-3	1.88E-3
	CC5	-1.2339	1.3952	-0.3824	2.30E-3	1.57E-5	-1.62E-3
	CC6	-1.0206	1.0551	-0.3379	1.97E-3	-1.57E-4	-7.36E-4
	CC7	-0.3942	-0.8852	-0.0449	4.39E-4	-7.47E-4	1.67E-3
	CC8	-0.1810	-1.2253	-0.0005	9.99E-5	-9.20E-4	2.56E-3
	CC9	-1.3156	4.1155	-0.6992	3.18E-3	-1.47E-4	-6.18E-3

	CC10	-0.9768	3.5752	-0.6287	2.64E-3	-4.21E-4	-4.77E-3
	CC11	-1.7590	4.1341	-0.7407	3.83E-3	3.63E-4	-5.97E-3
	CC12	-1.4202	3.5939	-0.6702	3.29E-3	8.78E-5	-4.56E-3
	CC13	1.4833	-3.4861	0.4256	-3.04E-3	-2.69E-3	4.82E-3
	CC14	1.8221	-4.0263	0.4961	-3.57E-3	-2.96E-3	6.22E-3
	CC15	1.0399	-3.4674	0.3841	-2.39E-3	-2.18E-3	5.02E-3
	CC16	1.3787	-4.0077	0.4546	-2.93E-3	-2.46E-3	6.43E-3
124	CC1	0.0786	1.4399	-0.3321	5.48E-5	-1.82E-3	-2.44E-3
	CC2	0.3555	1.0588	-0.2734	-2.43E-4	-2.00E-3	-1.55E-3
	CC3	1.1546	-0.9931	0.0942	-1.61E-3	-2.58E-3	8.63E-4
	CC4	1.4315	-1.3742	0.1529	-1.91E-3	-2.76E-3	1.75E-3
	CC5	-1.3502	1.4703	-0.5524	2.32E-3	-1.45E-4	-1.75E-3
	CC6	-1.0734	1.0892	-0.4938	2.02E-3	-3.22E-4	-8.63E-4
	CC7	-0.2742	-0.9627	-0.1261	6.57E-4	-9.02E-4	1.55E-3
	CC8	0.0026	-1.3438	-0.0675	3.59E-4	-1.08E-3	2.44E-3
	CC9	-1.7583	4.4012	-0.9238	2.88E-3	-3.01E-4	-6.30E-3
	CC10	-1.3185	3.7957	-0.8306	2.40E-3	-5.82E-4	-4.89E-3
	CC11	-2.1869	4.4103	-0.9899	3.55E-3	2.02E-4	-6.10E-3
	CC12	-1.7472	3.8049	-0.8967	3.08E-3	-7.88E-5	-4.69E-3
	CC13	1.8284	-3.7088	0.4972	-2.67E-3	-2.82E-3	4.69E-3
	CC14	2.2682	-4.3142	0.5903	-3.14E-3	-3.10E-3	6.10E-3
	CC15	1.3998	-3.6996	0.4311	-1.99E-3	-2.32E-3	4.89E-3
	CC16	1.8395	-4.3051	0.5242	-2.46E-3	-2.60E-3	6.30E-3
125	CC1	0.0786	1.5466	-0.4205	-3.38E-5	-2.03E-3	-2.44E-3
	CC2	0.3555	1.1245	-0.3695	-3.13E-4	-2.18E-3	-1.55E-3
	CC3	1.1547	-1.0389	-0.0261	-1.60E-3	-2.62E-3	8.63E-4
	CC4	1.4315	-1.4610	0.0249	-1.87E-3	-2.76E-3	1.75E-3
	CC5	-1.3502	1.5454	-0.5617	2.29E-3	-2.63E-4	-1.75E-3
	CC6	-1.0734	1.1232	-0.5107	2.02E-3	-4.11E-4	-8.63E-4
	CC7	-0.2742	-1.0401	-0.1673	7.33E-4	-8.51E-4	1.55E-3
	CC8	0.0026	-1.4623	-0.1163	4.54E-4	-9.98E-4	2.44E-3
	CC9	-1.7583	4.6869	-0.9451	2.69E-3	-6.83E-4	-6.30E-3
	CC10	-1.3185	4.0162	-0.8641	2.24E-3	-9.17E-4	-4.89E-3
	CC11	-2.1869	4.6865	-0.9875	3.38E-3	-1.53E-4	-6.10E-3
	CC12	-1.7472	4.0159	-0.9065	2.94E-3	-3.87E-4	-4.69E-3
	CC13	1.8284	-3.9315	0.3696	-2.52E-3	-2.64E-3	4.69E-3
	CC14	2.2682	-4.6021	0.4506	-2.96E-3	-2.88E-3	6.10E-3
	CC15	1.3998	-3.9319	0.3273	-1.82E-3	-2.11E-3	4.89E-3
	CC16	1.8395	-4.6025	0.4082	-2.27E-3	-2.35E-3	6.30E-3
126	CC1	0.0786	1.6534	-0.5168	-1.34E-4	-2.15E-3	-2.44E-3
	CC2	0.3555	1.1902	-0.4721	-3.89E-4	-2.27E-3	-1.55E-3
	CC3	1.1547	-1.0846	-0.1470	-1.57E-3	-2.60E-3	8.63E-4
	CC4	1.4315	-1.5478	-0.1023	-1.83E-3	-2.72E-3	1.75E-3
	CC5	-1.3502	1.6205	-0.5754	2.26E-3	-3.29E-4	-1.75E-3
	CC6	-1.0734	1.1572	-0.5307	2.01E-3	-4.50E-4	-8.63E-4
	CC7	-0.2742	-1.1176	-0.2055	8.25E-4	-7.82E-4	1.55E-3
	CC8	0.0026	-1.5808	-0.1609	5.71E-4	-9.03E-4	2.44E-3
	CC9	-1.7583	4.9725	-0.9820	2.46E-3	-9.46E-4	-6.30E-3
	CC10	-1.3185	4.2367	-0.9110	2.05E-3	-1.14E-3	-4.89E-3
	CC11	-2.1869	4.9626	-0.9995	3.18E-3	-4.01E-4	-6.10E-3
	CC12	-1.7472	4.2268	-0.9286	2.77E-3	-5.93E-4	-4.69E-3
	CC13	1.8284	-4.1542	0.2509	-2.34E-3	-2.46E-3	4.69E-3
	CC14	2.2682	-4.8900	0.3219	-2.74E-3	-2.65E-3	6.10E-3
	CC15	1.3998	-4.1641	0.2333	-1.62E-3	-1.91E-3	4.89E-3
	CC16	1.8395	-4.8999	0.3043	-2.02E-3	-2.10E-3	6.30E-3
127	CC1	0.1825	1.7602	-0.6245	-1.91E-4	-2.18E-3	-2.44E-3
	CC2	0.4194	1.2559	-0.5960	-4.25E-4	-2.28E-3	-1.55E-3
	CC3	1.1101	-1.1304	-0.3361	-1.53E-3	-2.56E-3	8.63E-4
	CC4	1.3470	-1.6346	-0.3075	-1.76E-3	-2.66E-3	1.75E-3
	CC5	-1.2772	1.6955	-0.4900	2.24E-3	-3.52E-4	-1.75E-3
	CC6	-1.0403	1.1913	-0.4614	2.00E-3	-4.56E-4	-8.63E-4
	CC7	-0.3496	-1.1950	-0.2015	8.96E-4	-7.29E-4	1.55E-3
	CC8	-0.1127	-1.6993	-0.1730	6.62E-4	-8.33E-4	2.44E-3
	CC9	-1.4803	5.2582	-0.9224	2.29E-3	-1.07E-3	-6.30E-3
	CC10	-1.1040	4.4572	-0.8771	1.92E-3	-1.24E-3	-4.89E-3
	CC11	-1.9182	5.2388	-0.8820	3.02E-3	-5.22E-4	-6.10E-3
	CC12	-1.5419	4.4378	-0.8367	2.65E-3	-6.87E-4	-4.69E-3
	CC13	1.6117	-4.3769	0.0392	-2.18E-3	-2.33E-3	4.69E-3
	CC14	1.9881	-5.1779	0.0845	-2.55E-3	-2.49E-3	6.10E-3
	CC15	1.1738	-4.3963	0.0795	-1.45E-3	-1.78E-3	4.89E-3
	CC16	1.5502	-5.1973	0.1249	-1.82E-3	-1.94E-3	6.30E-3
128	CC1	0.2864	1.7602	-0.6345	-2.52E-4	-2.17E-3	-2.44E-3
	CC2	0.4834	1.2559	-0.6157	-4.56E-4	-2.26E-3	-1.55E-3

	CC3	1.0656	-1.1304	-0.4033	-1.47E-3	-2.50E-3	8.63E-4
	CC4	1.2626	-1.6346	-0.3845	-1.67E-3	-2.59E-3	1.75E-3
	CC5	-1.2042	1.6955	-0.3906	2.18E-3	-3.62E-4	-1.75E-3
	CC6	-1.0072	1.1913	-0.3718	1.98E-3	-4.53E-4	-8.63E-4
	CC7	-0.4249	-1.1950	-0.1594	9.66E-4	-6.90E-4	1.55E-3
	CC8	-0.2280	-1.6993	-0.1406	7.62E-4	-7.81E-4	2.44E-3
	CC9	-1.2024	5.2582	-0.8244	2.08E-3	-1.13E-3	-6.30E-3
	CC10	-0.8894	4.4572	-0.7946	1.76E-3	-1.27E-3	-4.89E-3
	CC11	-1.6495	5.2388	-0.7512	2.81E-3	-5.85E-4	-6.10E-3
	CC12	-1.3366	4.4378	-0.7214	2.49E-3	-7.29E-4	-4.69E-3
	CC13	1.3950	-4.3769	-0.0537	-1.98E-3	-2.22E-3	4.69E-3
	CC14	1.7079	-5.1779	-0.0239	-2.30E-3	-2.37E-3	6.10E-3
	CC15	0.9479	-4.3963	0.0195	-1.25E-3	-1.68E-3	4.89E-3
	CC16	1.2608	-5.1973	0.0493	-1.57E-3	-1.82E-3	6.30E-3
129	CC1	0.3902	1.7602	-0.6459	-2.63E-4	-2.11E-3	-2.44E-3
	CC2	0.5473	1.2559	-0.6354	-4.29E-4	-2.19E-3	-1.55E-3
	CC3	1.0211	-1.1304	-0.4665	-1.36E-3	-2.41E-3	8.63E-4
	CC4	1.1781	-1.6346	-0.4559	-1.53E-3	-2.49E-3	1.75E-3
	CC5	-1.1311	1.6955	-0.2944	2.09E-3	-3.65E-4	-1.75E-3
	CC6	-0.9741	1.1913	-0.2838	1.93E-3	-4.44E-4	-8.63E-4
	CC7	-0.5003	-1.1950	-0.1149	9.96E-4	-6.62E-4	1.55E-3
	CC8	-0.3432	-1.6993	-0.1044	8.30E-4	-7.41E-4	2.44E-3
	CC9	-0.9244	5.2582	-0.7353	1.89E-3	-1.13E-3	-6.30E-3
	CC10	-0.6749	4.4572	-0.7186	1.63E-3	-1.26E-3	-4.89E-3
	CC11	-1.3808	5.2388	-0.6298	2.60E-3	-6.06E-4	-6.10E-3
	CC12	-1.1313	4.4378	-0.6131	2.33E-3	-7.33E-4	-4.69E-3
	CC13	1.1783	-4.3769	-0.1372	-1.77E-3	-2.12E-3	4.69E-3
	CC14	1.4278	-5.1779	-0.1204	-2.03E-3	-2.25E-3	6.10E-3
	CC15	0.7219	-4.3963	-0.0317	-1.06E-3	-1.60E-3	4.89E-3
	CC16	0.9714	-5.1973	-0.0150	-1.32E-3	-1.72E-3	6.30E-3
130	CC1	0.4941	1.7602	-0.6543	-1.27E-4	-2.01E-3	-2.44E-3
	CC2	0.6112	1.2559	-0.6505	-2.62E-4	-2.08E-3	-1.55E-3
	CC3	0.9765	-1.1304	-0.5235	-1.20E-3	-2.31E-3	8.63E-4
	CC4	1.0937	-1.6346	-0.5197	-1.33E-3	-2.38E-3	1.75E-3
	CC5	-1.0581	1.6955	-0.2024	1.99E-3	-3.49E-4	-1.75E-3
	CC6	-0.9410	1.1913	-0.1986	1.85E-3	-4.23E-4	-8.63E-4
	CC7	-0.5757	-1.1950	-0.0716	9.16E-4	-6.49E-4	1.55E-3
	CC8	-0.4585	-1.6993	-0.0678	7.82E-4	-7.23E-4	2.44E-3
	CC9	-0.6465	5.2582	-0.6499	1.90E-3	-1.06E-3	-6.30E-3
	CC10	-0.4604	4.4572	-0.6438	1.69E-3	-1.17E-3	-4.89E-3
	CC11	-1.1121	5.2388	-0.5143	2.54E-3	-5.58E-4	-6.10E-3
	CC12	-0.9260	4.4378	-0.5082	2.32E-3	-6.76E-4	-4.69E-3
	CC13	0.9616	-4.3769	-0.2138	-1.67E-3	-2.06E-3	4.69E-3
	CC14	1.1477	-5.1779	-0.2077	-1.88E-3	-2.17E-3	6.10E-3
	CC15	0.4959	-4.3963	-0.0783	-1.04E-3	-1.56E-3	4.89E-3
	CC16	0.6820	-5.1973	-0.0722	-1.25E-3	-1.68E-3	6.30E-3
131	CC1	0.5980	1.7602	-0.6524	1.96E-4	-1.91E-3	-2.44E-3
	CC2	0.6752	1.2559	-0.6543	7.21E-5	-1.98E-3	-1.55E-3
	CC3	0.9320	-1.1304	-0.5726	-1.01E-3	-2.22E-3	8.63E-4
	CC4	1.0092	-1.6346	-0.5745	-1.13E-3	-2.30E-3	1.75E-3
	CC5	-0.9850	1.6955	-0.1148	1.90E-3	-3.16E-4	-1.75E-3
	CC6	-0.9078	1.1913	-0.1168	1.77E-3	-3.89E-4	-8.63E-4
	CC7	-0.6510	-1.1950	-0.0350	6.95E-4	-6.29E-4	1.55E-3
	CC8	-0.5738	-1.6992	-0.0369	5.71E-4	-7.02E-4	2.44E-3
	CC9	-0.3685	5.2582	-0.5568	2.23E-3	-9.65E-4	-6.30E-3
	CC10	-0.2458	4.4572	-0.5599	2.03E-3	-1.08E-3	-4.89E-3
	CC11	-0.8434	5.2388	-0.3956	2.74E-3	-4.87E-4	-6.10E-3
	CC12	-0.7207	4.4378	-0.3986	2.54E-3	-6.03E-4	-4.69E-3
	CC13	0.7449	-4.3769	-0.2907	-1.78E-3	-2.01E-3	4.69E-3
	CC14	0.8675	-5.1779	-0.2937	-1.97E-3	-2.13E-3	6.10E-3
	CC15	0.2700	-4.3963	-0.1294	-1.27E-3	-1.53E-3	4.89E-3
	CC16	0.3926	-5.1973	-0.1325	-1.46E-3	-1.65E-3	6.30E-3
132	CC1	0.7019	1.7602	-0.6320	7.08E-4	-1.84E-3	-2.44E-3
	CC2	0.7391	1.2559	-0.6398	5.68E-4	-1.91E-3	-1.55E-3
	CC3	0.8875	-1.1304	-0.6130	-8.11E-4	-2.16E-3	8.63E-4
	CC4	0.9248	-1.6346	-0.6208	-9.51E-4	-2.24E-3	1.75E-3
	CC5	-0.9120	1.6955	-0.0305	1.84E-3	-2.66E-4	-1.75E-3
	CC6	-0.8747	1.1913	-0.0383	1.70E-3	-3.40E-4	-8.63E-4
	CC7	-0.7264	-1.1950	-0.0115	3.19E-4	-5.87E-4	1.55E-3
	CC8	-0.6891	-1.6992	-0.0193	1.78E-4	-6.61E-4	2.44E-3
	CC9	-0.0905	5.2582	-0.4413	2.92E-3	-8.93E-4	-6.30E-3
	CC10	-0.0313	4.4572	-0.4537	2.69E-3	-1.01E-3	-4.89E-3
	CC11	-0.5747	5.2388	-0.2608	3.26E-3	-4.21E-4	-6.10E-3

	CC12	-0.5155	4.4378	-0.2733	3.03E-3	-5.38E-4	-4.69E-3
	CC13	0.5282	-4.3769	-0.3780	-2.15E-3	-1.96E-3	4.69E-3
	CC14	0.5874	-5.1779	-0.3905	-2.37E-3	-2.08E-3	6.10E-3
	CC15	0.0441	-4.3963	-0.1976	-1.81E-3	-1.49E-3	4.89E-3
	CC16	0.1033	-5.1973	-0.2100	-2.03E-3	-1.61E-3	6.30E-3
133	CC1	0.8057	1.7602	-0.5875	1.26E-3	-1.89E-3	-2.44E-3
	CC2	0.8031	1.2559	-0.6026	1.08E-3	-1.96E-3	-1.55E-3
	CC3	0.8430	-1.1304	-0.6463	-6.86E-4	-2.15E-3	8.63E-4
	CC4	0.8403	-1.6346	-0.6615	-8.70E-4	-2.22E-3	1.75E-3
	CC5	-0.8389	1.6955	0.0526	1.84E-3	-2.29E-4	-1.75E-3
	CC6	-0.8416	1.1913	0.0374	1.66E-3	-2.98E-4	-8.63E-4
	CC7	-0.8017	-1.1950	-0.0063	-1.03E-4	-4.96E-4	1.55E-3
	CC8	-0.8044	-1.6993	-0.0214	-2.88E-4	-5.65E-4	2.44E-3
	CC9	0.1875	5.2582	-0.2904	3.79E-3	-9.75E-4	-6.30E-3
	CC10	0.1832	4.4572	-0.3144	3.50E-3	-1.09E-3	-4.89E-3
	CC11	-0.3060	5.2388	-0.0983	3.97E-3	-4.78E-4	-6.10E-3
	CC12	-0.3102	4.4378	-0.1223	3.67E-3	-5.88E-4	-4.69E-3
	CC13	0.3115	-4.3769	-0.4866	-2.70E-3	-1.86E-3	4.69E-3
	CC14	0.3073	-5.1779	-0.5106	-2.99E-3	-1.97E-3	6.10E-3
	CC15	-0.1819	-4.3963	-0.2945	-2.52E-3	-1.37E-3	4.89E-3
	CC16	-0.1861	-5.1973	-0.3186	-2.82E-3	-1.48E-3	6.30E-3
134	CC1	0.9096	1.7601	-0.5209	1.70E-3	-1.98E-3	-2.44E-3
	CC2	0.8670	1.2559	-0.5454	1.47E-3	-2.04E-3	-1.55E-3
	CC3	0.7984	-1.1304	-0.6759	-6.35E-4	-2.15E-3	8.63E-4
	CC4	0.7558	-1.6346	-0.7003	-8.66E-4	-2.21E-3	1.75E-3
	CC5	-0.7659	1.6955	0.1364	1.88E-3	-2.04E-4	-1.75E-3
	CC6	-0.8085	1.1913	0.1119	1.65E-3	-2.63E-4	-8.63E-4
	CC7	-0.8771	-1.1950	-0.0185	-4.58E-4	-3.75E-4	1.55E-3
	CC8	-0.9197	-1.6993	-0.0430	-6.90E-4	-4.34E-4	2.44E-3
	CC9	0.4654	5.2582	-0.1030	4.56E-3	-1.14E-3	-6.30E-3
	CC10	0.3978	4.4572	-0.1418	4.19E-3	-1.23E-3	-4.89E-3
	CC11	-0.0373	5.2388	0.0942	4.61E-3	-6.08E-4	-6.10E-3
	CC12	-0.1049	4.4378	0.0554	4.24E-3	-7.01E-4	-4.69E-3
	CC13	0.0948	-4.3769	-0.6193	-3.23E-3	-1.71E-3	4.69E-3
	CC14	0.0272	-5.1779	-0.6581	-3.60E-3	-1.80E-3	6.10E-3
	CC15	-0.4079	-4.3963	-0.4222	-3.18E-3	-1.18E-3	4.89E-3
	CC16	-0.4755	-5.1973	-0.4609	-3.54E-3	-1.27E-3	6.30E-3
135	CC1	1.0134	1.6534	-0.3440	1.97E-3	-2.12E-3	-2.44E-3
	CC2	0.9309	1.1902	-0.3773	1.70E-3	-2.16E-3	-1.55E-3
	CC3	0.7539	-1.0846	-0.6054	-6.41E-4	-2.13E-3	8.63E-4
	CC4	0.6713	-1.5478	-0.6387	-9.09E-4	-2.16E-3	1.75E-3
	CC5	-0.6929	1.6205	0.2306	1.92E-3	-1.93E-4	-1.75E-3
	CC6	-0.7754	1.1572	0.1973	1.65E-3	-2.30E-4	-8.63E-4
	CC7	-0.9525	-1.1176	-0.0308	-6.91E-4	-1.98E-4	1.55E-3
	CC8	-1.0350	-1.5808	-0.0642	-9.59E-4	-2.35E-4	2.44E-3
	CC9	0.7433	4.9725	0.1719	5.07E-3	-1.43E-3	-6.30E-3
	CC10	0.6123	4.2367	0.1190	4.64E-3	-1.49E-3	-4.89E-3
	CC11	0.2314	4.9626	0.3443	5.05E-3	-8.50E-4	-6.10E-3
	CC12	0.1004	4.2268	0.2914	4.63E-3	-9.09E-4	-4.69E-3
	CC13	-0.1219	-4.1542	-0.6995	-3.62E-3	-1.45E-3	4.69E-3
	CC14	-0.2530	-4.8900	-0.7524	-4.05E-3	-1.50E-3	6.10E-3
	CC15	-0.6338	-4.1641	-0.5271	-3.64E-3	-8.68E-4	4.89E-3
	CC16	-0.7649	-4.8999	-0.5801	-4.06E-3	-9.26E-4	6.30E-3
136	CC1	1.0134	1.5467	-0.2409	2.26E-3	-2.22E-3	-2.44E-3
	CC2	0.9309	1.1245	-0.2737	1.94E-3	-2.23E-3	-1.55E-3
	CC3	0.7538	-1.0388	-0.5099	-6.87E-4	-2.01E-3	8.63E-4
	CC4	0.6713	-1.4610	-0.5426	-1.01E-3	-2.01E-3	1.75E-3
	CC5	-0.6929	1.5454	0.2387	1.99E-3	-1.22E-4	-1.75E-3
	CC6	-0.7755	1.1232	0.2059	1.67E-3	-1.27E-4	-8.63E-4
	CC7	-0.9525	-1.0401	-0.0303	-9.57E-4	9.17E-5	1.55E-3
	CC8	-1.0350	-1.4623	-0.0630	-1.28E-3	8.70E-5	2.44E-3
	CC9	0.7433	4.6869	0.2504	5.70E-3	-1.74E-3	-6.30E-3
	CC10	0.6122	4.0162	0.1983	5.20E-3	-1.74E-3	-4.89E-3
	CC11	0.2314	4.6865	0.3942	5.62E-3	-1.10E-3	-6.10E-3
	CC12	0.1003	4.0159	0.3422	5.12E-3	-1.11E-3	-4.69E-3
	CC13	-0.1220	-3.9315	-0.6462	-4.13E-3	-1.02E-3	4.69E-3
	CC14	-0.2530	-4.6021	-0.6982	-4.63E-3	-1.03E-3	6.10E-3
	CC15	-0.6339	-3.9319	-0.5023	-4.21E-3	-3.93E-4	4.89E-3
	CC16	-0.7649	-4.6025	-0.5543	-4.72E-3	-4.01E-4	6.30E-3
137	CC1	1.0133	1.4400	-0.1336	2.82E-3	-2.24E-3	-2.44E-3
	CC2	0.9308	1.0588	-0.1686	2.37E-3	-2.17E-3	-1.55E-3
	CC3	0.7537	-0.9930	-0.4271	-9.06E-4	-1.61E-3	8.63E-4
	CC4	0.6712	-1.3741	-0.4621	-1.35E-3	-1.54E-3	1.75E-3

	CC5	-0.6930	1.4704	0.2442	2.28E-3	-3.73E-5	-1.75E-3
	CC6	-0.7755	1.0893	0.2092	1.84E-3	3.09E-5	-8.63E-4
	CC7	-0.9526	-0.9626	-0.0493	-1.44E-3	5.92E-4	1.55E-3
	CC8	-1.0351	-1.3437	-0.0843	-1.88E-3	6.60E-4	2.44E-3
	CC9	0.7432	4.4012	0.3513	7.11E-3	-2.22E-3	-6.30E-3
	CC10	0.6122	3.7958	0.2957	6.40E-3	-2.11E-3	-4.89E-3
	CC11	0.2313	4.4104	0.4647	6.95E-3	-1.56E-3	-6.10E-3
	CC12	0.1003	3.8049	0.4091	6.24E-3	-1.45E-3	-4.69E-3
	CC13	-0.1220	-3.7087	-0.6269	-5.31E-3	-1.26E-4	4.69E-3
	CC14	-0.2531	-4.3141	-0.6826	-6.01E-3	-1.72E-5	6.10E-3
	CC15	-0.6339	-3.6996	-0.5136	-5.47E-3	5.35E-4	4.89E-3
	CC16	-0.7650	-4.3050	-0.5692	-6.17E-3	6.44E-4	6.30E-3
138	CC1	0.2697	0.2735	-0.3006	0.00E+0	-1.44E-3	-4.49E-4
	CC2	0.2839	0.2134	-0.2970	0.00E+0	-1.51E-3	-3.17E-4
	CC3	0.3002	-0.1558	-0.2436	0.00E+0	-1.62E-3	-2.52E-5
	CC4	0.3144	-0.2159	-0.2400	0.00E+0	-1.69E-3	1.07E-4
	CC5	-0.3223	0.2244	0.1284	0.00E+0	2.04E-3	-9.76E-5
	CC6	-0.3080	0.1643	0.1320	0.00E+0	1.97E-3	3.44E-5
	CC7	-0.2918	-0.2049	0.1853	0.00E+0	1.86E-3	3.26E-4
	CC8	-0.2776	-0.2650	0.1890	0.00E+0	1.79E-3	4.58E-4
	CC9	0.0228	0.7749	-0.2180	0.00E+0	7.14E-6	-8.59E-4
	CC10	0.0454	0.6793	-0.2123	0.00E+0	-1.04E-4	-6.50E-4
	CC11	-0.1548	0.7601	-0.0893	0.00E+0	1.05E-3	-7.54E-4
	CC12	-0.1322	0.6646	-0.0836	0.00E+0	9.42E-4	-5.44E-4
	CC13	0.1243	-0.6561	-0.0281	0.00E+0	-5.93E-4	5.54E-4
	CC14	0.1469	-0.7516	-0.0223	0.00E+0	-7.04E-4	7.63E-4
	CC15	-0.0533	-0.6708	0.1006	0.00E+0	4.52E-4	6.59E-4
	CC16	-0.0307	-0.7664	0.1064	0.00E+0	3.41E-4	8.69E-4
139	CC1	0.2837	0.2737	-0.2538	0.00E+0	-1.50E-3	-4.12E-4
	CC2	0.2936	0.2135	-0.2595	0.00E+0	-1.55E-3	-2.83E-4
	CC3	0.3002	-0.1557	-0.2451	0.00E+0	-1.68E-3	-3.26E-6
	CC4	0.3101	-0.2158	-0.2509	0.00E+0	-1.73E-3	1.25E-4
	CC5	-0.3187	0.2243	0.1459	0.00E+0	2.06E-3	-9.86E-5
	CC6	-0.3088	0.1642	0.1401	0.00E+0	2.01E-3	3.00E-5
	CC7	-0.3022	-0.2050	0.1545	0.00E+0	1.88E-3	3.10E-4
	CC8	-0.2923	-0.2651	0.1487	0.00E+0	1.83E-3	4.39E-4
	CC9	0.0507	0.7750	-0.1223	0.00E+0	-2.73E-5	-8.17E-4
	CC10	0.0665	0.6794	-0.1314	0.00E+0	-1.04E-4	-6.13E-4
	CC11	-0.1300	0.7602	-0.0024	0.00E+0	1.04E-3	-7.23E-4
	CC12	-0.1143	0.6646	-0.0116	0.00E+0	9.66E-4	-5.19E-4
	CC13	0.1057	-0.6561	-0.0935	0.00E+0	-6.36E-4	5.46E-4
	CC14	0.1214	-0.7517	-0.1027	0.00E+0	-7.12E-4	7.50E-4
	CC15	-0.0750	-0.6709	0.0264	0.00E+0	4.33E-4	6.40E-4
	CC16	-0.0593	-0.7665	0.0172	0.00E+0	3.57E-4	8.44E-4
140	CC1	0.3329	0.2782	-0.2020	8.99E-4	-2.37E-7	-4.88E-4
	CC2	0.3456	0.2214	-0.1983	6.84E-4	-1.09E-4	-3.41E-4
	CC3	0.3594	-0.1656	-0.1516	-6.38E-4	-4.30E-4	-7.24E-5
	CC4	0.3721	-0.2223	-0.1478	-8.53E-4	-5.38E-4	7.47E-5
	CC5	-0.3917	0.2366	-0.0028	1.09E-3	1.08E-3	-7.47E-5
	CC6	-0.3790	0.1799	0.0010	8.79E-4	9.74E-4	7.24E-5
	CC7	-0.3652	-0.2071	0.0477	-4.44E-4	6.54E-4	3.41E-4
	CC8	-0.3525	-0.2638	0.0515	-6.58E-4	5.45E-4	4.88E-4
	CC9	0.0447	0.7979	-0.1923	2.82E-3	9.12E-4	-8.71E-4
	CC10	0.0649	0.7079	-0.1863	2.48E-3	7.39E-4	-6.37E-4
	CC11	-0.1727	0.7855	-0.1325	2.88E-3	1.24E-3	-7.47E-4
	CC12	-0.1525	0.6954	-0.1265	2.54E-3	1.06E-3	-5.13E-4
	CC13	0.1329	-0.6811	-0.0240	-2.30E-3	-5.19E-4	5.13E-4
	CC14	0.1531	-0.7712	-0.0180	-2.64E-3	-6.92E-4	7.47E-4
	CC15	-0.0845	-0.6935	0.0358	-2.24E-3	-1.94E-4	6.37E-4
	CC16	-0.0643	-0.7836	0.0418	-2.58E-3	-3.67E-4	8.71E-4
141	CC1	0.3112	0.2782	-0.2434	9.66E-4	-4.78E-4	-4.88E-4
	CC2	0.3303	0.2215	-0.2301	7.51E-4	-5.14E-4	-3.41E-4
	CC3	0.3558	-0.1655	-0.1253	-5.95E-4	-1.01E-3	-7.24E-5
	CC4	0.3749	-0.2222	-0.1119	-8.10E-4	-1.04E-3	7.47E-5
	CC5	-0.3953	0.2366	-0.0490	1.04E-3	1.60E-3	-7.47E-5
	CC6	-0.3762	0.1799	-0.0357	8.23E-4	1.57E-3	7.24E-5
	CC7	-0.3507	-0.2071	0.0691	-5.22E-4	1.08E-3	3.41E-4
	CC8	-0.3316	-0.2638	0.0824	-7.37E-4	1.04E-3	4.88E-4
	CC9	0.0062	0.7980	-0.3171	2.87E-3	8.77E-4	-8.71E-4
	CC10	0.0366	0.7079	-0.2959	2.53E-3	8.19E-4	-6.37E-4
	CC11	-0.2058	0.7855	-0.2588	2.90E-3	1.50E-3	-7.47E-4
	CC12	-0.1754	0.6954	-0.2376	2.56E-3	1.44E-3	-5.13E-4
	CC13	0.1550	-0.6810	0.0767	-2.33E-3	-8.81E-4	5.13E-4

	CC14	0.1854	-0.7711	0.0978	-2.67E-3	-9.39E-4	7.47E-4
	CC15	-0.0570	-0.6935	0.1350	-2.30E-3	-2.57E-4	6.37E-4
	CC16	-0.0266	-0.7836	0.1561	-2.65E-3	-3.14E-4	8.71E-4
142	CC1	0.3082	0.2550	-0.2196	6.77E-4	-8.03E-4	-4.88E-4
	CC2	0.3283	0.2051	-0.2031	5.18E-4	-8.53E-4	-3.41E-4
	CC3	0.3555	-0.1694	-0.0693	-9.66E-4	-1.22E-3	-7.24E-5
	CC4	0.3755	-0.2194	-0.0528	-1.12E-3	-1.27E-3	7.47E-5
	CC5	-0.3957	0.2326	-0.1344	1.37E-3	1.77E-3	-7.47E-5
	CC6	-0.3757	0.1827	-0.1179	1.21E-3	1.72E-3	7.24E-5
	CC7	-0.3485	-0.1919	0.0159	-2.76E-4	1.35E-3	3.41E-4
	CC8	-0.3284	-0.2418	0.0324	-4.36E-4	1.30E-3	4.88E-4
	CC9	0.0009	0.7571	-0.3700	2.88E-3	5.99E-4	-8.71E-4
	CC10	0.0327	0.6778	-0.3439	2.63E-3	5.21E-4	-6.37E-4
	CC11	-0.2103	0.7504	-0.3444	3.09E-3	1.37E-3	-7.47E-4
	CC12	-0.1785	0.6711	-0.3183	2.83E-3	1.29E-3	-5.13E-4
	CC13	0.1583	-0.6579	0.1311	-2.59E-3	-7.95E-4	5.13E-4
	CC14	0.1901	-0.7372	0.1572	-2.85E-3	-8.73E-4	7.47E-4
	CC15	-0.0529	-0.6646	0.1567	-2.39E-3	-2.35E-5	6.37E-4
	CC16	-0.0211	-0.7439	0.1828	-2.64E-3	-1.02E-4	8.71E-4
143	CC1	0.3192	0.1862	-0.0507	8.01E-4	-8.28E-4	-4.88E-4
	CC2	0.3361	0.1563	-0.0250	6.12E-4	-9.08E-4	-3.41E-4
	CC3	0.3575	-0.1817	0.1062	-7.13E-4	-1.08E-3	-7.24E-5
	CC4	0.3744	-0.2116	0.1318	-9.02E-4	-1.16E-3	7.47E-5
	CC5	-0.3936	0.2200	-0.4696	1.05E-3	3.41E-3	-7.47E-5
	CC6	-0.3767	0.1901	-0.4439	8.59E-4	3.33E-3	7.24E-5
	CC7	-0.3553	-0.1479	-0.3127	-4.66E-4	3.15E-3	3.41E-4
	CC8	-0.3384	-0.1778	-0.2871	-6.55E-4	3.07E-3	4.88E-4
	CC9	0.0200	0.6360	-0.3879	2.71E-3	9.78E-4	-8.71E-4
	CC10	0.0469	0.5886	-0.3471	2.41E-3	8.51E-4	-6.37E-4
	CC11	-0.1938	0.6462	-0.5135	2.78E-3	2.25E-3	-7.47E-4
	CC12	-0.1670	0.5987	-0.4728	2.48E-3	2.12E-3	-5.13E-4
	CC13	0.1477	-0.5903	0.1350	-2.34E-3	1.23E-4	5.13E-4
	CC14	0.1746	-0.6378	0.1757	-2.64E-3	-4.41E-6	7.47E-4
	CC15	-0.0661	-0.5802	0.0093	-2.26E-3	1.39E-3	6.37E-4
	CC16	-0.0393	-0.6276	0.0501	-2.56E-3	1.27E-3	8.71E-4
144	CC1	0.3322	0.2550	-0.1920	5.43E-4	-4.98E-4	-4.88E-4
	CC2	0.3452	0.2051	-0.1828	3.86E-4	-6.10E-4	-3.41E-4
	CC3	0.3596	-0.1695	-0.1189	-1.03E-3	-9.00E-4	-7.24E-5
	CC4	0.3726	-0.2194	-0.1097	-1.19E-3	-1.01E-3	7.47E-5
	CC5	-0.3915	0.2325	-0.0665	1.41E-3	1.56E-3	-7.47E-5
	CC6	-0.3785	0.1826	-0.0573	1.26E-3	1.45E-3	7.24E-5
	CC7	-0.3642	-0.1920	0.0066	-1.60E-4	1.16E-3	3.41E-4
	CC8	-0.3512	-0.2419	0.0158	-3.18E-4	1.04E-3	4.88E-4
	CC9	0.0432	0.7570	-0.2360	2.73E-3	7.23E-4	-8.71E-4
	CC10	0.0639	0.6778	-0.2215	2.48E-3	5.46E-4	-6.37E-4
	CC11	-0.1739	0.7503	-0.1984	2.99E-3	1.34E-3	-7.47E-4
	CC12	-0.1532	0.6710	-0.1839	2.74E-3	1.16E-3	-5.13E-4
	CC13	0.1343	-0.6579	0.0077	-2.51E-3	-6.16E-4	5.13E-4
	CC14	0.1550	-0.7372	0.0222	-2.76E-3	-7.94E-4	7.47E-4
	CC15	-0.0828	-0.6647	0.0453	-2.25E-3	3.92E-7	6.37E-4
	CC16	-0.0622	-0.7440	0.0598	-2.50E-3	-1.77E-4	8.71E-4
145	CC1	0.2937	0.2550	-0.2387	7.20E-4	-9.85E-4	-4.88E-4
	CC2	0.3180	0.2051	-0.2176	5.49E-4	-1.03E-3	-3.41E-4
	CC3	0.3529	-0.1695	-0.0405	-9.23E-4	-1.42E-3	-7.24E-5
	CC4	0.3772	-0.2194	-0.0194	-1.09E-3	-1.47E-3	7.47E-5
	CC5	-0.3983	0.2326	-0.1751	1.35E-3	2.01E-3	-7.47E-5
	CC6	-0.3740	0.1826	-0.1541	1.17E-3	1.97E-3	7.24E-5
	CC7	-0.3392	-0.1919	0.0231	-2.97E-4	1.57E-3	3.41E-4
	CC8	-0.3149	-0.2419	0.0442	-4.69E-4	1.53E-3	4.88E-4
	CC9	-0.0246	0.7571	-0.4539	2.91E-3	5.87E-4	-8.71E-4
	CC10	0.0139	0.6778	-0.4204	2.63E-3	5.20E-4	-6.37E-4
	CC11	-0.2323	0.7504	-0.4349	3.09E-3	1.48E-3	-7.47E-4
	CC12	-0.1937	0.6711	-0.4014	2.82E-3	1.42E-3	-5.13E-4
	CC13	0.1726	-0.6579	0.2068	-2.57E-3	-8.77E-4	5.13E-4
	CC14	0.2111	-0.7372	0.2403	-2.84E-3	-9.44E-4	7.47E-4
	CC15	-0.0351	-0.6646	0.2259	-2.38E-3	2.07E-5	6.37E-4
	CC16	0.0035	-0.7439	0.2594	-2.65E-3	-4.64E-5	8.71E-4
146	CC1	0.3231	0.1408	0.0118	8.00E-4	-4.33E-4	-4.88E-4
	CC2	0.3389	0.1241	0.0440	6.10E-4	-5.29E-4	-3.41E-4
	CC3	0.3582	-0.1898	0.1815	-7.15E-4	-7.19E-4	-7.24E-5
	CC4	0.3739	-0.2064	0.2137	-9.04E-4	-8.16E-4	7.47E-5
	CC5	-0.3929	0.2117	-0.7850	1.03E-3	3.77E-3	-7.47E-5
	CC6	-0.3771	0.1951	-0.7528	8.43E-4	3.68E-3	7.24E-5

	CC7	-0.3578	-0.1188	-0.6153	-4.82E-4	3.49E-3	3.41E-4
	CC8	-0.3421	-0.1354	-0.5831	-6.71E-4	3.39E-3	4.88E-4
	CC9	0.0269	0.5561	-0.4745	2.70E-3	1.40E-3	-8.71E-4
	CC10	0.0520	0.5297	-0.4234	2.40E-3	1.25E-3	-6.37E-4
	CC11	-0.1879	0.5774	-0.7136	2.77E-3	2.66E-3	-7.47E-4
	CC12	-0.1628	0.5510	-0.6624	2.47E-3	2.51E-3	-5.13E-4
	CC13	0.1439	-0.5456	0.0911	-2.34E-3	4.47E-4	5.13E-4
	CC14	0.1689	-0.5721	0.1423	-2.65E-3	2.94E-4	7.47E-4
	CC15	-0.0709	-0.5244	-0.1479	-2.27E-3	1.71E-3	6.37E-4
	CC16	-0.0459	-0.5508	-0.0968	-2.58E-3	1.56E-3	8.71E-4
147	CC1	0.3488	0.3466	-0.2796	1.18E-3	-1.52E-3	-1.07E-3
	CC2	0.3688	0.2730	-0.2710	9.21E-4	-1.62E-3	-8.35E-4
	CC3	0.3946	-0.1563	-0.2030	2.70E-4	-1.70E-3	-2.45E-4
	CC4	0.4147	-0.2298	-0.1944	1.22E-5	-1.80E-3	-1.11E-5
	CC5	-0.4468	0.2501	0.0684	1.10E-4	2.34E-3	-9.95E-5
	CC6	-0.4267	0.1765	0.0770	-1.48E-4	2.24E-3	1.34E-4
	CC7	-0.4009	-0.2528	0.1450	-7.99E-4	2.16E-3	7.25E-4
	CC8	-0.3809	-0.3263	0.1536	-1.06E-3	2.06E-3	9.58E-4
	CC9	0.0109	0.9211	-0.2497	1.94E-3	7.55E-5	-1.76E-3
	CC10	0.0428	0.8043	-0.2360	1.53E-3	-8.30E-5	-1.39E-3
	CC11	-0.2277	0.8921	-0.1453	1.62E-3	1.23E-3	-1.47E-3
	CC12	-0.1959	0.7753	-0.1316	1.21E-3	1.07E-3	-1.10E-3
	CC13	0.1638	-0.7551	0.0056	-1.09E-3	-5.30E-4	9.87E-4
	CC14	0.1956	-0.8719	0.0192	-1.50E-3	-6.89E-4	1.36E-3
	CC15	-0.0749	-0.7841	0.1100	-1.41E-3	6.27E-4	1.28E-3
	CC16	-0.0431	-0.9009	0.1237	-1.82E-3	4.68E-4	1.65E-3
148	CC1	0.3830	0.3690	-0.2438	1.39E-3	-1.34E-3	-1.26E-3
	CC2	0.4053	0.2923	-0.2327	1.10E-3	-1.44E-3	-9.98E-4
	CC3	0.4337	-0.1543	-0.1616	6.00E-4	-1.60E-3	-5.44E-4
	CC4	0.4560	-0.2310	-0.1506	3.12E-4	-1.70E-3	-2.83E-4
	CC5	-0.5009	0.2560	0.0104	-1.83E-4	2.27E-3	1.66E-4
	CC6	-0.4786	0.1794	0.0214	-4.71E-4	2.17E-3	4.27E-4
	CC7	-0.4503	-0.2673	0.0926	-9.72E-4	2.01E-3	8.81E-4
	CC8	-0.4279	-0.3440	0.1036	-1.26E-3	1.91E-3	1.14E-3
	CC9	0.0079	0.9625	-0.2539	1.84E-3	2.55E-4	-1.67E-3
	CC10	0.0434	0.8407	-0.2364	1.39E-3	1.00E-4	-1.26E-3
	CC11	-0.2573	0.9287	-0.1777	1.37E-3	1.34E-3	-1.24E-3
	CC12	-0.2218	0.8069	-0.1602	9.14E-4	1.18E-3	-8.29E-4
	CC13	0.1769	-0.7818	0.0200	-7.85E-4	-6.09E-4	7.12E-4
	CC14	0.2123	-0.9037	0.0376	-1.24E-3	-7.64E-4	1.13E-3
	CC15	-0.0883	-0.8157	0.0963	-1.26E-3	4.74E-4	1.14E-3
	CC16	-0.0528	-0.9375	0.1138	-1.72E-3	3.19E-4	1.56E-3
149	CC1	0.4181	0.3686	-0.1723	1.40E-3	-1.69E-3	-1.27E-3
	CC2	0.4320	0.2919	-0.1750	1.11E-3	-1.74E-3	-1.01E-3
	CC3	0.4604	-0.1548	-0.1394	6.14E-4	-2.17E-3	-5.56E-4
	CC4	0.4744	-0.2314	-0.1421	3.24E-4	-2.22E-3	-2.94E-4
	CC5	-0.5186	0.2564	0.0109	-1.92E-4	2.78E-3	1.74E-4
	CC6	-0.5047	0.1798	0.0082	-4.82E-4	2.73E-3	4.37E-4
	CC7	-0.4763	-0.2669	0.0437	-9.82E-4	2.30E-3	8.91E-4
	CC8	-0.4623	-0.3436	0.0410	-1.27E-3	2.26E-3	1.15E-3
	CC9	0.0367	0.9625	-0.1457	1.85E-3	4.45E-4	-1.68E-3
	CC10	0.0588	0.8407	-0.1500	1.39E-3	3.72E-4	-1.26E-3
	CC11	-0.2443	0.9288	-0.0908	1.37E-3	1.79E-3	-1.25E-3
	CC12	-0.2222	0.8071	-0.0951	9.14E-4	1.71E-3	-8.29E-4
	CC13	0.1779	-0.7820	-0.0362	-7.82E-4	-1.15E-3	7.09E-4
	CC14	0.2001	-0.9038	-0.0405	-1.24E-3	-1.22E-3	1.13E-3
	CC15	-0.1031	-0.8157	0.0188	-1.26E-3	1.91E-4	1.14E-3
	CC16	-0.0809	-0.9375	0.0145	-1.72E-3	1.17E-4	1.56E-3
150	CC1	0.3745	0.3463	-0.2171	1.21E-3	-1.93E-3	-1.10E-3
	CC2	0.3876	0.2728	-0.2208	9.51E-4	-1.96E-3	-8.62E-4
	CC3	0.4068	-0.1566	-0.1953	2.96E-4	-2.33E-3	-2.68E-4
	CC4	0.4199	-0.2301	-0.1991	3.70E-5	-2.37E-3	-3.36E-5
	CC5	-0.4515	0.2503	0.0816	8.64E-5	2.90E-3	-7.83E-5
	CC6	-0.4384	0.1768	0.0778	-1.72E-4	2.86E-3	1.56E-4
	CC7	-0.4192	-0.2526	0.1034	-8.27E-4	2.49E-3	7.50E-4
	CC8	-0.4061	-0.3261	0.0996	-1.09E-3	2.45E-3	9.85E-4
	CC9	0.0439	0.9210	-0.1368	1.96E-3	2.49E-4	-1.78E-3
	CC10	0.0647	0.8042	-0.1428	1.55E-3	1.94E-4	-1.40E-3
	CC11	-0.2040	0.8922	-0.0472	1.62E-3	1.70E-3	-1.47E-3
	CC12	-0.1831	0.7754	-0.0532	1.21E-3	1.64E-3	-1.10E-3
	CC13	0.1515	-0.7552	-0.0642	-1.09E-3	-1.11E-3	9.86E-4
	CC14	0.1723	-0.8720	-0.0702	-1.50E-3	-1.17E-3	1.36E-3
	CC15	-0.0963	-0.7840	0.0254	-1.42E-3	3.34E-4	1.29E-3

	CC16	-0.0755	-0.9008	0.0194	-1.83E-3	2.79E-4	1.66E-3
151	CC1	0.4037	0.3540	-0.2037	1.43E-3	-4.84E-4	-9.65E-4
	CC2	0.4292	0.2826	-0.1873	1.16E-3	-5.01E-4	-7.42E-4
	CC3	0.4628	-0.1853	-0.0857	1.02E-4	-1.09E-3	-8.27E-4
	CC4	0.4884	-0.2567	-0.0693	-1.69E-4	-1.11E-3	-6.04E-4
	CC5	-0.5462	0.2859	-0.1043	4.03E-4	1.59E-3	6.04E-4
	CC6	-0.5207	0.2145	-0.0879	1.32E-4	1.57E-3	8.27E-4
	CC7	-0.4871	-0.2534	0.0137	-9.28E-4	9.75E-4	7.42E-4
	CC8	-0.4615	-0.3248	0.0301	-1.20E-3	9.57E-4	9.65E-4
	CC9	-0.0054	0.9803	-0.3113	2.71E-3	9.57E-4	-6.42E-4
	CC10	0.0353	0.8669	-0.2853	2.28E-3	9.29E-4	-2.89E-4
	CC11	-0.2903	0.9599	-0.2815	2.40E-3	1.58E-3	-1.71E-4
	CC12	-0.2497	0.8465	-0.2555	1.97E-3	1.55E-3	1.82E-4
	CC13	0.1919	-0.8173	0.0819	-1.73E-3	-1.08E-3	-1.82E-4
	CC14	0.2325	-0.9307	0.1080	-2.16E-3	-1.10E-3	1.71E-4
	CC15	-0.0931	-0.8377	0.1117	-2.04E-3	-4.56E-4	2.89E-4
	CC16	-0.0525	-0.9511	0.1378	-2.47E-3	-4.84E-4	6.42E-4
152	CC1	0.3980	0.3183	-0.1925	9.32E-4	-5.76E-4	-9.65E-4
	CC2	0.4248	0.2550	-0.1741	7.42E-4	-5.95E-4	-7.42E-4
	CC3	0.4579	-0.2159	-0.0442	-6.01E-4	-1.16E-3	-8.27E-4
	CC4	0.4848	-0.2792	-0.0259	-7.91E-4	-1.18E-3	-6.04E-4
	CC5	-0.5430	0.3077	-0.1665	1.03E-3	1.67E-3	6.04E-4
	CC6	-0.5161	0.2445	-0.1482	8.43E-4	1.65E-3	8.27E-4
	CC7	-0.4830	-0.2265	-0.0182	-4.99E-4	1.09E-3	7.42E-4
	CC8	-0.4562	-0.2897	0.0001	-6.89E-4	1.07E-3	9.65E-4
	CC9	-0.0092	0.9564	-0.3618	2.81E-3	9.04E-4	-6.42E-4
	CC10	0.0335	0.8560	-0.3326	2.51E-3	8.74E-4	-2.89E-4
	CC11	-0.2915	0.9533	-0.3540	2.84E-3	1.58E-3	-1.71E-4
	CC12	-0.2488	0.8528	-0.3248	2.54E-3	1.55E-3	1.82E-4
	CC13	0.1907	-0.8243	0.1325	-2.30E-3	-1.06E-3	-1.82E-4
	CC14	0.2333	-0.9247	0.1616	-2.60E-3	-1.09E-3	1.71E-4
	CC15	-0.0916	-0.8274	0.1403	-2.27E-3	-3.84E-4	2.89E-4
	CC16	-0.0490	-0.9279	0.1694	-2.57E-3	-4.14E-4	6.42E-4
153	CC1	0.4424	0.3183	-0.1513	9.67E-4	8.52E-5	-9.65E-4
	CC2	0.4592	0.2550	-0.1415	7.66E-4	-3.44E-5	-7.42E-4
	CC3	0.4961	-0.2159	-0.0716	-4.91E-4	-2.89E-4	-8.27E-4
	CC4	0.5128	-0.2792	-0.0618	-6.92E-4	-4.08E-4	-6.04E-4
	CC5	-0.5699	0.3077	-0.1195	9.33E-4	8.88E-4	6.04E-4
	CC6	-0.5531	0.2445	-0.1097	7.32E-4	7.68E-4	8.27E-4
	CC7	-0.5162	-0.2265	-0.0398	-5.25E-4	5.14E-4	7.42E-4
	CC8	-0.4995	-0.2897	-0.0300	-7.26E-4	3.94E-4	9.65E-4
	CC9	0.0206	0.9564	-0.2360	2.72E-3	8.38E-4	-6.42E-4
	CC10	0.0472	0.8560	-0.2204	2.40E-3	6.48E-4	-2.89E-4
	CC11	-0.2831	0.9533	-0.2265	2.70E-3	1.08E-3	-1.71E-4
	CC12	-0.2565	0.8528	-0.2109	2.39E-3	8.88E-4	1.82E-4
	CC13	0.1995	-0.8243	0.0296	-2.14E-3	-4.09E-4	-1.82E-4
	CC14	0.2261	-0.9247	0.0452	-2.46E-3	-5.99E-4	1.71E-4
	CC15	-0.1042	-0.8274	0.0392	-2.15E-3	-1.69E-4	2.89E-4
	CC16	-0.0776	-0.9279	0.0547	-2.47E-3	-3.58E-4	6.42E-4
154	CC1	0.4455	0.3540	-0.1404	1.47E-3	2.17E-4	-9.65E-4
	CC2	0.4616	0.2826	-0.1361	1.18E-3	7.90E-5	-7.42E-4
	CC3	0.4988	-0.1853	-0.0785	1.70E-4	-1.35E-4	-8.27E-4
	CC4	0.5148	-0.2567	-0.0741	-1.14E-4	-2.73E-4	-6.04E-4
	CC5	-0.5717	0.2859	-0.0893	3.53E-4	7.37E-4	6.04E-4
	CC6	-0.5556	0.2145	-0.0850	6.85E-5	5.99E-4	8.27E-4
	CC7	-0.5184	-0.2534	-0.0274	-9.46E-4	3.85E-4	7.42E-4
	CC8	-0.5024	-0.3248	-0.0230	-1.23E-3	2.48E-4	9.65E-4
	CC9	0.0227	0.9803	-0.1961	2.68E-3	8.49E-4	-6.42E-4
	CC10	0.0481	0.8669	-0.1892	2.23E-3	6.31E-4	-2.89E-4
	CC11	-0.2825	0.9599	-0.1808	2.34E-3	1.01E-3	-1.71E-4
	CC12	-0.2570	0.8465	-0.1739	1.89E-3	7.87E-4	1.82E-4
	CC13	0.2001	-0.8173	0.0104	-1.65E-3	-3.22E-4	-1.82E-4
	CC14	0.2256	-0.9307	0.0173	-2.10E-3	-5.41E-4	1.71E-4
	CC15	-0.1050	-0.8377	0.0258	-1.99E-3	-1.66E-4	2.89E-4
	CC16	-0.0795	-0.9511	0.0327	-2.44E-3	-3.85E-4	6.42E-4
155	CC1	0.4050	-0.1023	-0.1181	-1.37E-4	-7.76E-4	-8.93E-4
	CC2	0.4303	-0.0663	-0.0930	-9.42E-5	-7.75E-4	-6.71E-4
	CC3	0.4640	-0.5750	0.0521	7.62E-5	-7.71E-4	-7.55E-4
	CC4	0.4893	-0.5390	0.0771	1.19E-4	-7.70E-4	-5.32E-4
	CC5	-0.5467	0.5866	-0.2859	-3.90E-4	-6.95E-4	6.76E-4
	CC6	-0.5214	0.6226	-0.2609	-3.48E-4	-6.94E-4	8.99E-4
	CC7	-0.4877	0.1139	-0.1158	-1.77E-4	-6.90E-4	8.14E-4
	CC8	-0.4624	0.1499	-0.0907	-1.35E-4	-6.89E-4	1.04E-3

	CC9	-0.0044	0.6797	-0.3827	-4.86E-4	-7.54E-4	-5.70E-4
	CC10	0.0358	0.7369	-0.3429	-4.19E-4	-7.52E-4	-2.17E-4
	CC11	-0.2899	0.8864	-0.4331	-5.62E-4	-7.30E-4	-9.97E-5
	CC12	-0.2497	0.9436	-0.3933	-4.95E-4	-7.28E-4	2.54E-4
	CC13	0.1923	-0.8959	0.1845	2.23E-4	-7.37E-4	-1.10E-4
	CC14	0.2325	-0.8387	0.2243	2.91E-4	-7.35E-4	2.43E-4
	CC15	-0.0932	-0.6893	0.1341	1.47E-4	-7.13E-4	3.60E-4
	CC16	-0.0530	-0.6321	0.1739	2.15E-4	-7.11E-4	7.14E-4
156	CC1	0.4424	-0.1023	-0.1200	9.42E-5	-6.65E-4	-9.09E-4
	CC2	0.4585	-0.0663	-0.0937	1.05E-4	-6.98E-4	-6.86E-4
	CC3	0.4957	-0.5750	0.0550	7.36E-5	-8.31E-4	-7.71E-4
	CC4	0.5118	-0.5390	0.0814	8.48E-5	-8.63E-4	-5.48E-4
	CC5	-0.5740	0.5866	-0.3009	-2.98E-4	-5.00E-4	6.61E-4
	CC6	-0.5579	0.6226	-0.2746	-2.87E-4	-5.32E-4	8.83E-4
	CC7	-0.5207	0.1139	-0.1259	-3.19E-4	-6.66E-4	7.99E-4
	CC8	-0.5046	0.1499	-0.0996	-3.07E-4	-6.98E-4	1.02E-3
	CC9	0.0197	0.6797	-0.3952	-2.24E-5	-4.05E-4	-5.86E-4
	CC10	0.0453	0.7369	-0.3534	-4.62E-6	-4.56E-4	-2.32E-4
	CC11	-0.2852	0.8863	-0.4495	-1.40E-4	-3.55E-4	-1.15E-4
	CC12	-0.2596	0.9436	-0.4077	-1.22E-4	-4.06E-4	2.39E-4
	CC13	0.1974	-0.8960	0.1881	-9.10E-5	-9.57E-4	-1.26E-4
	CC14	0.2230	-0.8388	0.2300	-7.32E-5	-1.01E-3	2.28E-4
	CC15	-0.1075	-0.6893	0.1338	-2.09E-4	-9.07E-4	3.45E-4
	CC16	-0.0819	-0.6321	0.1757	-1.91E-4	-9.59E-4	6.99E-4
157	CC1	0.3903	-0.0626	-0.1497	-5.19E-5	-7.72E-4	-9.15E-4
	CC2	0.4153	-0.0357	-0.1252	-4.04E-5	-7.88E-4	-6.93E-4
	CC3	0.4491	-0.5410	0.0174	-1.82E-5	-8.61E-4	-7.77E-4
	CC4	0.4741	-0.5141	0.0420	-6.75E-6	-8.77E-4	-5.55E-4
	CC5	-0.5636	0.5621	-0.3118	-1.81E-4	-6.10E-4	6.54E-4
	CC6	-0.5386	0.5890	-0.2873	-1.69E-4	-6.26E-4	8.77E-4
	CC7	-0.5048	0.0838	-0.1447	-1.47E-4	-6.99E-4	7.92E-4
	CC8	-0.4797	0.1107	-0.1201	-1.36E-4	-7.15E-4	1.01E-3
	CC9	-0.0195	0.7062	-0.4087	-1.40E-4	-6.06E-4	-5.93E-4
	CC10	0.0202	0.7489	-0.3697	-1.21E-4	-6.32E-4	-2.39E-4
	CC11	-0.3057	0.8936	-0.4573	-1.78E-4	-5.58E-4	-1.22E-4
	CC12	-0.2659	0.9363	-0.4184	-1.60E-4	-5.83E-4	2.32E-4
	CC13	0.1765	-0.8883	0.1485	-2.75E-5	-9.04E-4	-1.33E-4
	CC14	0.2163	-0.8455	0.1875	-9.26E-6	-9.29E-4	2.21E-4
	CC15	-0.1096	-0.7009	0.0999	-6.62E-5	-8.55E-4	3.38E-4
	CC16	-0.0699	-0.6581	0.1388	-4.79E-5	-8.81E-4	6.92E-4
158	CC1	0.4282	-0.0626	-0.1514	-4.88E-5	-8.11E-4	-9.13E-4
	CC2	0.4440	-0.0357	-0.1264	-3.59E-5	-8.32E-4	-6.90E-4
	CC3	0.4813	-0.5410	0.0172	-2.82E-6	-9.03E-4	-7.75E-4
	CC4	0.4971	-0.5141	0.0422	1.01E-5	-9.24E-4	-5.52E-4
	CC5	-0.5905	0.5621	-0.3199	-2.06E-4	-5.23E-4	6.56E-4
	CC6	-0.5747	0.5890	-0.2949	-1.93E-4	-5.44E-4	8.79E-4
	CC7	-0.5374	0.0837	-0.1514	-1.60E-4	-6.15E-4	7.94E-4
	CC8	-0.5216	0.1106	-0.1264	-1.47E-4	-6.36E-4	1.02E-3
	CC9	0.0050	0.7062	-0.4144	-1.61E-4	-5.97E-4	-5.90E-4
	CC10	0.0301	0.7489	-0.3747	-1.41E-4	-6.30E-4	-2.37E-4
	CC11	-0.3006	0.8936	-0.4649	-2.08E-4	-5.11E-4	-1.20E-4
	CC12	-0.2755	0.9363	-0.4252	-1.88E-4	-5.44E-4	2.34E-4
	CC13	0.1820	-0.8883	0.1475	-8.00E-6	-9.03E-4	-1.30E-4
	CC14	0.2072	-0.8456	0.1872	1.25E-5	-9.36E-4	2.23E-4
	CC15	-0.1235	-0.7009	0.0969	-5.51E-5	-8.17E-4	3.40E-4
	CC16	-0.0984	-0.6581	0.1366	-3.46E-5	-8.50E-4	6.94E-4
159	CC1	0.3746	-0.0232	-0.1804	-4.00E-5	-6.92E-4	-9.31E-4
	CC2	0.3998	-0.0055	-0.1566	-3.42E-5	-7.06E-4	-7.08E-4
	CC3	0.4335	-0.5072	-0.0172	-1.99E-5	-7.60E-4	-7.93E-4
	CC4	0.4587	-0.4894	0.0065	-1.41E-5	-7.74E-4	-5.70E-4
	CC5	-0.5779	0.5373	-0.3331	-1.14E-4	-5.02E-4	6.38E-4
	CC6	-0.5527	0.5551	-0.3094	-1.08E-4	-5.16E-4	8.61E-4
	CC7	-0.5190	0.0533	-0.1700	-9.41E-5	-5.70E-4	7.76E-4
	CC8	-0.4938	0.0711	-0.1462	-8.83E-5	-5.84E-4	9.99E-4
	CC9	-0.0350	0.7324	-0.4312	-9.12E-5	-5.42E-4	-6.08E-4
	CC10	0.0051	0.7606	-0.3934	-8.19E-5	-5.65E-4	-2.55E-4
	CC11	-0.3207	0.9005	-0.4770	-1.13E-4	-4.85E-4	-1.38E-4
	CC12	-0.2807	0.9288	-0.4393	-1.04E-4	-5.07E-4	2.16E-4
	CC13	0.1615	-0.8809	0.1127	-2.41E-5	-7.69E-4	-1.48E-4
	CC14	0.2015	-0.8527	0.1504	-1.48E-5	-7.91E-4	2.05E-4
	CC15	-0.1243	-0.7128	0.0668	-4.64E-5	-7.12E-4	3.23E-4
	CC16	-0.0842	-0.6845	0.1046	-3.71E-5	-7.34E-4	6.76E-4
160	CC1	0.4133	-0.0233	-0.1823	-5.23E-5	-6.69E-4	-9.23E-4

	CC2	0.4292	-0.0055	-0.1583	-4.81E-5	-6.87E-4	-7.00E-4
	CC3	0.4664	-0.5072	-0.0184	-4.28E-5	-7.55E-4	-7.85E-4
	CC4	0.4823	-0.4894	0.0056	-3.86E-5	-7.73E-4	-5.62E-4
	CC5	-0.6051	0.5373	-0.3381	-1.21E-4	-4.49E-4	6.46E-4
	CC6	-0.5892	0.5551	-0.3141	-1.17E-4	-4.67E-4	8.69E-4
	CC7	-0.5519	0.0533	-0.1742	-1.12E-4	-5.35E-4	7.85E-4
	CC8	-0.5361	0.0711	-0.1502	-1.07E-4	-5.53E-4	1.01E-3
	CC9	-0.0098	0.7323	-0.4351	-8.88E-5	-4.87E-4	-6.00E-4
	CC10	0.0154	0.7606	-0.3970	-8.20E-5	-5.15E-4	-2.46E-4
	CC11	-0.3153	0.9005	-0.4818	-1.09E-4	-4.21E-4	-1.29E-4
	CC12	-0.2901	0.9288	-0.4437	-1.03E-4	-4.49E-4	2.24E-4
	CC13	0.1673	-0.8809	0.1112	-5.71E-5	-7.73E-4	-1.40E-4
	CC14	0.1925	-0.8527	0.1493	-5.03E-5	-8.01E-4	2.14E-4
	CC15	-0.1382	-0.7128	0.0645	-7.77E-5	-7.07E-4	3.31E-4
	CC16	-0.1130	-0.6845	0.1026	-7.10E-5	-7.35E-4	6.84E-4
161	CC1	0.3619	0.0158	-0.2051	-1.95E-5	-4.83E-4	-9.45E-4
	CC2	0.3874	0.0245	-0.1821	-1.75E-5	-4.98E-4	-7.23E-4
	CC3	0.4210	-0.4738	-0.0457	-1.81E-5	-5.55E-4	-8.07E-4
	CC4	0.4465	-0.4651	-0.0227	-1.61E-5	-5.70E-4	-5.85E-4
	CC5	-0.5886	0.5122	-0.3476	-5.77E-5	-2.87E-4	6.24E-4
	CC6	-0.5631	0.5208	-0.3246	-5.56E-5	-3.02E-4	8.46E-4
	CC7	-0.5295	0.0225	-0.1882	-5.63E-5	-3.59E-4	7.62E-4
	CC8	-0.5040	0.0312	-0.1652	-5.42E-5	-3.74E-4	9.84E-4
	CC9	-0.0473	0.7582	-0.4477	-3.51E-5	-3.25E-4	-6.23E-4
	CC10	-0.0068	0.7720	-0.4112	-3.19E-5	-3.49E-4	-2.69E-4
	CC11	-0.3324	0.9071	-0.4905	-4.65E-5	-2.66E-4	-1.52E-4
	CC12	-0.2919	0.9209	-0.4540	-4.33E-5	-2.90E-4	2.02E-4
	CC13	0.1498	-0.8739	0.0837	-3.05E-5	-5.67E-4	-1.63E-4
	CC14	0.1903	-0.8601	0.1202	-2.72E-5	-5.91E-4	1.91E-4
	CC15	-0.1354	-0.7250	0.0409	-4.19E-5	-5.08E-4	3.08E-4
	CC16	-0.0949	-0.7112	0.0774	-3.87E-5	-5.32E-4	6.62E-4
162	CC1	0.4015	0.0158	-0.2062	-4.64E-5	-4.64E-4	-9.32E-4
	CC2	0.4175	0.0245	-0.1832	-4.47E-5	-4.81E-4	-7.09E-4
	CC3	0.4548	-0.4738	-0.0468	-4.63E-5	-5.49E-4	-7.94E-4
	CC4	0.4707	-0.4651	-0.0238	-4.46E-5	-5.66E-4	-5.71E-4
	CC5	-0.6159	0.5122	-0.3503	-7.97E-5	-2.44E-4	6.37E-4
	CC6	-0.6000	0.5208	-0.3273	-7.80E-5	-2.61E-4	8.60E-4
	CC7	-0.5627	0.0225	-0.1909	-7.95E-5	-3.29E-4	7.75E-4
	CC8	-0.5467	0.0312	-0.1679	-7.78E-5	-3.46E-4	9.98E-4
	CC9	-0.0214	0.7582	-0.4494	-5.87E-5	-2.83E-4	-6.09E-4
	CC10	0.0040	0.7720	-0.4128	-5.60E-5	-3.10E-4	-2.56E-4
	CC11	-0.3266	0.9071	-0.4927	-6.87E-5	-2.17E-4	-1.39E-4
	CC12	-0.3012	0.9209	-0.4560	-6.60E-5	-2.44E-4	2.15E-4
	CC13	0.1560	-0.8739	0.0819	-5.83E-5	-5.65E-4	-1.49E-4
	CC14	0.1814	-0.8601	0.1186	-5.56E-5	-5.93E-4	2.04E-4
	CC15	-0.1492	-0.7250	0.0387	-6.83E-5	-4.99E-4	3.21E-4
	CC16	-0.1238	-0.7112	0.0753	-6.56E-5	-5.27E-4	6.75E-4
163	CC1	0.3542	0.0546	-0.2202	4.20E-6	-2.24E-4	-9.57E-4
	CC2	0.3800	0.0542	-0.1980	3.56E-6	-2.39E-4	-7.35E-4
	CC3	0.4135	-0.4407	-0.0645	-1.17E-5	-2.91E-4	-8.19E-4
	CC4	0.4393	-0.4411	-0.0423	-1.24E-5	-3.06E-4	-5.97E-4
	CC5	-0.5941	0.4868	-0.3524	-1.57E-5	-2.64E-5	6.12E-4
	CC6	-0.5683	0.4863	-0.3302	-1.64E-5	-4.12E-5	8.34E-4
	CC7	-0.5348	-0.0085	-0.1966	-3.17E-5	-9.41E-5	7.50E-4
	CC8	-0.5090	-0.0089	-0.1744	-3.23E-5	-1.09E-4	9.72E-4
	CC9	-0.0545	0.7838	-0.4547	1.60E-5	-7.15E-5	-6.35E-4
	CC10	-0.0135	0.7831	-0.4194	1.50E-5	-9.49E-5	-2.81E-4
	CC11	-0.3390	0.9135	-0.4944	9.99E-6	-1.23E-5	-1.64E-4
	CC12	-0.2980	0.9128	-0.4591	8.97E-6	-3.56E-5	1.90E-4
	CC13	0.1432	-0.8671	0.0644	-3.71E-5	-2.97E-4	-1.75E-4
	CC14	0.1842	-0.8678	0.0997	-3.81E-5	-3.20E-4	1.79E-4
	CC15	-0.1413	-0.7375	0.0248	-4.31E-5	-2.38E-4	2.96E-4
	CC16	-0.1003	-0.7381	0.0600	-4.41E-5	-2.61E-4	6.50E-4
164	CC1	0.3948	0.0546	-0.2204	-2.69E-5	-1.97E-4	-9.42E-4
	CC2	0.4109	0.0542	-0.1982	-2.80E-5	-2.15E-4	-7.20E-4
	CC3	0.4481	-0.4407	-0.0654	-4.48E-5	-2.83E-4	-8.04E-4
	CC4	0.4642	-0.4411	-0.0432	-4.60E-5	-3.00E-4	-5.82E-4
	CC5	-0.6217	0.4867	-0.3532	-3.94E-5	1.36E-5	6.27E-4
	CC6	-0.6055	0.4863	-0.3311	-4.06E-5	-3.47E-6	8.49E-4
	CC7	-0.5684	-0.0085	-0.1982	-5.73E-5	-7.21E-5	7.65E-4
	CC8	-0.5522	-0.0089	-0.1761	-5.85E-5	-8.91E-5	9.88E-4
	CC9	-0.0279	0.7838	-0.4542	-1.00E-5	-1.87E-5	-6.20E-4
	CC10	-0.0023	0.7831	-0.4190	-1.18E-5	-4.58E-5	-2.66E-4

	CC11	-0.3329	0.9134	-0.4941	-1.38E-5	4.46E-5	-1.49E-4
	CC12	-0.3072	0.9128	-0.4588	-1.56E-5	1.75E-5	2.05E-4
	CC13	0.1498	-0.8671	0.0624	-6.98E-5	-3.04E-4	-1.60E-4
	CC14	0.1754	-0.8678	0.0976	-7.16E-5	-3.31E-4	1.94E-4
	CC15	-0.1552	-0.7375	0.0226	-7.35E-5	-2.41E-4	3.11E-4
	CC16	-0.1295	-0.7381	0.0578	-7.54E-5	-2.68E-4	6.65E-4
165	CC1	0.3523	0.0932	-0.2245	3.17E-5	4.85E-5	-9.68E-4
	CC2	0.3784	0.0836	-0.2030	2.75E-5	3.48E-5	-7.45E-4
	CC3	0.4118	-0.4078	-0.0720	-1.38E-5	-1.02E-5	-8.30E-4
	CC4	0.4379	-0.4173	-0.0506	-1.79E-5	-2.39E-5	-6.07E-4
	CC5	-0.5939	0.4611	-0.3464	2.93E-5	2.40E-4	6.01E-4
	CC6	-0.5678	0.4516	-0.3250	2.52E-5	2.26E-4	8.24E-4
	CC7	-0.5344	-0.0398	-0.1940	-1.61E-5	1.81E-4	7.39E-4
	CC8	-0.5083	-0.0494	-0.1725	-2.02E-5	1.67E-4	9.62E-4
	CC9	-0.0559	0.8091	-0.4513	8.51E-5	1.88E-4	-6.45E-4
	CC10	-0.0144	0.7940	-0.4172	7.85E-5	1.66E-4	-2.92E-4
	CC11	-0.3398	0.9195	-0.4879	8.44E-5	2.45E-4	-1.75E-4
	CC12	-0.2983	0.9044	-0.4538	7.78E-5	2.24E-4	1.79E-4
	CC13	0.1424	-0.8606	0.0568	-6.64E-5	-7.80E-6	-1.85E-4
	CC14	0.1838	-0.8757	0.0909	-7.29E-5	-2.96E-5	1.68E-4
	CC15	-0.1415	-0.7502	0.0203	-6.71E-5	4.96E-5	2.86E-4
	CC16	-0.1000	-0.7653	0.0543	-7.36E-5	2.78E-5	6.39E-4
166	CC1	0.3938	0.0931	-0.2232	1.03E-6	8.22E-5	-9.53E-4
	CC2	0.4101	0.0836	-0.2020	-3.43E-6	6.46E-5	-7.31E-4
	CC3	0.4472	-0.4078	-0.0729	-4.46E-5	-1.04E-5	-8.15E-4
	CC4	0.4635	-0.4173	-0.0516	-4.91E-5	-2.80E-5	-5.93E-4
	CC5	-0.6216	0.4611	-0.3451	5.88E-6	2.90E-4	6.16E-4
	CC6	-0.6053	0.4516	-0.3239	1.41E-6	2.72E-4	8.38E-4
	CC7	-0.5682	-0.0398	-0.1948	-3.98E-5	1.97E-4	7.54E-4
	CC8	-0.5519	-0.0494	-0.1735	-4.42E-5	1.80E-4	9.76E-4
	CC9	-0.0287	0.8091	-0.4476	5.73E-5	2.68E-4	-6.31E-4
	CC10	-0.0028	0.7940	-0.4138	5.02E-5	2.40E-4	-2.77E-4
	CC11	-0.3333	0.9195	-0.4841	5.87E-5	3.30E-4	-1.60E-4
	CC12	-0.3074	0.9044	-0.4504	5.16E-5	3.02E-4	1.94E-4
	CC13	0.1494	-0.8606	0.0536	-9.48E-5	-4.05E-5	-1.71E-4
	CC14	0.1752	-0.8757	0.0874	-1.02E-4	-6.85E-5	1.83E-4
	CC15	-0.1553	-0.7502	0.0170	-9.34E-5	2.18E-5	3.00E-4
	CC16	-0.1294	-0.7654	0.0508	-1.00E-4	-6.22E-6	6.54E-4
167	CC1	0.3561	0.1314	-0.2183	6.94E-5	2.85E-4	-9.77E-4
	CC2	0.3825	0.1128	-0.1975	5.86E-5	2.73E-4	-7.55E-4
	CC3	0.4158	-0.3751	-0.0684	-3.53E-5	2.43E-4	-8.39E-4
	CC4	0.4422	-0.3938	-0.0476	-4.61E-5	2.31E-4	-6.17E-4
	CC5	-0.5880	0.4352	-0.3303	9.29E-5	4.75E-4	5.92E-4
	CC6	-0.5616	0.4166	-0.3096	8.21E-5	4.63E-4	8.15E-4
	CC7	-0.5283	-0.0714	-0.1805	-1.18E-5	4.34E-4	7.30E-4
	CC8	-0.5019	-0.0900	-0.1597	-2.26E-5	4.22E-4	9.53E-4
	CC9	-0.0517	0.8342	-0.4385	2.03E-4	4.03E-4	-6.55E-4
	CC10	-0.0098	0.8046	-0.4055	1.86E-4	3.84E-4	-3.01E-4
	CC11	-0.3349	0.9254	-0.4721	2.10E-4	4.60E-4	-1.84E-4
	CC12	-0.2930	0.8958	-0.4391	1.93E-4	4.41E-4	1.70E-4
	CC13	0.1472	-0.8543	0.0611	-1.46E-4	2.66E-4	-1.95E-4
	CC14	0.1892	-0.8839	0.0941	-1.63E-4	2.47E-4	1.59E-4
	CC15	-0.1360	-0.7632	0.0275	-1.39E-4	3.23E-4	2.76E-4
	CC16	-0.0941	-0.7928	0.0605	-1.56E-4	3.04E-4	6.30E-4
168	CC1	0.3985	0.1314	-0.2152	4.45E-5	3.32E-4	-9.66E-4
	CC2	0.4150	0.1128	-0.1949	3.38E-5	3.13E-4	-7.43E-4
	CC3	0.4520	-0.3751	-0.0701	-5.73E-5	2.20E-4	-8.28E-4
	CC4	0.4685	-0.3938	-0.0498	-6.81E-5	2.01E-4	-6.05E-4
	CC5	-0.6158	0.4352	-0.3259	7.19E-5	5.54E-4	6.03E-4
	CC6	-0.5994	0.4165	-0.3056	6.11E-5	5.34E-4	8.26E-4
	CC7	-0.5623	-0.0714	-0.1808	-3.00E-5	4.42E-4	7.41E-4
	CC8	-0.5459	-0.0900	-0.1605	-4.07E-5	4.22E-4	9.64E-4
	CC9	-0.0237	0.8342	-0.4292	1.76E-4	5.46E-4	-6.43E-4
	CC10	0.0024	0.8046	-0.3970	1.59E-4	5.15E-4	-2.90E-4
	CC11	-0.3280	0.9254	-0.4624	1.84E-4	6.13E-4	-1.72E-4
	CC12	-0.3019	0.8957	-0.4302	1.67E-4	5.82E-4	1.81E-4
	CC13	0.1546	-0.8543	0.0545	-1.63E-4	1.73E-4	-1.83E-4
	CC14	0.1807	-0.8839	0.0867	-1.80E-4	1.42E-4	1.70E-4
	CC15	-0.1497	-0.7632	0.0212	-1.55E-4	2.40E-4	2.88E-4
	CC16	-0.1236	-0.7928	0.0535	-1.72E-4	2.09E-4	6.41E-4
169	CC1	0.3644	0.1695	-0.2038	1.28E-4	4.65E-4	-9.86E-4
	CC2	0.3912	0.1418	-0.1835	1.05E-4	4.59E-4	-7.64E-4
	CC3	0.4243	-0.3427	-0.0549	-9.23E-5	4.64E-4	-8.48E-4

	CC4	0.4510	-0.3704	-0.0346	-1.15E-4	4.58E-4	-6.26E-4
	CC5	-0.5775	0.4091	-0.3070	1.96E-4	6.04E-4	5.83E-4
	CC6	-0.5508	0.3813	-0.2867	1.73E-4	5.98E-4	8.06E-4
	CC7	-0.5176	-0.1031	-0.1581	-2.45E-5	6.03E-4	7.21E-4
	CC8	-0.4909	-0.1309	-0.1378	-4.75E-5	5.96E-4	9.44E-4
	CC9	-0.0429	0.8591	-0.4196	4.15E-4	5.17E-4	-6.64E-4
	CC10	-0.0005	0.8150	-0.3874	3.79E-4	5.07E-4	-3.10E-4
	CC11	-0.3255	0.9310	-0.4506	4.36E-4	5.59E-4	-1.93E-4
	CC12	-0.2831	0.8869	-0.4183	3.99E-4	5.48E-4	1.61E-4
	CC13	0.1566	-0.8483	0.0767	-3.19E-4	5.14E-4	-2.03E-4
	CC14	0.1990	-0.8923	0.1089	-3.55E-4	5.03E-4	1.50E-4
	CC15	-0.1260	-0.7764	0.0457	-2.98E-4	5.55E-4	2.67E-4
	CC16	-0.0835	-0.8205	0.0780	-3.35E-4	5.45E-4	6.21E-4
170	CC1	0.4078	0.1695	-0.1976	1.05E-4	5.46E-4	-9.80E-4
	CC2	0.4244	0.1418	-0.1784	8.31E-5	5.23E-4	-7.57E-4
	CC3	0.4614	-0.3427	-0.0590	-1.06E-4	4.05E-4	-8.42E-4
	CC4	0.4780	-0.3705	-0.0398	-1.28E-4	3.82E-4	-6.19E-4
	CC5	-0.6054	0.4091	-0.2974	1.84E-4	7.31E-4	5.89E-4
	CC6	-0.5888	0.3813	-0.2782	1.62E-4	7.09E-4	8.12E-4
	CC7	-0.5518	-0.1032	-0.1588	-2.71E-5	5.91E-4	7.27E-4
	CC8	-0.5352	-0.1309	-0.1396	-4.94E-5	5.68E-4	9.50E-4
	CC9	-0.0142	0.8591	-0.3999	3.86E-4	7.81E-4	-6.57E-4
	CC10	0.0121	0.8150	-0.3694	3.50E-4	7.45E-4	-3.03E-4
	CC11	-0.3182	0.9310	-0.4298	4.09E-4	8.37E-4	-1.86E-4
	CC12	-0.2918	0.8869	-0.3993	3.74E-4	8.01E-4	1.67E-4
	CC13	0.1644	-0.8483	0.0622	-3.18E-4	3.13E-4	-1.97E-4
	CC14	0.1908	-0.8924	0.0927	-3.53E-4	2.77E-4	1.57E-4
	CC15	-0.1396	-0.7764	0.0322	-2.94E-4	3.68E-4	2.74E-4
	CC16	-0.1132	-0.8205	0.0627	-3.30E-4	3.32E-4	6.27E-4
171	CC1	0.3754	0.2074	-0.1859	2.27E-4	4.46E-4	-9.96E-4
	CC2	0.4024	0.1705	-0.1659	1.78E-4	4.41E-4	-7.73E-4
	CC3	0.4355	-0.3105	-0.0353	-2.30E-4	4.97E-4	-8.58E-4
	CC4	0.4625	-0.3473	-0.0152	-2.80E-4	4.92E-4	-6.35E-4
	CC5	-0.5642	0.3828	-0.2797	3.97E-4	7.13E-4	5.73E-4
	CC6	-0.5372	0.3459	-0.2597	3.48E-4	7.08E-4	7.96E-4
	CC7	-0.5042	-0.1351	-0.1291	-6.04E-5	7.64E-4	7.11E-4
	CC8	-0.4771	-0.1720	-0.1090	-1.10E-4	7.59E-4	9.34E-4
	CC9	-0.0315	0.8838	-0.4004	8.35E-4	4.81E-4	-6.73E-4
	CC10	0.0114	0.8252	-0.3685	7.57E-4	4.73E-4	-3.20E-4
	CC11	-0.3134	0.9364	-0.4286	8.86E-4	5.61E-4	-2.03E-4
	CC12	-0.2704	0.8778	-0.3967	8.08E-4	5.53E-4	1.51E-4
	CC13	0.1687	-0.8424	0.1017	-6.90E-4	6.52E-4	-2.13E-4
	CC14	0.2117	-0.9010	0.1336	-7.69E-4	6.44E-4	1.40E-4
	CC15	-0.1132	-0.7898	0.0736	-6.39E-4	7.32E-4	2.57E-4
	CC16	-0.0702	-0.8484	0.1055	-7.18E-4	7.24E-4	6.11E-4
172	CC1	0.4197	0.2074	-0.1747	2.28E-4	5.62E-4	-9.94E-4
	CC2	0.4365	0.1705	-0.1569	1.81E-4	5.29E-4	-7.72E-4
	CC3	0.4734	-0.3105	-0.0454	-2.12E-4	3.22E-4	-8.56E-4
	CC4	0.4902	-0.3474	-0.0276	-2.60E-4	2.89E-4	-6.34E-4
	CC5	-0.5921	0.3827	-0.2605	3.71E-4	9.75E-4	5.75E-4
	CC6	-0.5753	0.3459	-0.2427	3.24E-4	9.42E-4	7.97E-4
	CC7	-0.5384	-0.1351	-0.1312	-6.97E-5	7.35E-4	7.13E-4
	CC8	-0.5216	-0.1720	-0.1134	-1.17E-4	7.02E-4	9.36E-4
	CC9	-0.0021	0.8838	-0.3608	8.07E-4	9.97E-4	-6.72E-4
	CC10	0.0246	0.8252	-0.3325	7.31E-4	9.45E-4	-3.18E-4
	CC11	-0.3056	0.9364	-0.3866	8.50E-4	1.12E-3	-2.01E-4
	CC12	-0.2789	0.8778	-0.3583	7.74E-4	1.07E-3	1.53E-4
	CC13	0.1770	-0.8425	0.0702	-6.63E-4	1.96E-4	-2.12E-4
	CC14	0.2037	-0.9010	0.0985	-7.38E-4	1.44E-4	1.42E-4
	CC15	-0.1265	-0.7898	0.0444	-6.20E-4	3.20E-4	2.59E-4
	CC16	-0.0999	-0.8484	0.0727	-6.96E-4	2.67E-4	6.13E-4
173	CC1	0.4315	0.2450	-0.1457	3.76E-4	9.23E-4	-1.01E-3
	CC2	0.4485	0.1990	-0.1297	2.84E-4	8.83E-4	-7.84E-4
	CC3	0.4854	-0.2785	-0.0302	-5.08E-4	6.17E-4	-8.69E-4
	CC4	0.5024	-0.3245	-0.0143	-6.01E-4	5.76E-4	-6.46E-4
	CC5	-0.5786	0.3562	-0.2244	7.58E-4	5.55E-4	5.63E-4
	CC6	-0.5615	0.3102	-0.2084	6.65E-4	5.15E-4	7.85E-4
	CC7	-0.5247	-0.1673	-0.1089	-1.27E-4	2.49E-4	7.01E-4
	CC8	-0.5077	-0.2133	-0.0930	-2.19E-4	2.08E-4	9.23E-4
	CC9	0.0101	0.9082	-0.3126	1.57E-3	1.16E-3	-6.84E-4
	CC10	0.0372	0.8352	-0.2873	1.42E-3	1.10E-3	-3.30E-4
	CC11	-0.2929	0.9416	-0.3362	1.68E-3	1.05E-3	-2.13E-4
	CC12	-0.2658	0.8685	-0.3109	1.54E-3	9.89E-4	1.41E-4

	CC13	0.1897	-0.8368	0.0723	-1.38E-3	1.43E-4	-2.24E-4
	CC14	0.2167	-0.9098	0.0976	-1.53E-3	7.83E-5	1.30E-4
	CC15	-0.1134	-0.8035	0.0486	-1.26E-3	3.23E-5	2.47E-4
	CC16	-0.0863	-0.8765	0.0740	-1.41E-3	-3.20E-5	6.01E-4
174	CC1	0.3856	0.2451	-0.1670	4.42E-4	6.22E-4	-1.01E-3
	CC2	0.4132	0.1991	-0.1461	3.36E-4	6.60E-4	-7.85E-4
	CC3	0.4460	-0.2784	-0.0066	-5.14E-4	9.20E-4	-8.70E-4
	CC4	0.4736	-0.3244	0.0143	-6.19E-4	9.58E-4	-6.47E-4
	CC5	-0.5504	0.3562	-0.2622	7.81E-4	1.27E-4	5.61E-4
	CC6	-0.5228	0.3103	-0.2413	6.76E-4	1.65E-4	7.84E-4
	CC7	-0.4900	-0.1673	-0.1018	-1.74E-4	4.25E-4	6.99E-4
	CC8	-0.4624	-0.2132	-0.0809	-2.80E-4	4.63E-4	9.22E-4
	CC9	-0.0205	0.9083	-0.3936	1.71E-3	8.88E-5	-6.85E-4
	CC10	0.0232	0.8353	-0.3605	1.54E-3	1.49E-4	-3.31E-4
	CC11	-0.3013	0.9416	-0.4222	1.81E-3	-5.97E-5	-2.14E-4
	CC12	-0.2576	0.8686	-0.3890	1.64E-3	6.62E-7	1.39E-4
	CC13	0.1808	-0.8368	0.1411	-1.48E-3	1.08E-3	-2.25E-4
	CC14	0.2245	-0.9098	0.1743	-1.65E-3	1.14E-3	1.29E-4
	CC15	-0.1000	-0.8034	0.1125	-1.38E-3	9.36E-4	2.46E-4
	CC16	-0.0563	-0.8764	0.1457	-1.55E-3	9.96E-4	5.99E-4
175	CC1	0.5089	-0.2159	0.0289	2.05E-3	-6.10E-4	-9.65E-4
	CC2	0.5124	-0.1533	0.0474	1.70E-3	-5.94E-4	-7.42E-4
	CC3	0.5544	-0.6721	0.1413	-3.75E-4	-5.46E-4	-8.27E-4
	CC4	0.5579	-0.6094	0.1599	-7.25E-4	-5.31E-4	-6.04E-4
	CC5	-0.5963	0.6608	-0.2655	7.97E-4	-2.31E-4	6.04E-4
	CC6	-0.5927	0.7234	-0.2469	4.47E-4	-2.15E-4	8.27E-4
	CC7	-0.5508	0.2046	-0.1531	-1.62E-3	-1.67E-4	7.42E-4
	CC8	-0.5472	0.2673	-0.1345	-1.97E-3	-1.51E-4	9.65E-4
	CC9	0.0679	0.6047	-0.2108	4.54E-3	-5.57E-4	-6.42E-4
	CC10	0.0736	0.7042	-0.1813	3.98E-3	-5.32E-4	-2.89E-4
	CC11	-0.2636	0.8677	-0.2991	4.16E-3	-4.43E-4	-1.71E-4
	CC12	-0.2580	0.9672	-0.2696	3.61E-3	-4.18E-4	1.82E-4
	CC13	0.2196	-0.9159	0.1639	-3.54E-3	-3.44E-4	-1.82E-4
	CC14	0.2253	-0.8164	0.1934	-4.09E-3	-3.19E-4	1.71E-4
	CC15	-0.1119	-0.6529	0.0756	-3.91E-3	-2.30E-4	2.89E-4
	CC16	-0.1063	-0.5534	0.1051	-4.47E-3	-2.05E-4	6.42E-4
176	CC1	0.5048	-0.1914	0.0015	1.98E-3	-7.84E-4	-9.65E-4
	CC2	0.5093	-0.1345	0.0225	1.66E-3	-7.33E-4	-7.42E-4
	CC3	0.5509	-0.6512	0.1295	-2.72E-4	-4.85E-4	-8.27E-4
	CC4	0.5554	-0.5943	0.1505	-5.93E-4	-4.34E-4	-6.04E-4
	CC5	-0.5936	0.6441	-0.2772	6.60E-4	-3.87E-4	6.04E-4
	CC6	-0.5890	0.7009	-0.2561	3.39E-4	-3.36E-4	8.27E-4
	CC7	-0.5474	0.1843	-0.1491	-1.59E-3	-8.73E-5	7.42E-4
	CC8	-0.5429	0.2411	-0.1281	-1.91E-3	-3.63E-5	9.65E-4
	CC9	0.0652	0.6208	-0.2516	4.24E-3	-1.01E-3	-6.42E-4
	CC10	0.0724	0.7110	-0.2182	3.73E-3	-9.29E-4	-2.89E-4
	CC11	-0.2643	0.8714	-0.3352	3.84E-3	-8.91E-4	-1.71E-4
	CC12	-0.2571	0.9617	-0.3018	3.34E-3	-8.10E-4	1.82E-4
	CC13	0.2189	-0.9119	0.1752	-3.27E-3	-1.09E-5	-1.82E-4
	CC14	0.2261	-0.8216	0.2085	-3.78E-3	7.01E-5	1.71E-4
	CC15	-0.1106	-0.6612	0.0916	-3.67E-3	1.08E-4	2.89E-4
	CC16	-0.1034	-0.5710	0.1249	-4.17E-3	1.89E-4	6.42E-4
177	CC1	0.5006	-0.1668	-0.0313	1.90E-3	-1.01E-3	-9.65E-4
	CC2	0.5061	-0.1158	-0.0070	1.62E-3	-9.28E-4	-7.42E-4
	CC3	0.5473	-0.6302	0.1184	-1.40E-4	-4.83E-4	-8.27E-4
	CC4	0.5528	-0.5793	0.1427	-4.22E-4	-4.02E-4	-6.04E-4
	CC5	-0.5909	0.6275	-0.2925	4.84E-4	-5.27E-4	6.04E-4
	CC6	-0.5854	0.6785	-0.2682	2.02E-4	-4.46E-4	8.27E-4
	CC7	-0.5442	0.1641	-0.1428	-1.56E-3	-2.10E-6	7.42E-4
	CC8	-0.5387	0.2150	-0.1185	-1.84E-3	7.88E-5	9.65E-4
	CC9	0.0625	0.6369	-0.3045	3.87E-3	-1.48E-3	-6.42E-4
	CC10	0.0712	0.7178	-0.2659	3.42E-3	-1.35E-3	-2.89E-4
	CC11	-0.2650	0.8752	-0.3828	3.45E-3	-1.33E-3	-1.71E-4
	CC12	-0.2563	0.9561	-0.3442	3.00E-3	-1.20E-3	1.82E-4
	CC13	0.2182	-0.9079	0.1944	-2.94E-3	2.74E-4	-1.82E-4
	CC14	0.2269	-0.8269	0.2330	-3.39E-3	4.02E-4	1.71E-4
	CC15	-0.1093	-0.6696	0.1161	-3.36E-3	4.18E-4	2.89E-4
	CC16	-0.1005	-0.5886	0.1547	-3.81E-3	5.47E-4	6.42E-4
178	CC1	0.4148	-0.2034	-0.0778	2.19E-4	-2.61E-4	-9.65E-4
	CC2	0.4408	-0.1437	-0.0483	2.52E-4	-3.28E-4	-7.42E-4
	CC3	0.4742	-0.6614	0.1230	2.60E-4	-6.99E-4	-8.27E-4
	CC4	0.5002	-0.6017	0.1525	2.93E-4	-7.65E-4	-6.04E-4
	CC5	-0.5320	0.6527	-0.2595	-4.84E-4	2.69E-5	6.04E-4

	CC6	-0.5060	0.7124	-0.2299	-4.52E-4	-3.97E-5	8.27E-4
	CC7	-0.4726	0.1947	-0.0587	-4.44E-4	-4.10E-4	7.42E-4
	CC8	-0.4466	0.2544	-0.0291	-4.11E-4	-4.77E-4	9.65E-4
	CC9	0.0064	0.6129	-0.3844	-8.40E-5	3.69E-4	-6.42E-4
	CC10	0.0477	0.7078	-0.3374	-3.20E-5	2.64E-4	-2.89E-4
	CC11	-0.2777	0.8698	-0.4389	-2.95E-4	4.56E-4	-1.71E-4
	CC12	-0.2363	0.9647	-0.3919	-2.43E-4	3.50E-4	1.82E-4
	CC13	0.2045	-0.9137	0.2850	5.14E-5	-1.09E-3	-1.82E-4
	CC14	0.2458	-0.8188	0.3319	1.03E-4	-1.19E-3	1.71E-4
	CC15	-0.0795	-0.6569	0.2304	-1.60E-4	-1.00E-3	2.89E-4
	CC16	-0.0382	-0.5620	0.2774	-1.08E-4	-1.11E-3	6.42E-4
179	CC1	0.4446	-0.1994	-0.0684	5.17E-4	-4.77E-4	-9.65E-4
	CC2	0.4635	-0.1406	-0.0385	5.06E-4	-5.09E-4	-7.42E-4
	CC3	0.4996	-0.6580	0.1288	2.74E-4	-6.85E-4	-8.27E-4
	CC4	0.5185	-0.5992	0.1586	2.63E-4	-7.16E-4	-6.04E-4
	CC5	-0.5527	0.6498	-0.2745	-4.16E-4	-5.58E-5	6.04E-4
	CC6	-0.5338	0.7086	-0.2446	-4.27E-4	-8.71E-5	8.27E-4
	CC7	-0.4977	0.1912	-0.0774	-6.59E-4	-2.63E-4	7.42E-4
	CC8	-0.4788	0.2500	-0.0475	-6.70E-4	-2.95E-4	9.65E-4
	CC9	0.0259	0.6156	-0.3793	4.77E-4	-7.86E-5	-6.42E-4
	CC10	0.0558	0.7089	-0.3319	4.60E-4	-1.28E-4	-2.89E-4
	CC11	-0.2733	0.8703	-0.4412	1.97E-4	4.79E-5	-1.71E-4
	CC12	-0.2434	0.9637	-0.3937	1.80E-4	-1.80E-6	1.82E-4
	CC13	0.2092	-0.9131	0.2778	-3.33E-4	-7.70E-4	-1.82E-4
	CC14	0.2391	-0.8197	0.3253	-3.50E-4	-8.20E-4	1.71E-4
	CC15	-0.0900	-0.6583	0.2160	-6.13E-4	-6.44E-4	2.89E-4
	CC16	-0.0601	-0.5650	0.2634	-6.30E-4	-6.93E-4	6.42E-4
180	CC1	0.4758	-0.1953	-0.0439	1.16E-3	-7.10E-4	-9.65E-4
	CC2	0.4872	-0.1375	-0.0162	1.03E-3	-6.91E-4	-7.42E-4
	CC3	0.5262	-0.6545	0.1335	1.32E-4	-5.94E-4	-8.27E-4
	CC4	0.5376	-0.5967	0.1613	2.48E-6	-5.75E-4	-6.04E-4
	CC5	-0.5741	0.6469	-0.2844	-6.76E-5	-2.35E-4	6.04E-4
	CC6	-0.5627	0.7047	-0.2567	-1.98E-4	-2.16E-4	8.27E-4
	CC7	-0.5237	0.1877	-0.1070	-1.09E-3	-1.19E-4	7.42E-4
	CC8	-0.5123	0.2454	-0.0793	-1.22E-3	-1.01E-4	9.65E-4
	CC9	0.0462	0.6182	-0.3433	1.96E-3	-6.84E-4	-6.42E-4
	CC10	0.0643	0.7100	-0.2992	1.75E-3	-6.54E-4	-2.89E-4
	CC11	-0.2687	0.8709	-0.4154	1.59E-3	-5.42E-4	-1.71E-4
	CC12	-0.2506	0.9626	-0.3713	1.39E-3	-5.12E-4	1.82E-4
	CC13	0.2141	-0.9125	0.2481	-1.45E-3	-2.99E-4	-1.82E-4
	CC14	0.2322	-0.8207	0.2922	-1.66E-3	-2.69E-4	1.71E-4
	CC15	-0.1008	-0.6598	0.1760	-1.82E-3	-1.56E-4	2.89E-4
	CC16	-0.0827	-0.5681	0.2201	-2.02E-3	-1.26E-4	6.42E-4
181	CC1	0.4480	-0.1613	-0.0885	2.27E-4	-5.56E-4	-9.65E-4
	CC2	0.4660	-0.1117	-0.0598	2.69E-4	-5.88E-4	-7.42E-4
	CC3	0.5024	-0.6256	0.1007	3.41E-4	-7.45E-4	-8.27E-4
	CC4	0.5205	-0.5759	0.1295	3.84E-4	-7.77E-4	-6.04E-4
	CC5	-0.5552	0.6238	-0.2792	-5.96E-4	-1.11E-4	6.04E-4
	CC6	-0.5372	0.6735	-0.2505	-5.54E-4	-1.43E-4	8.27E-4
	CC7	-0.5007	0.1596	-0.0899	-4.82E-4	-3.00E-4	7.42E-4
	CC8	-0.4827	0.2093	-0.0612	-4.39E-4	-3.32E-4	9.65E-4
	CC9	0.0280	0.6405	-0.3846	-2.08E-4	-1.70E-4	-6.42E-4
	CC10	0.0566	0.7194	-0.3389	-1.41E-4	-2.22E-4	-2.89E-4
	CC11	-0.2730	0.8760	-0.4418	-4.55E-4	-3.68E-5	-1.71E-4
	CC12	-0.2443	0.9549	-0.3961	-3.88E-4	-8.79E-5	1.82E-4
	CC13	0.2096	-0.9070	0.2464	1.75E-4	-8.00E-4	-1.82E-4
	CC14	0.2382	-0.8281	0.2920	2.42E-4	-8.51E-4	1.71E-4
	CC15	-0.0914	-0.6714	0.1892	-7.20E-5	-6.66E-4	2.89E-4
	CC16	-0.0627	-0.5925	0.2348	-4.93E-6	-7.18E-4	6.42E-4
182	CC1	0.4463	-0.1803	-0.0779	3.75E-4	-5.33E-4	-9.65E-4
	CC2	0.4648	-0.1261	-0.0486	3.92E-4	-5.60E-4	-7.42E-4
	CC3	0.5010	-0.6418	0.1150	3.13E-4	-7.02E-4	-8.27E-4
	CC4	0.5195	-0.5875	0.1443	3.29E-4	-7.28E-4	-6.04E-4
	CC5	-0.5539	0.6368	-0.2766	-5.02E-4	-8.31E-5	6.04E-4
	CC6	-0.5355	0.6910	-0.2473	-4.85E-4	-1.10E-4	8.27E-4
	CC7	-0.4992	0.1754	-0.0837	-5.65E-4	-2.52E-4	7.42E-4
	CC8	-0.4808	0.2296	-0.0544	-5.48E-4	-2.78E-4	9.65E-4
	CC9	0.0269	0.6280	-0.3810	1.37E-4	-1.71E-4	-6.42E-4
	CC10	0.0562	0.7141	-0.3345	1.63E-4	-2.13E-4	-2.89E-4
	CC11	-0.2731	0.8732	-0.4406	-1.26E-4	-3.63E-5	-1.71E-4
	CC12	-0.2438	0.9593	-0.3941	-1.00E-4	-7.84E-5	1.82E-4
	CC13	0.2094	-0.9100	0.2619	-7.26E-5	-7.33E-4	-1.82E-4
	CC14	0.2387	-0.8239	0.3084	-4.64E-5	-7.75E-4	1.71E-4

	CC15	-0.0907	-0.6649	0.2023	-3.36E-4	-5.98E-4	2.89E-4
	CC16	-0.0614	-0.5787	0.2488	-3.10E-4	-6.40E-4	6.42E-4
183	CC1	0.4157	-0.1776	-0.0849	2.35E-5	-2.45E-4	-9.65E-4
	CC2	0.4415	-0.1240	-0.0572	8.18E-5	-3.16E-4	-7.42E-4
	CC3	0.4750	-0.6394	0.1033	2.33E-4	-7.10E-4	-8.27E-4
	CC4	0.5008	-0.5859	0.1310	2.91E-4	-7.81E-4	-6.04E-4
	CC5	-0.5326	0.6350	-0.2590	-5.09E-4	4.48E-6	6.04E-4
	CC6	-0.5068	0.6886	-0.2313	-4.51E-4	-6.63E-5	8.27E-4
	CC7	-0.4733	0.1732	-0.0708	-3.00E-4	-4.61E-4	7.42E-4
	CC8	-0.4475	0.2268	-0.0432	-2.41E-4	-5.32E-4	9.65E-4
	CC9	0.0070	0.6298	-0.3735	-4.24E-4	4.06E-4	-6.42E-4
	CC10	0.0480	0.7149	-0.3296	-3.32E-4	2.94E-4	-2.89E-4
	CC11	-0.2775	0.8736	-0.4258	-5.84E-4	4.81E-4	-1.71E-4
	CC12	-0.2365	0.9587	-0.3818	-4.91E-4	3.69E-4	1.82E-4
	CC13	0.2047	-0.9095	0.2537	2.73E-4	-1.15E-3	-1.82E-4
	CC14	0.2457	-0.8245	0.2977	3.66E-4	-1.26E-3	1.71E-4
	CC15	-0.0798	-0.6658	0.2015	1.14E-4	-1.07E-3	2.89E-4
	CC16	-0.0388	-0.5807	0.2455	2.06E-4	-1.18E-3	6.42E-4
184	CC1	0.4096	-0.1600	-0.0883	-1.88E-4	-1.91E-4	-9.65E-4
	CC2	0.4369	-0.1106	-0.0625	-1.10E-4	-2.57E-4	-7.42E-4
	CC3	0.4698	-0.6244	0.0886	1.50E-4	-6.34E-4	-8.27E-4
	CC4	0.4971	-0.5751	0.1144	2.28E-4	-7.00E-4	-6.04E-4
	CC5	-0.5283	0.6229	-0.2558	-4.82E-4	-9.92E-5	6.04E-4
	CC6	-0.5011	0.6722	-0.2300	-4.04E-4	-1.65E-4	8.27E-4
	CC7	-0.4681	0.1584	-0.0789	-1.44E-4	-5.42E-4	7.42E-4
	CC8	-0.4409	0.2078	-0.0531	-6.66E-5	-6.08E-4	9.65E-4
	CC9	0.0031	0.6413	-0.3608	-7.08E-4	3.77E-4	-6.42E-4
	CC10	0.0464	0.7197	-0.3199	-5.85E-4	2.73E-4	-2.89E-4
	CC11	-0.2783	0.8762	-0.4111	-7.96E-4	4.05E-4	-1.71E-4
	CC12	-0.2350	0.9546	-0.3701	-6.73E-4	3.00E-4	1.82E-4
	CC13	0.2038	-0.9068	0.2288	4.19E-4	-1.10E-3	-1.82E-4
	CC14	0.2471	-0.8284	0.2697	5.42E-4	-1.20E-3	1.71E-4
	CC15	-0.0776	-0.6719	0.1785	3.30E-4	-1.07E-3	2.89E-4
	CC16	-0.0343	-0.5935	0.2195	4.53E-4	-1.18E-3	6.42E-4
185	CC1	0.5402	-0.1666	0.0729	2.99E-3	-7.00E-4	-9.65E-4
	CC2	0.5364	-0.1157	0.0788	2.41E-3	-6.61E-4	-7.42E-4
	CC3	0.5811	-0.6300	0.0951	-9.64E-4	-5.09E-4	-8.27E-4
	CC4	0.5773	-0.5791	0.1010	-1.55E-3	-4.70E-4	-6.04E-4
	CC5	-0.6171	0.6273	-0.2439	1.83E-3	-3.85E-4	6.04E-4
	CC6	-0.6210	0.6782	-0.2380	1.24E-3	-3.46E-4	8.27E-4
	CC7	-0.5762	0.1639	-0.2217	-2.13E-3	-1.94E-4	7.42E-4
	CC8	-0.5801	0.2148	-0.2158	-2.72E-3	-1.55E-4	9.65E-4
	CC9	0.0885	0.6370	-0.0656	7.37E-3	-8.24E-4	-6.42E-4
	CC10	0.0824	0.7179	-0.0562	6.45E-3	-7.62E-4	-2.89E-4
	CC11	-0.2587	0.8752	-0.1606	7.02E-3	-7.29E-4	-1.71E-4
	CC12	-0.2648	0.9561	-0.1513	6.10E-3	-6.67E-4	1.82E-4
	CC13	0.2249	-0.9078	0.0084	-5.82E-3	-1.88E-4	-1.82E-4
	CC14	0.2188	-0.8270	0.0177	-6.75E-3	-1.26E-4	1.71E-4
	CC15	-0.1223	-0.6697	-0.0867	-6.17E-3	-9.37E-5	2.89E-4
	CC16	-0.1284	-0.5888	-0.0773	-7.10E-3	-3.12E-5	6.42E-4
186	CC1	0.5462	-0.1908	0.1085	2.85E-3	-5.70E-4	-9.65E-4
	CC2	0.5409	-0.1341	0.1098	2.28E-3	-5.54E-4	-7.42E-4
	CC3	0.5862	-0.6507	0.1015	-9.83E-4	-5.25E-4	-8.27E-4
	CC4	0.5810	-0.5940	0.1028	-1.55E-3	-5.09E-4	-6.04E-4
	CC5	-0.6212	0.6437	-0.2230	1.79E-3	-2.59E-4	6.04E-4
	CC6	-0.6265	0.7004	-0.2218	1.22E-3	-2.42E-4	8.27E-4
	CC7	-0.5812	0.1839	-0.2300	-2.04E-3	-2.14E-4	7.42E-4
	CC8	-0.5865	0.2405	-0.2288	-2.61E-3	-1.97E-4	9.65E-4
	CC9	0.0925	0.6211	0.0003	7.12E-3	-5.19E-4	-6.42E-4
	CC10	0.0841	0.7112	0.0023	6.22E-3	-4.92E-4	-2.89E-4
	CC11	-0.2578	0.8715	-0.0992	6.81E-3	-4.25E-4	-1.71E-4
	CC12	-0.2662	0.9615	-0.0972	5.90E-3	-3.99E-4	1.82E-4
	CC13	0.2259	-0.9118	-0.0231	-5.66E-3	-3.69E-4	-1.82E-4
	CC14	0.2175	-0.8218	-0.0211	-6.56E-3	-3.42E-4	1.71E-4
	CC15	-0.1243	-0.6614	-0.1225	-5.98E-3	-2.75E-4	2.89E-4
	CC16	-0.1328	-0.5714	-0.1205	-6.88E-3	-2.49E-4	6.42E-4
187	CC1	0.5523	-0.2151	0.1404	2.77E-3	-4.90E-4	-9.65E-4
	CC2	0.5455	-0.1526	0.1378	2.21E-3	-4.96E-4	-7.42E-4
	CC3	0.5914	-0.6714	0.1093	-9.82E-4	-5.89E-4	-8.27E-4
	CC4	0.5847	-0.6089	0.1068	-1.54E-3	-5.95E-4	-6.04E-4
	CC5	-0.6253	0.6601	-0.2063	1.76E-3	-1.27E-4	6.04E-4
	CC6	-0.6321	0.7226	-0.2089	1.20E-3	-1.33E-4	8.27E-4
	CC7	-0.5862	0.2038	-0.2374	-2.00E-3	-2.26E-4	7.42E-4

	CC8	-0.5929	0.2663	-0.2399	-2.56E-3	-2.32E-4	9.65E-4
	CC9	0.0964	0.6052	0.0560	6.96E-3	-2.45E-4	-6.42E-4
	CC10	0.0857	0.7044	0.0519	6.07E-3	-2.55E-4	-2.89E-4
	CC11	-0.2569	0.8678	-0.0480	6.66E-3	-1.37E-4	-1.71E-4
	CC12	-0.2675	0.9670	-0.0521	5.77E-3	-1.47E-4	1.82E-4
	CC13	0.2269	-0.9158	-0.0475	-5.55E-3	-5.76E-4	-1.82E-4
	CC14	0.2162	-0.8166	-0.0516	-6.44E-3	-5.86E-4	1.71E-4
	CC15	-0.1264	-0.6532	-0.1515	-5.86E-3	-4.67E-4	2.89E-4
	CC16	-0.1371	-0.5540	-0.1556	-6.75E-3	-4.77E-4	6.42E-4
188	CC1	0.5962	-0.2134	0.2768	3.06E-3	-3.65E-4	-9.65E-4
	CC2	0.5790	-0.1514	0.2453	2.39E-3	-4.08E-4	-7.42E-4
	CC3	0.6288	-0.6700	0.0524	-1.37E-3	-7.17E-4	-8.27E-4
	CC4	0.6117	-0.6079	0.0209	-2.04E-3	-7.61E-4	-6.04E-4
	CC5	-0.6549	0.6590	-0.1095	2.34E-3	9.14E-5	6.04E-4
	CC6	-0.6720	0.7211	-0.1409	1.68E-3	4.79E-5	8.27E-4
	CC7	-0.6222	0.2025	-0.3339	-2.09E-3	-2.61E-4	7.42E-4
	CC8	-0.6393	0.2645	-0.3653	-2.76E-3	-3.05E-4	9.65E-4
	CC9	0.1252	0.6063	0.4126	8.17E-3	2.19E-4	-6.42E-4
	CC10	0.0980	0.7049	0.3627	7.12E-3	1.50E-4	-2.89E-4
	CC11	-0.2501	0.8680	0.2967	7.96E-3	3.56E-4	-1.71E-4
	CC12	-0.2773	0.9666	0.2468	6.90E-3	2.87E-4	1.82E-4
	CC13	0.2342	-0.9155	-0.3353	-6.60E-3	-9.56E-4	-1.82E-4
	CC14	0.2069	-0.8169	-0.3853	-7.66E-3	-1.03E-3	1.71E-4
	CC15	-0.1412	-0.6538	-0.4512	-6.82E-3	-8.19E-4	2.89E-4
	CC16	-0.1684	-0.5552	-0.5012	-7.87E-3	-8.88E-4	6.42E-4
189	CC1	0.5766	-0.1651	0.1924	3.11E-3	-4.38E-4	-9.65E-4
	CC2	0.5641	-0.1145	0.1732	2.43E-3	-4.65E-4	-7.42E-4
	CC3	0.6122	-0.6287	0.0463	-1.44E-3	-6.94E-4	-8.27E-4
	CC4	0.5997	-0.5782	0.0270	-2.13E-3	-7.21E-4	-6.04E-4
	CC5	-0.6416	0.6264	-0.1586	2.49E-3	-3.33E-5	6.04E-4
	CC6	-0.6540	0.6769	-0.1778	1.81E-3	-6.05E-5	8.27E-4
	CC7	-0.6060	0.1627	-0.3047	-2.07E-3	-2.89E-4	7.42E-4
	CC8	-0.6185	0.2133	-0.3240	-2.75E-3	-3.17E-4	9.65E-4
	CC9	0.1124	0.6380	0.2458	8.41E-3	1.03E-5	-6.42E-4
	CC10	0.0926	0.7183	0.2152	7.33E-3	-3.28E-5	-2.89E-4
	CC11	-0.2530	0.8754	0.1405	8.23E-3	1.32E-4	-1.71E-4
	CC12	-0.2728	0.9558	0.1099	7.14E-3	8.86E-5	1.82E-4
	CC13	0.2310	-0.9076	-0.2415	-6.78E-3	-8.43E-4	-1.82E-4
	CC14	0.2112	-0.8273	-0.2720	-7.86E-3	-8.86E-4	1.71E-4
	CC15	-0.1345	-0.6701	-0.3468	-6.96E-3	-7.22E-4	2.89E-4
	CC16	-0.1543	-0.5898	-0.3773	-8.05E-3	-7.65E-4	6.42E-4
190	CC1	0.5922	-0.1866	0.2532	3.10E-3	-3.83E-4	-9.65E-4
	CC2	0.5760	-0.1309	0.2234	2.42E-3	-4.23E-4	-7.42E-4
	CC3	0.6255	-0.6471	0.0380	-1.46E-3	-7.21E-4	-8.27E-4
	CC4	0.6093	-0.5914	0.0081	-2.14E-3	-7.62E-4	-6.04E-4
	CC5	-0.6522	0.6409	-0.1174	2.48E-3	7.24E-5	6.04E-4
	CC6	-0.6684	0.6966	-0.1473	1.80E-3	3.18E-5	8.27E-4
	CC7	-0.6189	0.1804	-0.3327	-2.08E-3	-2.66E-4	7.42E-4
	CC8	-0.6351	0.2361	-0.3625	-2.77E-3	-3.07E-4	9.65E-4
	CC9	0.1226	0.6239	0.3833	8.41E-3	1.84E-4	-6.42E-4
	CC10	0.0969	0.7124	0.3360	7.32E-3	1.19E-4	-2.89E-4
	CC11	-0.2507	0.8722	0.2721	8.22E-3	3.20E-4	-1.71E-4
	CC12	-0.2764	0.9606	0.2248	7.14E-3	2.56E-4	1.82E-4
	CC13	0.2335	-0.9111	-0.3341	-6.80E-3	-9.46E-4	-1.82E-4
	CC14	0.2078	-0.8227	-0.3814	-7.89E-3	-1.01E-3	1.71E-4
	CC15	-0.1398	-0.6628	-0.4453	-6.99E-3	-8.09E-4	2.89E-4
	CC16	-0.1655	-0.5744	-0.4926	-8.07E-3	-8.74E-4	6.42E-4
191	CC1	0.6093	-0.1608	0.2985	3.14E-3	-5.14E-4	-9.65E-4
	CC2	0.5890	-0.1112	0.2550	2.44E-3	-5.35E-4	-7.42E-4
	CC3	0.6400	-0.6251	-0.0102	-1.55E-3	-7.66E-4	-8.27E-4
	CC4	0.6198	-0.5755	-0.0537	-2.25E-3	-7.87E-4	-6.04E-4
	CC5	-0.6637	0.6234	-0.0684	2.62E-3	8.17E-5	6.04E-4
	CC6	-0.6839	0.6730	-0.1118	1.92E-3	6.06E-5	8.27E-4
	CC7	-0.6329	0.1591	-0.3771	-2.07E-3	-1.70E-4	7.42E-4
	CC8	-0.6532	0.2087	-0.4206	-2.77E-3	-1.91E-4	9.65E-4
	CC9	0.1338	0.6408	0.5431	8.64E-3	-5.31E-6	-6.42E-4
	CC10	0.1016	0.7195	0.4740	7.53E-3	-3.87E-5	-2.89E-4
	CC11	-0.2481	0.8761	0.4330	8.48E-3	1.73E-4	-1.71E-4
	CC12	-0.2802	0.9548	0.3640	7.37E-3	1.40E-4	1.82E-4
	CC13	0.2363	-0.9069	-0.4860	-7.00E-3	-8.45E-4	-1.82E-4
	CC14	0.2041	-0.8282	-0.5551	-8.11E-3	-8.79E-4	1.71E-4
	CC15	-0.1456	-0.6716	-0.5961	-7.15E-3	-6.67E-4	2.89E-4
	CC16	-0.1778	-0.5929	-0.6652	-8.26E-3	-7.00E-4	6.42E-4

192	CC1	0.4849	-0.2172	-0.0156	1.49E-3	-5.99E-4	-9.65E-4
	CC2	0.4942	-0.1542	0.0102	1.28E-3	-5.92E-4	-7.42E-4
	CC3	0.5340	-0.6732	0.1476	-7.14E-5	-5.81E-4	-8.27E-4
	CC4	0.5432	-0.6102	0.1734	-2.87E-4	-5.74E-4	-6.04E-4
	CC5	-0.5801	0.6617	-0.2786	2.70E-4	-1.92E-4	6.04E-4
	CC6	-0.5709	0.7247	-0.2528	5.35E-5	-1.85E-4	8.27E-4
	CC7	-0.5311	0.2058	-0.1154	-1.30E-3	-1.73E-4	7.42E-4
	CC8	-0.5219	0.2687	-0.0896	-1.51E-3	-1.67E-4	9.65E-4
	CC9	0.0522	0.6039	-0.3057	2.96E-3	-4.80E-4	-6.42E-4
	CC10	0.0669	0.7039	-0.2647	2.61E-3	-4.69E-4	-2.89E-4
	CC11	-0.2673	0.8676	-0.3846	2.59E-3	-3.57E-4	-1.71E-4
	CC12	-0.2526	0.9676	-0.3436	2.24E-3	-3.47E-4	1.82E-4
	CC13	0.2157	-0.9160	0.2384	-2.26E-3	-4.18E-4	-1.82E-4
	CC14	0.2304	-0.8160	0.2794	-2.61E-3	-4.08E-4	1.71E-4
	CC15	-0.1038	-0.6524	0.1595	-2.63E-3	-2.96E-4	2.89E-4
	CC16	-0.0892	-0.5523	0.2005	-2.97E-3	-2.86E-4	6.42E-4
193	CC1	0.4736	-0.1758	-0.0626	9.37E-4	-7.94E-4	-9.65E-4
	CC2	0.4855	-0.1227	-0.0340	8.60E-4	-7.67E-4	-7.42E-4
	CC3	0.5243	-0.6379	0.1206	2.52E-4	-6.08E-4	-8.27E-4
	CC4	0.5362	-0.5848	0.1492	1.75E-4	-5.81E-4	-6.04E-4
	CC5	-0.5726	0.6337	-0.2897	-2.74E-4	-2.93E-4	6.04E-4
	CC6	-0.5607	0.6868	-0.2611	-3.51E-4	-2.66E-4	8.27E-4
	CC7	-0.5220	0.1716	-0.1064	-9.59E-4	-1.06E-4	7.42E-4
	CC8	-0.5100	0.2247	-0.0779	-1.04E-3	-7.89E-5	9.65E-4
	CC9	0.0447	0.6310	-0.3643	1.33E-3	-8.45E-4	-6.42E-4
	CC10	0.0637	0.7154	-0.3189	1.21E-3	-8.02E-4	-2.89E-4
	CC11	-0.2691	0.8738	-0.4324	9.71E-4	-6.94E-4	-1.71E-4
	CC12	-0.2502	0.9582	-0.3870	8.49E-4	-6.51E-4	1.82E-4
	CC13	0.2137	-0.9093	0.2465	-9.48E-4	-2.22E-4	-1.82E-4
	CC14	0.2326	-0.8249	0.2919	-1.07E-3	-1.79E-4	1.71E-4
	CC15	-0.1001	-0.6665	0.1784	-1.31E-3	-7.15E-5	2.89E-4
	CC16	-0.0812	-0.5821	0.2238	-1.43E-3	-2.86E-5	6.42E-4
194	CC1	0.4726	-0.1598	-0.0778	7.49E-4	-8.58E-4	-9.65E-4
	CC2	0.4847	-0.1105	-0.0486	7.11E-4	-8.25E-4	-7.42E-4
	CC3	0.5234	-0.6243	0.1097	3.25E-4	-6.13E-4	-8.27E-4
	CC4	0.5355	-0.5750	0.1388	2.87E-4	-5.80E-4	-6.04E-4
	CC5	-0.5721	0.6228	-0.2948	-4.11E-4	-3.74E-4	6.04E-4
	CC6	-0.5599	0.6721	-0.2656	-4.49E-4	-3.41E-4	8.27E-4
	CC7	-0.5212	0.1583	-0.1073	-8.36E-4	-1.29E-4	7.42E-4
	CC8	-0.5091	0.2076	-0.0781	-8.74E-4	-9.58E-5	9.65E-4
	CC9	0.0441	0.6415	-0.3810	8.50E-4	-9.85E-4	-6.42E-4
	CC10	0.0634	0.7198	-0.3348	7.89E-4	-9.32E-4	-2.89E-4
	CC11	-0.2693	0.8762	-0.4461	5.01E-4	-8.40E-4	-1.71E-4
	CC12	-0.2500	0.9545	-0.3999	4.41E-4	-7.86E-4	1.82E-4
	CC13	0.2135	-0.9067	0.2439	-5.65E-4	-1.68E-4	-1.82E-4
	CC14	0.2328	-0.8284	0.2902	-6.26E-4	-1.15E-4	1.71E-4
	CC15	-0.0999	-0.6720	0.1788	-9.13E-4	-2.27E-5	2.89E-4
	CC16	-0.0806	-0.5936	0.2251	-9.74E-4	3.06E-5	6.42E-4
195	CC1	0.8973	1.1832	-0.1156	1.39E-3	-8.77E-4	7.36E-4
	CC2	0.8499	0.8869	-0.1360	1.42E-3	-8.22E-4	7.50E-4
	CC3	0.7708	-0.8907	-0.2905	-2.01E-4	-5.65E-4	-1.06E-4
	CC4	0.7234	-1.1870	-0.3109	-1.75E-4	-5.10E-4	-9.27E-5
	CC5	-0.7393	1.2901	0.1210	8.15E-4	7.21E-4	4.31E-4
	CC6	-0.7867	0.9938	0.1006	8.40E-4	7.75E-4	4.45E-4
	CC7	-0.8658	-0.7838	-0.0539	-7.77E-4	1.03E-3	-4.11E-4
	CC8	-0.9132	-1.0801	-0.0743	-7.52E-4	1.09E-3	-3.98E-4
	CC9	0.4860	3.7275	0.1773	3.04E-3	-6.98E-4	1.61E-3
	CC10	0.4107	3.2568	0.1449	3.08E-3	-6.12E-4	1.63E-3
	CC11	-0.0050	3.7595	0.2483	2.87E-3	-2.19E-4	1.52E-3
	CC12	-0.0803	3.2889	0.2158	2.91E-3	-1.32E-4	1.54E-3
	CC13	0.0643	-3.1858	-0.4057	-2.27E-3	3.43E-4	-1.20E-3
	CC14	-0.0110	-3.6564	-0.4382	-2.23E-3	4.29E-4	-1.18E-3
	CC15	-0.4266	-3.1537	-0.3348	-2.44E-3	8.22E-4	-1.29E-3
	CC16	-0.5020	-3.6244	-0.3672	-2.40E-3	9.09E-4	-1.27E-3
196	CC1	0.8149	1.1853	-0.2281	1.24E-3	-9.90E-4	6.58E-4
	CC2	0.7995	0.8883	-0.2325	1.31E-3	-9.50E-4	6.91E-4
	CC3	0.8044	-0.8926	-0.2615	-1.37E-4	-6.96E-4	-7.25E-5
	CC4	0.7890	-1.1896	-0.2659	-7.50E-5	-6.55E-4	-3.97E-5
	CC5	-0.7968	1.2927	0.0506	6.58E-4	7.88E-4	3.48E-4
	CC6	-0.8122	0.9957	0.0461	7.20E-4	8.29E-4	3.81E-4
	CC7	-0.8073	-0.7852	0.0172	-7.24E-4	1.08E-3	-3.83E-4
	CC8	-0.8227	-1.0822	0.0127	-6.62E-4	1.12E-3	-3.50E-4
	CC9	0.2675	3.7345	-0.0903	2.63E-3	-7.23E-4	1.39E-3

	CC10	0.2431	3.2627	-0.0974	2.73E-3	-6.59E-4	1.44E-3
	CC11	-0.2160	3.7667	-0.0067	2.46E-3	-1.89E-4	1.30E-3
	CC12	-0.2404	3.2949	-0.0138	2.56E-3	-1.25E-4	1.35E-3
	CC13	0.2326	-3.1919	-0.2016	-1.97E-3	2.58E-4	-1.04E-3
	CC14	0.2081	-3.6636	-0.2086	-1.87E-3	3.23E-4	-9.91E-4
	CC15	-0.2510	-3.1596	-0.1180	-2.15E-3	7.92E-4	-1.14E-3
	CC16	-0.2754	-3.6314	-0.1250	-2.05E-3	8.56E-4	-1.08E-3
197	CC1	0.7287	1.1886	-0.3221	7.04E-4	-7.33E-4	3.72E-4
	CC2	0.7463	0.8909	-0.3149	8.62E-4	-8.05E-4	4.56E-4
	CC3	0.8395	-0.8935	-0.2390	-8.43E-5	-9.98E-4	-4.46E-5
	CC4	0.8572	-1.1911	-0.2319	7.32E-5	-1.07E-3	3.87E-5
	CC5	-0.8577	1.2946	-0.0063	4.11E-4	1.10E-3	2.17E-4
	CC6	-0.8401	0.9969	0.0009	5.69E-4	1.03E-3	3.01E-4
	CC7	-0.7469	-0.7874	0.0768	-3.77E-4	8.41E-4	-1.99E-4
	CC8	-0.7292	-1.0851	0.0839	-2.20E-4	7.69E-4	-1.16E-4
	CC9	0.0389	3.7423	-0.3105	1.47E-3	2.39E-4	7.80E-4
	CC10	0.0670	3.2695	-0.2992	1.73E-3	1.25E-4	9.12E-4
	CC11	-0.4370	3.7741	-0.2158	1.39E-3	7.91E-4	7.34E-4
	CC12	-0.4090	3.3013	-0.2045	1.64E-3	6.77E-4	8.66E-4
	CC13	0.4084	-3.1978	-0.0337	-1.15E-3	-6.41E-4	-6.10E-4
	CC14	0.4364	-3.6707	-0.0223	-9.03E-4	-7.55E-4	-4.77E-4
	CC15	-0.0675	-3.1660	0.0611	-1.24E-3	-9.00E-5	-6.56E-4
	CC16	-0.0395	-3.6388	0.0724	-9.90E-4	-2.04E-4	-5.24E-4
198	CC1	0.8743	1.0377	-0.0857	1.47E-3	-7.48E-4	7.77E-4
	CC2	0.8292	0.7828	-0.1079	1.43E-3	-6.97E-4	7.56E-4
	CC3	0.7592	-0.8405	-0.2709	-4.05E-4	-4.32E-4	-2.14E-4
	CC4	0.7141	-1.0954	-0.2931	-4.44E-4	-3.81E-4	-2.35E-4
	CC5	-0.7203	1.1932	0.0843	9.99E-4	1.05E-3	5.28E-4
	CC6	-0.7654	0.9384	0.0621	9.59E-4	1.10E-3	5.07E-4
	CC7	-0.8354	-0.6850	-0.1010	-8.76E-4	1.37E-3	-4.63E-4
	CC8	-0.8805	-0.9398	-0.1231	-9.16E-4	1.42E-3	-4.84E-4
	CC9	0.4637	3.3584	0.1964	3.50E-3	-5.02E-4	1.85E-3
	CC10	0.3920	2.9536	0.1612	3.44E-3	-4.20E-4	1.82E-3
	CC11	-0.0147	3.4051	0.2474	3.36E-3	3.82E-5	1.78E-3
	CC12	-0.0864	3.0002	0.2122	3.30E-3	1.19E-4	1.74E-3
	CC13	0.0801	-2.9023	-0.4210	-2.74E-3	5.50E-4	-1.45E-3
	CC14	0.0085	-3.3072	-0.4562	-2.81E-3	6.32E-4	-1.49E-3
	CC15	-0.3982	-2.8557	-0.3700	-2.89E-3	1.09E-3	-1.53E-3
	CC16	-0.4699	-3.2605	-0.4052	-2.95E-3	1.17E-3	-1.56E-3
199	CC1	0.7946	1.0384	-0.1950	1.26E-3	-7.16E-4	6.68E-4
	CC2	0.7796	0.7833	-0.2008	1.28E-3	-6.98E-4	6.75E-4
	CC3	0.7874	-0.8412	-0.2389	-3.13E-4	-5.22E-4	-1.66E-4
	CC4	0.7724	-1.0963	-0.2447	-2.99E-4	-5.05E-4	-1.58E-4
	CC5	-0.7716	1.1942	0.0130	8.14E-4	1.13E-3	4.31E-4
	CC6	-0.7867	0.9391	0.0072	8.28E-4	1.15E-3	4.38E-4
	CC7	-0.7788	-0.6853	-0.0309	-7.62E-4	1.32E-3	-4.03E-4
	CC8	-0.7938	-0.9404	-0.0367	-7.49E-4	1.34E-3	-3.96E-4
	CC9	0.2592	3.3608	-0.0693	2.94E-3	-3.00E-4	1.56E-3
	CC10	0.2353	2.9556	-0.0785	2.96E-3	-2.73E-4	1.57E-3
	CC11	-0.2106	3.4075	-0.0069	2.81E-3	2.54E-4	1.48E-3
	CC12	-0.2346	3.0023	-0.0161	2.83E-3	2.81E-4	1.50E-3
	CC13	0.2353	-2.9044	-0.2155	-2.31E-3	3.45E-4	-1.22E-3
	CC14	0.2114	-3.3096	-0.2248	-2.29E-3	3.72E-4	-1.21E-3
	CC15	-0.2345	-2.8576	-0.1532	-2.45E-3	8.98E-4	-1.29E-3
	CC16	-0.2584	-3.2628	-0.1624	-2.43E-3	9.26E-4	-1.28E-3
200	CC1	0.7119	1.0391	-0.2974	1.10E-3	-5.31E-4	5.82E-4
	CC2	0.7276	0.7837	-0.2884	1.15E-3	-5.82E-4	6.08E-4
	CC3	0.8164	-0.8423	-0.2087	-2.72E-4	-6.63E-4	-1.44E-4
	CC4	0.8321	-1.0977	-0.1997	-2.23E-4	-7.14E-4	-1.18E-4
	CC5	-0.8251	1.1957	-0.0531	6.98E-4	1.35E-3	3.69E-4
	CC6	-0.8094	0.9403	-0.0442	7.46E-4	1.29E-3	3.95E-4
	CC7	-0.7206	-0.6857	0.0356	-6.75E-4	1.21E-3	-3.57E-4
	CC8	-0.7049	-0.9411	0.0446	-6.27E-4	1.16E-3	-3.31E-4
	CC9	0.0474	3.3641	-0.3180	2.55E-3	2.96E-4	1.35E-3
	CC10	0.0723	2.9583	-0.3038	2.62E-3	2.15E-4	1.39E-3
	CC11	-0.4137	3.4110	-0.2447	2.43E-3	8.59E-4	1.28E-3
	CC12	-0.3888	3.0053	-0.2305	2.50E-3	7.77E-4	1.32E-3
	CC13	0.3957	-2.9073	-0.0223	-2.03E-3	-1.46E-4	-1.07E-3
	CC14	0.4206	-3.3130	-0.0081	-1.95E-3	-2.28E-4	-1.03E-3
	CC15	-0.0654	-2.8603	0.0510	-2.15E-3	4.17E-4	-1.14E-3
	CC16	-0.0405	-3.2660	0.0652	-2.07E-3	3.35E-4	-1.10E-3
201	CC1	0.8536	0.8926	-0.0587	1.43E-3	-7.12E-4	7.57E-4
	CC2	0.8106	0.6781	-0.0825	1.38E-3	-6.58E-4	7.28E-4

	CC3	0.7502	-0.7936	-0.2551	-4.58E-4	-3.62E-4	-2.42E-4
	CC4	0.7071	-1.0081	-0.2789	-5.11E-4	-3.08E-4	-2.70E-4
	CC5	-0.6971	1.1006	0.0392	1.02E-3	1.12E-3	5.40E-4
	CC6	-0.7402	0.8861	0.0154	9.67E-4	1.18E-3	5.11E-4
	CC7	-0.8006	-0.5856	-0.1572	-8.68E-4	1.47E-3	-4.59E-4
	CC8	-0.8436	-0.8001	-0.1810	-9.22E-4	1.53E-3	-4.87E-4
	CC9	0.4442	2.9958	0.2118	3.51E-3	-4.94E-4	1.85E-3
	CC10	0.3758	2.6551	0.1740	3.42E-3	-4.08E-4	1.81E-3
	CC11	-0.0210	3.0582	0.2412	3.38E-3	5.71E-5	1.79E-3
	CC12	-0.0894	2.7175	0.2034	3.30E-3	1.43E-4	1.74E-3
	CC13	0.0994	-2.6250	-0.4430	-2.79E-3	6.74E-4	-1.47E-3
	CC14	0.0310	-2.9657	-0.4808	-2.87E-3	7.60E-4	-1.52E-3
	CC15	-0.3658	-2.5626	-0.4137	-2.91E-3	1.22E-3	-1.54E-3
	CC16	-0.4342	-2.9033	-0.4515	-3.00E-3	1.31E-3	-1.59E-3
202	CC1	0.7766	0.8922	-0.1691	1.37E-3	-6.53E-4	7.25E-4
	CC2	0.7617	0.6778	-0.1756	1.33E-3	-6.41E-4	7.03E-4
	CC3	0.7732	-0.7940	-0.2205	-4.43E-4	-4.76E-4	-2.34E-4
	CC4	0.7583	-1.0085	-0.2270	-4.84E-4	-4.64E-4	-2.56E-4
	CC5	-0.7421	1.1010	-0.0343	9.79E-4	1.25E-3	5.18E-4
	CC6	-0.7569	0.8865	-0.0408	9.39E-4	1.26E-3	4.96E-4
	CC7	-0.7455	-0.5852	-0.0857	-8.34E-4	1.43E-3	-4.41E-4
	CC8	-0.7603	-0.7997	-0.0922	-8.75E-4	1.44E-3	-4.63E-4
	CC9	0.2534	2.9956	-0.0600	3.36E-3	-1.96E-4	1.78E-3
	CC10	0.2298	2.6550	-0.0703	3.30E-3	-1.78E-4	1.74E-3
	CC11	-0.2022	3.0583	-0.0195	3.24E-3	3.75E-4	1.72E-3
	CC12	-0.2258	2.7176	-0.0299	3.18E-3	3.93E-4	1.68E-3
	CC13	0.2420	-2.6251	-0.2314	-2.68E-3	3.94E-4	-1.42E-3
	CC14	0.2184	-2.9658	-0.2417	-2.75E-3	4.12E-4	-1.45E-3
	CC15	-0.2136	-2.5625	-0.1910	-2.80E-3	9.65E-4	-1.48E-3
	CC16	-0.2372	-2.9031	-0.2013	-2.87E-3	9.83E-4	-1.52E-3
203	CC1	0.6979	0.8920	-0.2768	1.30E-3	-5.27E-4	6.87E-4
	CC2	0.7116	0.6774	-0.2666	1.27E-3	-5.71E-4	6.74E-4
	CC3	0.7967	-0.7948	-0.1867	-4.20E-4	-5.93E-4	-2.22E-4
	CC4	0.8104	-1.0094	-0.1765	-4.45E-4	-6.36E-4	-2.35E-4
	CC5	-0.7882	1.1019	-0.1058	9.28E-4	1.42E-3	4.91E-4
	CC6	-0.7745	0.8873	-0.0956	9.03E-4	1.38E-3	4.78E-4
	CC7	-0.6893	-0.5849	-0.0157	-7.91E-4	1.35E-3	-4.18E-4
	CC8	-0.6756	-0.7995	-0.0055	-8.15E-4	1.31E-3	-4.31E-4
	CC9	0.0584	2.9966	-0.3251	3.18E-3	2.43E-4	1.68E-3
	CC10	0.0802	2.6557	-0.3089	3.14E-3	1.75E-4	1.66E-3
	CC11	-0.3874	3.0596	-0.2738	3.07E-3	8.27E-4	1.62E-3
	CC12	-0.3657	2.7187	-0.2576	3.03E-3	7.59E-4	1.60E-3
	CC13	0.3879	-2.6262	-0.0247	-2.55E-3	2.41E-5	-1.35E-3
	CC14	0.4097	-2.9671	-0.0085	-2.59E-3	-4.44E-5	-1.37E-3
	CC15	-0.0579	-2.5632	0.0266	-2.66E-3	6.08E-4	-1.41E-3
	CC16	-0.0362	-2.9041	0.0428	-2.70E-3	5.40E-4	-1.43E-3
204	CC1	0.8318	0.7488	-0.0304	1.49E-3	-8.12E-4	7.88E-4
	CC2	0.7911	0.5735	-0.0561	1.39E-3	-7.49E-4	7.36E-4
	CC3	0.7417	-0.7506	-0.2396	-5.77E-4	-4.04E-4	-3.05E-4
	CC4	0.7009	-0.9260	-0.2652	-6.74E-4	-3.41E-4	-3.57E-4
	CC5	-0.6744	1.0129	-0.0058	1.14E-3	1.04E-3	6.05E-4
	CC6	-0.7152	0.8376	-0.0314	1.05E-3	1.10E-3	5.53E-4
	CC7	-0.7646	-0.4866	-0.2149	-9.22E-4	1.45E-3	-4.88E-4
	CC8	-0.8054	-0.6619	-0.2406	-1.02E-3	1.51E-3	-5.39E-4
	CC9	0.4218	2.6423	0.2298	3.81E-3	-6.59E-4	2.01E-3
	CC10	0.3571	2.3637	0.1891	3.65E-3	-5.59E-4	1.93E-3
	CC11	-0.0301	2.7215	0.2372	3.70E-3	-1.04E-4	1.96E-3
	CC12	-0.0948	2.4430	0.1965	3.55E-3	-3.65E-6	1.88E-3
	CC13	0.1213	-2.3560	-0.4675	-3.08E-3	7.03E-4	-1.63E-3
	CC14	0.0565	-2.6345	-0.5082	-3.23E-3	8.03E-4	-1.71E-3
	CC15	-0.3306	-2.2768	-0.4601	-3.18E-3	1.26E-3	-1.68E-3
	CC16	-0.3953	-2.5553	-0.5008	-3.34E-3	1.36E-3	-1.77E-3
205	CC1	0.7581	0.7482	-0.1427	1.46E-3	-7.34E-4	7.75E-4
	CC2	0.7435	0.5729	-0.1498	1.37E-3	-7.17E-4	7.27E-4
	CC3	0.7591	-0.7509	-0.2022	-5.59E-4	-5.15E-4	-2.96E-4
	CC4	0.7445	-0.9261	-0.2094	-6.49E-4	-4.98E-4	-3.43E-4
	CC5	-0.7124	1.0131	-0.0822	1.13E-3	1.17E-3	5.97E-4
	CC6	-0.7270	0.8378	-0.0893	1.04E-3	1.19E-3	5.49E-4
	CC7	-0.7113	-0.4860	-0.1417	-8.95E-4	1.39E-3	-4.74E-4
	CC8	-0.7259	-0.6612	-0.1489	-9.85E-4	1.41E-3	-5.21E-4
	CC9	0.2464	2.6414	-0.0499	3.73E-3	-3.29E-4	1.98E-3
	CC10	0.2232	2.3630	-0.0613	3.59E-3	-3.01E-4	1.90E-3
	CC11	-0.1947	2.7209	-0.0318	3.63E-3	2.43E-4	1.92E-3

	CC12	-0.2179	2.4424	-0.0432	3.49E-3	2.71E-4	1.85E-3
	CC13	0.2500	-2.3555	-0.2484	-3.01E-3	4.02E-4	-1.59E-3
	CC14	0.2268	-2.6339	-0.2598	-3.15E-3	4.30E-4	-1.67E-3
	CC15	-0.1911	-2.2760	-0.2303	-3.11E-3	9.74E-4	-1.65E-3
	CC16	-0.2143	-2.5544	-0.2416	-3.26E-3	1.00E-3	-1.72E-3
206	CC1	0.6836	0.7478	-0.2541	1.44E-3	-6.24E-4	7.62E-4
	CC2	0.6953	0.5725	-0.2430	1.36E-3	-6.59E-4	7.18E-4
	CC3	0.7770	-0.7516	-0.1655	-5.43E-4	-6.31E-4	-2.87E-4
	CC4	0.7887	-0.9270	-0.1544	-6.27E-4	-6.66E-4	-3.31E-4
	CC5	-0.7508	1.0139	-0.1581	1.12E-3	1.34E-3	5.90E-4
	CC6	-0.7391	0.8385	-0.1470	1.03E-3	1.30E-3	5.46E-4
	CC7	-0.6574	-0.4855	-0.0695	-8.69E-4	1.33E-3	-4.60E-4
	CC8	-0.6457	-0.6609	-0.0584	-9.52E-4	1.29E-3	-5.04E-4
	CC9	0.0692	2.6419	-0.3271	3.67E-3	8.03E-5	1.94E-3
	CC10	0.0878	2.3633	-0.3096	3.53E-3	2.55E-5	1.87E-3
	CC11	-0.3611	2.7217	-0.2983	3.57E-3	6.68E-4	1.89E-3
	CC12	-0.3425	2.4431	-0.2808	3.44E-3	6.13E-4	1.82E-3
	CC13	0.3804	-2.3562	-0.0317	-2.95E-3	5.60E-5	-1.56E-3
	CC14	0.3990	-2.6348	-0.0142	-3.08E-3	1.17E-6	-1.63E-3
	CC15	-0.0499	-2.2764	-0.0029	-3.05E-3	6.44E-4	-1.61E-3
	CC16	-0.0313	-2.5549	0.0146	-3.18E-3	5.89E-4	-1.68E-3
207	CC1	0.8068	0.6076	0.0029	1.56E-3	-9.71E-4	8.27E-4
	CC2	0.7686	0.4699	-0.0249	1.42E-3	-9.00E-4	7.51E-4
	CC3	0.7318	-0.7122	-0.2206	-6.91E-4	-5.18E-4	-3.66E-4
	CC4	0.6936	-0.8499	-0.2484	-8.34E-4	-4.47E-4	-4.41E-4
	CC5	-0.6553	0.9312	-0.0452	1.27E-3	8.39E-4	6.73E-4
	CC6	-0.6935	0.7935	-0.0729	1.13E-3	9.10E-4	5.98E-4
	CC7	-0.7303	-0.3886	-0.2687	-9.81E-4	1.29E-3	-5.19E-4
	CC8	-0.7685	-0.5263	-0.2964	-1.12E-3	1.36E-3	-5.94E-4
	CC9	0.3938	2.3012	0.2550	4.13E-3	-8.87E-4	2.19E-3
	CC10	0.3331	2.0824	0.2109	3.91E-3	-7.75E-4	2.07E-3
	CC11	-0.0448	2.3982	0.2406	4.05E-3	-3.44E-4	2.14E-3
	CC12	-0.1055	2.1795	0.1965	3.82E-3	-2.32E-4	2.02E-3
	CC13	0.1438	-2.0981	-0.4900	-3.38E-3	6.24E-4	-1.79E-3
	CC14	0.0832	-2.3169	-0.5341	-3.61E-3	7.37E-4	-1.91E-3
	CC15	-0.2948	-2.0011	-0.5045	-3.47E-3	1.17E-3	-1.83E-3
	CC16	-0.3555	-2.2199	-0.5485	-3.69E-3	1.28E-3	-1.95E-3
208	CC1	0.7371	0.6069	-0.1115	1.56E-3	-8.84E-4	8.25E-4
	CC2	0.7228	0.4693	-0.1195	1.42E-3	-8.61E-4	7.51E-4
	CC3	0.7433	-0.7124	-0.1807	-6.76E-4	-6.32E-4	-3.57E-4
	CC4	0.7291	-0.8500	-0.1887	-8.16E-4	-6.09E-4	-4.31E-4
	CC5	-0.6857	0.9313	-0.1245	1.28E-3	9.80E-4	6.77E-4
	CC6	-0.6999	0.7937	-0.1326	1.14E-3	1.00E-3	6.03E-4
	CC7	-0.6794	-0.3880	-0.1937	-9.57E-4	1.23E-3	-5.06E-4
	CC8	-0.6936	-0.5256	-0.2017	-1.10E-3	1.25E-3	-5.80E-4
	CC9	0.2360	2.3002	-0.0330	4.11E-3	-5.31E-4	2.18E-3
	CC10	0.2134	2.0815	-0.0458	3.89E-3	-4.95E-4	2.06E-3
	CC11	-0.1908	2.3975	-0.0369	4.03E-3	2.77E-5	2.13E-3
	CC12	-0.2135	2.1788	-0.0497	3.81E-3	6.46E-5	2.01E-3
	CC13	0.2569	-2.0975	-0.2635	-3.34E-3	3.06E-4	-1.77E-3
	CC14	0.2342	-2.3162	-0.2763	-3.56E-3	3.43E-4	-1.89E-3
	CC15	-0.1699	-2.0002	-0.2675	-3.43E-3	8.66E-4	-1.81E-3
	CC16	-0.1926	-2.2189	-0.2802	-3.65E-3	9.02E-4	-1.93E-3
209	CC1	0.6672	0.6066	-0.2258	1.56E-3	-7.84E-4	8.24E-4
	CC2	0.6769	0.4689	-0.2143	1.42E-3	-8.10E-4	7.52E-4
	CC3	0.7552	-0.7131	-0.1413	-6.59E-4	-7.44E-4	-3.49E-4
	CC4	0.7649	-0.8509	-0.1298	-7.96E-4	-7.70E-4	-4.21E-4
	CC5	-0.7159	0.9322	-0.2041	1.29E-3	1.13E-3	6.80E-4
	CC6	-0.7061	0.7944	-0.1926	1.15E-3	1.11E-3	6.07E-4
	CC7	-0.6279	-0.3876	-0.1196	-9.32E-4	1.17E-3	-4.93E-4
	CC8	-0.6182	-0.5253	-0.1081	-1.07E-3	1.15E-3	-5.65E-4
	CC9	0.0776	2.3008	-0.3202	4.09E-3	-1.51E-4	2.16E-3
	CC10	0.0931	2.0820	-0.3019	3.87E-3	-1.93E-4	2.05E-3
	CC11	-0.3373	2.3984	-0.3137	4.01E-3	4.24E-4	2.12E-3
	CC12	-0.3218	2.1796	-0.2954	3.79E-3	3.82E-4	2.01E-3
	CC13	0.3708	-2.0983	-0.0386	-3.30E-3	-1.97E-5	-1.75E-3
	CC14	0.3863	-2.3172	-0.0202	-3.52E-3	-6.15E-5	-1.86E-3
	CC15	-0.0441	-2.0007	-0.0321	-3.38E-3	5.55E-4	-1.79E-3
	CC16	-0.0286	-2.2195	-0.0137	-3.60E-3	5.14E-4	-1.90E-3
210	CC1	0.7777	0.4699	0.0429	1.65E-3	-1.15E-3	8.74E-4
	CC2	0.7423	0.3680	0.0128	1.46E-3	-1.07E-3	7.73E-4
	CC3	0.7195	-0.6788	-0.1960	-8.10E-4	-6.67E-4	-4.29E-4
	CC4	0.6841	-0.7807	-0.2260	-1.00E-3	-5.90E-4	-5.30E-4

	CC5	-0.6418	0.8563	-0.0752	1.42E-3	5.67E-4	7.51E-4
	CC6	-0.6772	0.7544	-0.1052	1.23E-3	6.44E-4	6.49E-4
	CC7	-0.7000	-0.2924	-0.3140	-1.04E-3	1.05E-3	-5.52E-4
	CC8	-0.7354	-0.3943	-0.3440	-1.24E-3	1.13E-3	-6.54E-4
	CC9	0.3592	1.9752	0.2890	4.50E-3	-1.13E-3	2.38E-3
	CC10	0.3030	1.8134	0.2413	4.20E-3	-1.01E-3	2.22E-3
	CC11	-0.0667	2.0911	0.2536	4.43E-3	-6.19E-4	2.34E-3
	CC12	-0.1229	1.9293	0.2059	4.13E-3	-4.96E-4	2.18E-3
	CC13	0.1652	-1.8537	-0.5071	-3.71E-3	4.73E-4	-1.96E-3
	CC14	0.1090	-2.0155	-0.5548	-4.01E-3	5.95E-4	-2.12E-3
	CC15	-0.2607	-1.7378	-0.5425	-3.78E-3	9.87E-4	-2.00E-3
	CC16	-0.3169	-1.8996	-0.5902	-4.08E-3	1.11E-3	-2.16E-3
211	CC1	0.7126	0.4692	-0.0736	1.66E-3	-1.06E-3	8.76E-4
	CC2	0.6988	0.3674	-0.0828	1.47E-3	-1.03E-3	7.76E-4
	CC3	0.7246	-0.6790	-0.1536	-7.91E-4	-7.82E-4	-4.19E-4
	CC4	0.7108	-0.7808	-0.1627	-9.81E-4	-7.54E-4	-5.19E-4
	CC5	-0.6638	0.8564	-0.1574	1.43E-3	7.14E-4	7.56E-4
	CC6	-0.6776	0.7546	-0.1666	1.24E-3	7.43E-4	6.56E-4
	CC7	-0.6519	-0.2918	-0.2374	-1.02E-3	9.88E-4	-5.38E-4
	CC8	-0.6657	-0.3936	-0.2466	-1.21E-3	1.02E-3	-6.39E-4
	CC9	0.2210	1.9742	-0.0070	4.49E-3	-7.64E-4	2.37E-3
	CC10	0.1991	1.8125	-0.0216	4.19E-3	-7.19E-4	2.22E-3
	CC11	-0.1919	2.0904	-0.0321	4.42E-3	-2.33E-4	2.34E-3
	CC12	-0.2139	1.9287	-0.0467	4.12E-3	-1.88E-4	2.18E-3
	CC13	0.2608	-1.8531	-0.2735	-3.67E-3	1.48E-4	-1.94E-3
	CC14	0.2389	-2.0148	-0.2881	-3.97E-3	1.94E-4	-2.10E-3
	CC15	-0.1521	-1.7369	-0.2986	-3.74E-3	6.79E-4	-1.98E-3
	CC16	-0.1740	-1.8986	-0.3132	-4.04E-3	7.25E-4	-2.14E-3
212	CC1	0.6476	0.4689	-0.1903	1.66E-3	-9.62E-4	8.78E-4
	CC2	0.6555	0.3670	-0.1786	1.47E-3	-9.82E-4	7.79E-4
	CC3	0.7301	-0.6798	-0.1119	-7.73E-4	-8.94E-4	-4.09E-4
	CC4	0.7379	-0.7817	-0.1003	-9.61E-4	-9.14E-4	-5.08E-4
	CC5	-0.6856	0.8573	-0.2402	1.44E-3	8.61E-4	7.62E-4
	CC6	-0.6778	0.7554	-0.2285	1.25E-3	8.41E-4	6.63E-4
	CC7	-0.6032	-0.2914	-0.1618	-9.92E-4	9.29E-4	-5.25E-4
	CC8	-0.5953	-0.3933	-0.1502	-1.18E-3	9.10E-4	-6.24E-4
	CC9	0.0825	1.9750	-0.3026	4.48E-3	-3.98E-4	2.37E-3
	CC10	0.0950	1.8131	-0.2841	4.18E-3	-4.30E-4	2.21E-3
	CC11	-0.3174	2.0915	-0.3175	4.41E-3	1.49E-4	2.33E-3
	CC12	-0.3050	1.9297	-0.2991	4.11E-3	1.17E-4	2.18E-3
	CC13	0.3573	-1.8541	-0.0414	-3.63E-3	-1.70E-4	-1.92E-3
	CC14	0.3697	-2.0159	-0.0229	-3.93E-3	-2.02E-4	-2.08E-3
	CC15	-0.0427	-1.7376	-0.0563	-3.70E-3	3.77E-4	-1.96E-3
	CC16	-0.0302	-1.8994	-0.0379	-4.00E-3	3.45E-4	-2.11E-3
213	CC1	0.7445	0.3363	0.0894	1.75E-3	-1.30E-3	9.26E-4
	CC2	0.7121	0.2684	0.0569	1.51E-3	-1.22E-3	7.98E-4
	CC3	0.7044	-0.6511	-0.1650	-9.32E-4	-8.12E-4	-4.93E-4
	CC4	0.6720	-0.7190	-0.1975	-1.17E-3	-7.30E-4	-6.21E-4
	CC5	-0.6350	0.7889	-0.0936	1.58E-3	2.65E-4	8.34E-4
	CC6	-0.6674	0.7210	-0.1262	1.33E-3	3.48E-4	7.06E-4
	CC7	-0.6751	-0.1986	-0.3481	-1.10E-3	7.58E-4	-5.84E-4
	CC8	-0.7075	-0.2665	-0.3806	-1.35E-3	8.40E-4	-7.13E-4
	CC9	0.3179	1.6667	0.3318	4.89E-3	-1.35E-3	2.59E-3
	CC10	0.2666	1.5589	0.2801	4.51E-3	-1.22E-3	2.38E-3
	CC11	-0.0959	1.8025	0.2768	4.84E-3	-8.83E-4	2.56E-3
	CC12	-0.1473	1.6946	0.2252	4.45E-3	-7.52E-4	2.36E-3
	CC13	0.1843	-1.6248	-0.5163	-4.05E-3	2.87E-4	-2.14E-3
	CC14	0.1329	-1.7326	-0.5680	-4.44E-3	4.18E-4	-2.35E-3
	CC15	-0.2296	-1.4890	-0.5713	-4.10E-3	7.58E-4	-2.17E-3
	CC16	-0.2809	-1.5969	-0.6229	-4.49E-3	8.89E-4	-2.37E-3
214	CC1	0.6847	0.3356	-0.0291	1.75E-3	-1.21E-3	9.27E-4
	CC2	0.6715	0.2678	-0.0395	1.51E-3	-1.17E-3	8.00E-4
	CC3	0.7026	-0.6513	-0.1203	-9.08E-4	-9.31E-4	-4.80E-4
	CC4	0.6893	-0.7191	-0.1308	-1.15E-3	-8.99E-4	-6.07E-4
	CC5	-0.6480	0.7890	-0.1788	1.58E-3	4.22E-4	8.36E-4
	CC6	-0.6612	0.7211	-0.1893	1.34E-3	4.54E-4	7.10E-4
	CC7	-0.6301	-0.1979	-0.2701	-1.08E-3	6.98E-4	-5.71E-4
	CC8	-0.6434	-0.2658	-0.2806	-1.32E-3	7.30E-4	-6.98E-4
	CC9	0.2014	1.6656	0.0281	4.87E-3	-9.68E-4	2.57E-3
	CC10	0.1803	1.5579	0.0114	4.49E-3	-9.17E-4	2.37E-3
	CC11	-0.1984	1.8016	-0.0169	4.82E-3	-4.80E-4	2.55E-3
	CC12	-0.2195	1.6939	-0.0335	4.44E-3	-4.29E-4	2.35E-3
	CC13	0.2608	-1.6241	-0.2761	-4.00E-3	-4.80E-5	-2.12E-3

	CC14	0.2398	-1.7318	-0.2928	-4.38E-3	3.15E-6	-2.32E-3
	CC15	-0.1390	-1.4880	-0.3211	-4.05E-3	4.41E-4	-2.14E-3
	CC16	-0.1600	-1.5958	-0.3377	-4.43E-3	4.92E-4	-2.34E-3
215	CC1	0.6250	0.3354	-0.1476	1.75E-3	-1.12E-3	9.28E-4
	CC2	0.6309	0.2674	-0.1361	1.52E-3	-1.13E-3	8.03E-4
	CC3	0.7014	-0.6521	-0.0766	-8.83E-4	-1.04E-3	-4.67E-4
	CC4	0.7073	-0.7201	-0.0651	-1.12E-3	-1.05E-3	-5.92E-4
	CC5	-0.6610	0.7899	-0.2642	1.58E-3	5.60E-4	8.38E-4
	CC6	-0.6551	0.7220	-0.2527	1.35E-3	5.45E-4	7.13E-4
	CC7	-0.5846	-0.1976	-0.1931	-1.05E-3	6.37E-4	-5.57E-4
	CC8	-0.5787	-0.2655	-0.1817	-1.29E-3	6.22E-4	-6.82E-4
	CC9	0.0841	1.6665	-0.2746	4.84E-3	-6.14E-4	2.56E-3
	CC10	0.0934	1.5586	-0.2564	4.47E-3	-6.39E-4	2.36E-3
	CC11	-0.3017	1.8029	-0.3096	4.79E-3	-1.12E-4	2.53E-3
	CC12	-0.2924	1.6950	-0.2914	4.41E-3	-1.36E-4	2.33E-3
	CC13	0.3386	-1.6251	-0.0379	-3.95E-3	-3.59E-4	-2.09E-3
	CC14	0.3480	-1.7331	-0.0197	-4.33E-3	-3.83E-4	-2.29E-3
	CC15	-0.0471	-1.4888	-0.0729	-4.00E-3	1.44E-4	-2.12E-3
	CC16	-0.0378	-1.5967	-0.0547	-4.38E-3	1.20E-4	-2.31E-3
216	CC1	0.7081	0.2077	0.1408	1.86E-3	-1.39E-3	9.84E-4
	CC2	0.6790	0.1716	0.1057	1.56E-3	-1.31E-3	8.27E-4
	CC3	0.6868	-0.6298	-0.1287	-1.06E-3	-9.17E-4	-5.61E-4
	CC4	0.6578	-0.6658	-0.1637	-1.36E-3	-8.33E-4	-7.18E-4
	CC5	-0.6351	0.7299	-0.1003	1.76E-3	-1.98E-5	9.29E-4
	CC6	-0.6642	0.6938	-0.1354	1.46E-3	6.37E-5	7.72E-4
	CC7	-0.6564	-0.1075	-0.3698	-1.16E-3	4.54E-4	-6.16E-4
	CC8	-0.6854	-0.1436	-0.4049	-1.46E-3	5.37E-4	-7.73E-4
	CC9	0.2713	1.3780	0.3811	5.32E-3	-1.49E-3	2.81E-3
	CC10	0.2251	1.3208	0.3254	4.85E-3	-1.35E-3	2.56E-3
	CC11	-0.1316	1.5347	0.3088	5.29E-3	-1.08E-3	2.80E-3
	CC12	-0.1778	1.4774	0.2531	4.82E-3	-9.44E-4	2.55E-3
	CC13	0.2005	-1.4134	-0.5171	-4.42E-3	9.04E-5	-2.34E-3
	CC14	0.1543	-1.4707	-0.5728	-4.89E-3	2.23E-4	-2.59E-3
	CC15	-0.2025	-1.2567	-0.5895	-4.45E-3	5.02E-4	-2.35E-3
	CC16	-0.2487	-1.3140	-0.6452	-4.92E-3	6.34E-4	-2.60E-3
217	CC1	0.6543	0.2068	0.0206	1.85E-3	-1.29E-3	9.77E-4
	CC2	0.6416	0.1709	0.0087	1.56E-3	-1.26E-3	8.24E-4
	CC3	0.6777	-0.6298	-0.0818	-1.02E-3	-1.04E-3	-5.42E-4
	CC4	0.6650	-0.6657	-0.0937	-1.31E-3	-1.00E-3	-6.94E-4
	CC5	-0.6382	0.7298	-0.1884	1.73E-3	1.46E-4	9.16E-4
	CC6	-0.6509	0.6938	-0.2003	1.44E-3	1.79E-4	7.63E-4
	CC7	-0.6148	-0.1069	-0.2908	-1.14E-3	4.02E-4	-6.03E-4
	CC8	-0.6275	-0.1428	-0.3028	-1.43E-3	4.35E-4	-7.56E-4
	CC9	0.1783	1.3765	0.0704	5.24E-3	-1.10E-3	2.77E-3
	CC10	0.1582	1.3194	0.0515	4.78E-3	-1.04E-3	2.53E-3
	CC11	-0.2094	1.5334	0.0077	5.21E-3	-6.65E-4	2.75E-3
	CC12	-0.2296	1.4763	-0.0112	4.75E-3	-6.13E-4	2.51E-3
	CC13	0.2564	-1.4123	-0.2710	-4.33E-3	-2.45E-4	-2.29E-3
	CC14	0.2362	-1.4694	-0.2899	-4.79E-3	-1.92E-4	-2.53E-3
	CC15	-0.1314	-1.2554	-0.3337	-4.36E-3	1.87E-4	-2.31E-3
	CC16	-0.1515	-1.3125	-0.3526	-4.82E-3	2.40E-4	-2.55E-3
218	CC1	0.6003	0.2066	-0.0994	1.84E-3	-1.21E-3	9.72E-4
	CC2	0.6042	0.1706	-0.0883	1.56E-3	-1.22E-3	8.23E-4
	CC3	0.6695	-0.6306	-0.0363	-9.86E-4	-1.14E-3	-5.21E-4
	CC4	0.6734	-0.6666	-0.0253	-1.27E-3	-1.16E-3	-6.70E-4
	CC5	-0.6421	0.7306	-0.2757	1.71E-3	2.76E-4	9.02E-4
	CC6	-0.6382	0.6946	-0.2647	1.42E-3	2.63E-4	7.53E-4
	CC7	-0.5729	-0.1065	-0.2127	-1.12E-3	3.38E-4	-5.91E-4
	CC8	-0.5690	-0.1426	-0.2016	-1.40E-3	3.25E-4	-7.40E-4
	CC9	0.0837	1.3773	-0.2379	5.17E-3	-7.56E-4	2.73E-3
	CC10	0.0898	1.3200	-0.2203	4.72E-3	-7.77E-4	2.50E-3
	CC11	-0.2891	1.5345	-0.2907	5.13E-3	-3.11E-4	2.71E-3
	CC12	-0.2829	1.4772	-0.2732	4.68E-3	-3.32E-4	2.48E-3
	CC13	0.3142	-1.4132	-0.0278	-4.24E-3	-5.50E-4	-2.24E-3
	CC14	0.3204	-1.4705	-0.0103	-4.69E-3	-5.71E-4	-2.48E-3
	CC15	-0.0585	-1.2560	-0.0807	-4.28E-3	-1.05E-4	-2.27E-3
	CC16	-0.0524	-1.3133	-0.0632	-4.73E-3	-1.26E-4	-2.50E-3
219	CC1	0.5754	0.0832	-0.0490	1.92E-3	-1.20E-3	1.01E-3
	CC2	0.5771	0.0769	-0.0386	1.59E-3	-1.21E-3	8.42E-4
	CC3	0.6360	-0.6153	0.0061	-1.06E-3	-1.15E-3	-5.62E-4
	CC4	0.6377	-0.6216	0.0166	-1.38E-3	-1.16E-3	-7.32E-4
	CC5	-0.6283	0.6797	-0.2761	1.79E-3	2.91E-5	9.45E-4
	CC6	-0.6266	0.6734	-0.2656	1.47E-3	1.90E-5	7.75E-4

	CC7	-0.5678	-0.0188	-0.2210	-1.19E-3	7.33E-5	-6.29E-4
	CC8	-0.5661	-0.0251	-0.2105	-1.51E-3	6.32E-5	-7.99E-4
	CC9	0.0830	1.1088	-0.1958	5.44E-3	-8.16E-4	2.88E-3
	CC10	0.0857	1.0988	-0.1793	4.93E-3	-8.32E-4	2.61E-3
	CC11	-0.2781	1.2877	-0.2639	5.40E-3	-4.49E-4	2.86E-3
	CC12	-0.2754	1.2777	-0.2474	4.89E-3	-4.65E-4	2.59E-3
	CC13	0.2847	-1.2196	-0.0121	-4.48E-3	-6.69E-4	-2.37E-3
	CC14	0.2875	-1.2296	0.0044	-5.00E-3	-6.85E-4	-2.64E-3
	CC15	-0.0764	-1.0406	-0.0803	-4.52E-3	-3.01E-4	-2.39E-3
	CC16	-0.0737	-1.0507	-0.0637	-5.03E-3	-3.17E-4	-2.66E-3
220	CC1	0.5534	-0.0340	-0.0018	1.92E-3	-9.91E-4	1.02E-3
	CC2	0.5526	-0.0128	0.0082	1.59E-3	-1.02E-3	8.40E-4
	CC3	0.6027	-0.6066	0.0480	-1.04E-3	-1.13E-3	-5.52E-4
	CC4	0.6020	-0.5854	0.0581	-1.38E-3	-1.17E-3	-7.30E-4
	CC5	-0.6177	0.6377	-0.2703	1.72E-3	7.48E-6	9.09E-4
	CC6	-0.6184	0.6588	-0.2602	1.38E-3	-2.67E-5	7.31E-4
	CC7	-0.5683	0.0651	-0.2204	-1.25E-3	-1.36E-4	-6.61E-4
	CC8	-0.5690	0.0862	-0.2104	-1.59E-3	-1.70E-4	-8.39E-4
	CC9	0.0861	0.8629	-0.1568	5.42E-3	-4.64E-4	2.86E-3
	CC10	0.0849	0.8965	-0.1409	4.88E-3	-5.18E-4	2.58E-3
	CC11	-0.2652	1.0644	-0.2374	5.35E-3	-1.64E-4	2.83E-3
	CC12	-0.2664	1.0980	-0.2215	4.82E-3	-2.19E-4	2.55E-3
	CC13	0.2507	-1.0458	0.0093	-4.48E-3	-9.42E-4	-2.37E-3
	CC14	0.2495	-1.0122	0.0252	-5.01E-3	-9.97E-4	-2.65E-3
	CC15	-0.1006	-0.8443	-0.0713	-4.54E-3	-6.43E-4	-2.40E-3
	CC16	-0.1018	-0.8107	-0.0554	-5.08E-3	-6.97E-4	-2.68E-3
221	CC1	0.6706	0.0847	0.1940	1.96E-3	-1.38E-3	1.03E-3
	CC2	0.6449	0.0781	0.1563	1.60E-3	-1.30E-3	8.48E-4
	CC3	0.6685	-0.6156	-0.0897	-1.22E-3	-9.33E-4	-6.44E-4
	CC4	0.6427	-0.6222	-0.1273	-1.57E-3	-8.47E-4	-8.31E-4
	CC5	-0.6413	0.6804	-0.0966	1.97E-3	-2.44E-4	1.04E-3
	CC6	-0.6670	0.6739	-0.1342	1.62E-3	-1.59E-4	8.55E-4
	CC7	-0.6434	-0.0199	-0.3802	-1.21E-3	2.05E-4	-6.37E-4
	CC8	-0.6692	-0.0264	-0.4179	-1.56E-3	2.90E-4	-8.24E-4
	CC9	0.2216	1.1121	0.4343	5.77E-3	-1.53E-3	3.05E-3
	CC10	0.1806	1.1017	0.3744	5.21E-3	-1.40E-3	2.75E-3
	CC11	-0.1720	1.2908	0.3471	5.77E-3	-1.19E-3	3.05E-3
	CC12	-0.2129	1.2804	0.2873	5.21E-3	-1.06E-3	2.76E-3
	CC13	0.2144	-1.2221	-0.5112	-4.81E-3	-3.62E-5	-2.55E-3
	CC14	0.1735	-1.2326	-0.5710	-5.37E-3	9.94E-5	-2.84E-3
	CC15	-0.1792	-1.0434	-0.5983	-4.81E-3	3.05E-4	-2.54E-3
	CC16	-0.2201	-1.0538	-0.6582	-5.37E-3	4.41E-4	-2.84E-3
222	CC1	0.6235	0.0836	0.0723	1.95E-3	-1.26E-3	1.03E-3
	CC2	0.6113	0.0773	0.0589	1.61E-3	-1.24E-3	8.51E-4
	CC3	0.6515	-0.6150	-0.0403	-1.14E-3	-1.09E-3	-6.04E-4
	CC4	0.6393	-0.6213	-0.0536	-1.48E-3	-1.07E-3	-7.84E-4
	CC5	-0.6340	0.6795	-0.1879	1.89E-3	-4.20E-5	9.97E-4
	CC6	-0.6462	0.6732	-0.2013	1.54E-3	-1.67E-5	8.17E-4
	CC7	-0.6059	-0.0191	-0.3005	-1.21E-3	1.30E-4	-6.38E-4
	CC8	-0.6182	-0.0254	-0.3139	-1.55E-3	1.55E-4	-8.18E-4
	CC9	0.1543	1.1091	0.1165	5.63E-3	-1.04E-3	2.98E-3
	CC10	0.1348	1.0991	0.0952	5.09E-3	-1.00E-3	2.69E-3
	CC11	-0.2230	1.2878	0.0384	5.61E-3	-6.77E-4	2.97E-3
	CC12	-0.2424	1.2778	0.0172	5.07E-3	-6.37E-4	2.68E-3
	CC13	0.2477	-1.2196	-0.2587	-4.67E-3	-4.71E-4	-2.47E-3
	CC14	0.2283	-1.2296	-0.2800	-5.21E-3	-4.30E-4	-2.76E-3
	CC15	-0.1295	-1.0409	-0.3368	-4.69E-3	-1.05E-4	-2.48E-3
	CC16	-0.1489	-1.0509	-0.3580	-5.23E-3	-6.43E-5	-2.77E-3
223	CC1	0.5944	-0.0330	0.1208	2.07E-3	-1.13E-3	1.09E-3
	CC2	0.5827	-0.0122	0.1064	1.67E-3	-1.11E-3	8.82E-4
	CC3	0.6267	-0.6080	0.0019	-1.30E-3	-1.02E-3	-6.89E-4
	CC4	0.6150	-0.5872	-0.0126	-1.70E-3	-1.00E-3	-9.01E-4
	CC5	-0.6342	0.6398	-0.1828	2.10E-3	-1.18E-4	1.11E-3
	CC6	-0.6459	0.6605	-0.1972	1.70E-3	-9.56E-5	9.00E-4
	CC7	-0.6018	0.0647	-0.3017	-1.27E-3	-9.58E-6	-6.71E-4
	CC8	-0.6136	0.0855	-0.3162	-1.67E-3	1.26E-5	-8.83E-4
	CC9	0.1301	0.8673	0.1576	6.13E-3	-9.09E-4	3.24E-3
	CC10	0.1115	0.9003	0.1347	5.50E-3	-8.74E-4	2.91E-3
	CC11	-0.2384	1.0691	0.0665	6.14E-3	-6.05E-4	3.25E-3
	CC12	-0.2571	1.1021	0.0436	5.51E-3	-5.70E-4	2.91E-3
	CC13	0.2379	-1.0496	-0.2389	-5.11E-3	-5.48E-4	-2.70E-3
	CC14	0.2192	-1.0166	-0.2619	-5.74E-3	-5.13E-4	-3.04E-3
	CC15	-0.1307	-0.8478	-0.3300	-5.10E-3	-2.44E-4	-2.70E-3

	CC16	-0.1493	-0.8147	-0.3529	-5.73E-3	-2.09E-4	-3.03E-3
224	CC1	0.6349	-0.0321	0.2457	2.12E-3	-1.21E-3	1.12E-3
	CC2	0.6124	-0.0117	0.2050	1.69E-3	-1.13E-3	8.94E-4
	CC3	0.6518	-0.6092	-0.0529	-1.42E-3	-8.39E-4	-7.52E-4
	CC4	0.6294	-0.5887	-0.0936	-1.85E-3	-7.60E-4	-9.79E-4
	CC5	-0.6524	0.6413	-0.0837	2.25E-3	-3.98E-4	1.19E-3
	CC6	-0.6749	0.6617	-0.1243	1.82E-3	-3.19E-4	9.62E-4
	CC7	-0.6355	0.0642	-0.3823	-1.29E-3	-2.68E-5	-6.84E-4
	CC8	-0.6579	0.0847	-0.4229	-1.72E-3	5.18E-5	-9.11E-4
	CC9	0.1712	0.8708	0.4907	6.42E-3	-1.38E-3	3.40E-3
	CC10	0.1355	0.9033	0.4262	5.74E-3	-1.26E-3	3.04E-3
	CC11	-0.2150	1.0728	0.3919	6.46E-3	-1.14E-3	3.42E-3
	CC12	-0.2507	1.1053	0.3274	5.78E-3	-1.01E-3	3.06E-3
	CC13	0.2276	-1.0528	-0.5046	-5.38E-3	-1.45E-4	-2.85E-3
	CC14	0.1920	-1.0203	-0.5692	-6.07E-3	-1.98E-5	-3.21E-3
	CC15	-0.1585	-0.8508	-0.6034	-5.34E-3	9.88E-5	-2.83E-3
	CC16	-0.1942	-0.8183	-0.6680	-6.03E-3	2.24E-4	-3.19E-3
225	CC1	0.5053	1.6760	-0.5827	-1.95E-4	-1.96E-3	-2.44E-3
	CC2	0.6181	1.2041	-0.5769	-3.26E-4	-2.03E-3	-1.55E-3
	CC3	0.9717	-1.0943	-0.4460	-1.25E-3	-2.26E-3	8.63E-4
	CC4	1.0845	-1.5662	-0.4402	-1.38E-3	-2.33E-3	1.75E-3
	CC5	-1.0502	1.6363	-0.1798	1.96E-3	-3.63E-4	-1.75E-3
	CC6	-0.9374	1.1645	-0.1740	1.83E-3	-4.32E-4	-8.63E-4
	CC7	-0.5838	-1.1339	-0.0431	9.06E-4	-6.66E-4	1.55E-3
	CC8	-0.4710	-1.6058	-0.0373	7.74E-4	-7.35E-4	2.44E-3
	CC9	-0.6164	5.0329	-0.6029	1.82E-3	-1.03E-3	-6.30E-3
	CC10	-0.4372	4.2834	-0.5937	1.61E-3	-1.14E-3	-4.89E-3
	CC11	-1.0831	5.0210	-0.4821	2.47E-3	-5.48E-4	-6.10E-3
	CC12	-0.9039	4.2715	-0.4729	2.26E-3	-6.57E-4	-4.69E-3
	CC13	0.9382	-4.2013	-0.1472	-1.68E-3	-2.04E-3	4.69E-3
	CC14	1.1174	-4.9509	-0.1380	-1.89E-3	-2.15E-3	6.10E-3
	CC15	0.4715	-4.2132	-0.0263	-1.03E-3	-1.56E-3	4.89E-3
	CC16	0.6508	-4.9628	-0.0171	-1.24E-3	-1.67E-3	6.30E-3
226	CC1	0.5126	1.5894	-0.5118	-4.00E-4	-1.87E-3	-2.44E-3
	CC2	0.6226	1.1508	-0.5040	-5.21E-4	-1.93E-3	-1.55E-3
	CC3	0.9686	-1.0572	-0.3670	-1.36E-3	-2.17E-3	8.63E-4
	CC4	1.0786	-1.4957	-0.3592	-1.48E-3	-2.23E-3	1.75E-3
	CC5	-1.0451	1.5754	-0.1598	1.92E-3	-3.73E-4	-1.75E-3
	CC6	-0.9351	1.1368	-0.1521	1.80E-3	-4.31E-4	-8.63E-4
	CC7	-0.5891	-1.0711	-0.0150	9.60E-4	-6.67E-4	1.55E-3
	CC8	-0.4790	-1.5097	-0.0072	8.39E-4	-7.25E-4	2.44E-3
	CC9	-0.5970	4.8011	-0.5599	1.56E-3	-9.88E-4	-6.30E-3
	CC10	-0.4223	4.1044	-0.5475	1.37E-3	-1.08E-3	-4.89E-3
	CC11	-1.0643	4.7970	-0.4543	2.26E-3	-5.38E-4	-6.10E-3
	CC12	-0.8896	4.1003	-0.4419	2.06E-3	-6.30E-4	-4.69E-3
	CC13	0.9231	-4.0206	-0.0771	-1.63E-3	-1.97E-3	4.69E-3
	CC14	1.0979	-4.7173	-0.0647	-1.82E-3	-2.06E-3	6.10E-3
	CC15	0.4558	-4.0248	0.0285	-9.30E-4	-1.52E-3	4.89E-3
	CC16	0.6306	-4.7214	0.0409	-1.12E-3	-1.61E-3	6.30E-3
227	CC1	0.5218	1.5039	-0.4480	-7.25E-4	-1.69E-3	-2.44E-3
	CC2	0.6282	1.0982	-0.4386	-8.31E-4	-1.74E-3	-1.55E-3
	CC3	0.9646	-1.0205	-0.2953	-1.53E-3	-2.02E-3	8.63E-4
	CC4	1.0711	-1.4263	-0.2859	-1.64E-3	-2.08E-3	1.75E-3
	CC5	-1.0387	1.5154	-0.1392	1.89E-3	-3.17E-4	-1.75E-3
	CC6	-0.9322	1.1096	-0.1298	1.79E-3	-3.72E-4	-8.63E-4
	CC7	-0.5958	-1.0091	0.0135	1.08E-3	-6.52E-4	1.55E-3
	CC8	-0.4893	-1.4149	0.0229	9.75E-4	-7.07E-4	2.44E-3
	CC9	-0.5724	4.5726	-0.5208	1.17E-3	-8.00E-4	-6.30E-3
	CC10	-0.4032	3.9280	-0.5059	9.98E-4	-8.87E-4	-4.89E-3
	CC11	-1.0405	4.5760	-0.4281	1.95E-3	-3.89E-4	-6.10E-3
	CC12	-0.8713	3.9315	-0.4133	1.78E-3	-4.76E-4	-4.69E-3
	CC13	0.9038	-3.8424	-0.0118	-1.53E-3	-1.92E-3	4.69E-3
	CC14	1.0729	-4.4869	0.0030	-1.70E-3	-2.00E-3	6.10E-3
	CC15	0.4357	-3.8390	0.0808	-7.48E-4	-1.51E-3	4.89E-3
	CC16	0.6048	-4.4835	0.0957	-9.17E-4	-1.59E-3	6.30E-3
228	CC1	0.5320	1.4203	-0.3969	-1.29E-3	-1.40E-3	-2.44E-3
	CC2	0.6345	1.0467	-0.3858	-1.36E-3	-1.47E-3	-1.55E-3
	CC3	0.9601	-0.9847	-0.2327	-1.79E-3	-1.85E-3	8.63E-4
	CC4	1.0627	-1.3584	-0.2216	-1.86E-3	-1.92E-3	1.75E-3
	CC5	-1.0315	1.4566	-0.1217	1.85E-3	-1.79E-4	-1.75E-3
	CC6	-0.9289	1.0829	-0.1106	1.78E-3	-2.46E-4	-8.63E-4
	CC7	-0.6033	-0.9485	0.0425	1.35E-3	-6.29E-4	1.55E-3
	CC8	-0.5008	-1.3221	0.0536	1.28E-3	-6.95E-4	2.44E-3

	CC9	-0.5449	4.3488	-0.4954	4.07E-4	-4.31E-4	-6.30E-3
	CC10	-0.3820	3.7553	-0.4777	2.97E-4	-5.37E-4	-4.89E-3
	CC11	-1.0139	4.3597	-0.4129	1.35E-3	-6.40E-5	-6.10E-3
	CC12	-0.8511	3.7662	-0.3952	1.24E-3	-1.69E-4	-4.69E-3
	CC13	0.8823	-3.6680	0.0518	-1.25E-3	-1.93E-3	4.69E-3
	CC14	1.0451	-4.2615	0.0696	-1.36E-3	-2.04E-3	6.10E-3
	CC15	0.4132	-3.6572	0.1344	-3.08E-4	-1.56E-3	4.89E-3
	CC16	0.5761	-4.2507	0.1521	-4.17E-4	-1.67E-3	6.30E-3
229	CC1	0.7626	1.4400	-0.3953	1.54E-3	-1.14E-3	-2.44E-3
	CC2	0.7765	1.0588	-0.3949	1.39E-3	-1.22E-3	-1.55E-3
	CC3	0.8616	-0.9930	-0.3562	-4.52E-4	-1.63E-3	8.63E-4
	CC4	0.8756	-1.3741	-0.3558	-6.05E-4	-1.71E-3	1.75E-3
	CC5	-0.8693	1.4704	0.0411	1.42E-3	-3.82E-5	-1.75E-3
	CC6	-0.8553	1.0893	0.0414	1.26E-3	-1.18E-4	-8.63E-4
	CC7	-0.7702	-0.9626	0.0802	-5.73E-4	-5.24E-4	1.55E-3
	CC8	-0.7562	-1.3437	0.0805	-7.26E-4	-6.03E-4	2.44E-3
	CC9	0.0717	4.4013	-0.2883	3.87E-3	-1.67E-4	-6.30E-3
	CC10	0.0940	3.7958	-0.2877	3.62E-3	-2.93E-4	-4.89E-3
	CC11	-0.4178	4.4104	-0.1574	3.83E-3	1.65E-4	-6.10E-3
	CC12	-0.3956	3.8050	-0.1568	3.59E-3	3.90E-5	-4.69E-3
	CC13	0.4019	-3.7087	-0.1579	-2.77E-3	-1.79E-3	4.69E-3
	CC14	0.4241	-4.3141	-0.1574	-3.02E-3	-1.91E-3	6.10E-3
	CC15	-0.0876	-3.6996	-0.0270	-2.81E-3	-1.45E-3	4.89E-3
	CC16	-0.0654	-4.3050	-0.0265	-3.05E-3	-1.58E-3	6.30E-3
230	CC1	0.7769	1.5467	-0.4456	1.37E-3	-1.46E-3	-2.44E-3
	CC2	0.7854	1.1245	-0.4507	1.19E-3	-1.56E-3	-1.55E-3
	CC3	0.8554	-1.0388	-0.4440	-6.40E-4	-2.00E-3	8.63E-4
	CC4	0.8638	-1.4610	-0.4490	-8.22E-4	-2.10E-3	1.75E-3
	CC5	-0.8592	1.5454	0.0478	1.70E-3	-1.05E-4	-1.75E-3
	CC6	-0.8508	1.1233	0.0427	1.51E-3	-2.06E-4	-8.63E-4
	CC7	-0.7808	-1.0401	0.0494	-3.17E-4	-6.39E-4	1.55E-3
	CC8	-0.7723	-1.4622	0.0443	-4.99E-4	-7.40E-4	2.44E-3
	CC9	0.1103	4.6869	-0.2734	3.89E-3	-3.34E-4	-6.30E-3
	CC10	0.1237	4.0163	-0.2815	3.60E-3	-4.95E-4	-4.89E-3
	CC11	-0.3806	4.6865	-0.1254	3.98E-3	7.28E-5	-6.10E-3
	CC12	-0.3672	4.0159	-0.1335	3.69E-3	-8.79E-5	-4.69E-3
	CC13	0.3717	-3.9315	-0.2678	-2.82E-3	-2.11E-3	4.69E-3
	CC14	0.3852	-4.6021	-0.2759	-3.11E-3	-2.27E-3	6.10E-3
	CC15	-0.1191	-3.9318	-0.1198	-2.72E-3	-1.71E-3	4.89E-3
	CC16	-0.1057	-4.6024	-0.1279	-3.01E-3	-1.87E-3	6.30E-3
231	CC1	0.7913	1.6534	-0.5114	1.28E-3	-1.74E-3	-2.44E-3
	CC2	0.7942	1.1902	-0.5219	1.09E-3	-1.82E-3	-1.55E-3
	CC3	0.8491	-1.0846	-0.5433	-6.86E-4	-2.11E-3	8.63E-4
	CC4	0.8520	-1.5478	-0.5538	-8.70E-4	-2.19E-3	1.75E-3
	CC5	-0.8491	1.6205	0.0513	1.80E-3	-2.06E-4	-1.75E-3
	CC6	-0.8462	1.1573	0.0408	1.62E-3	-2.88E-4	-8.63E-4
	CC7	-0.7913	-1.1175	0.0194	-1.65E-4	-5.78E-4	1.55E-3
	CC8	-0.7884	-1.5808	0.0089	-3.49E-4	-6.59E-4	2.44E-3
	CC9	0.1489	4.9725	-0.2741	3.81E-3	-7.47E-4	-6.30E-3
	CC10	0.1535	4.2367	-0.2908	3.51E-3	-8.77E-4	-4.89E-3
	CC11	-0.3433	4.9627	-0.1053	3.96E-3	-2.87E-4	-6.10E-3
	CC12	-0.3387	4.2269	-0.1220	3.67E-3	-4.16E-4	-4.69E-3
	CC13	0.3416	-4.1542	-0.3805	-2.74E-3	-1.99E-3	4.69E-3
	CC14	0.3462	-4.8900	-0.3972	-3.03E-3	-2.11E-3	6.10E-3
	CC15	-0.1505	-4.1641	-0.2117	-2.59E-3	-1.52E-3	4.89E-3
	CC16	-0.1459	-4.8999	-0.2284	-2.88E-3	-1.65E-3	6.30E-3
232	CC1	0.9507	1.5467	-0.3023	2.24E-3	-2.07E-3	-2.44E-3
	CC2	0.8923	1.1245	-0.3265	1.93E-3	-2.10E-3	-1.55E-3
	CC3	0.7808	-1.0388	-0.4912	-6.71E-4	-2.04E-3	8.63E-4
	CC4	0.7224	-1.4610	-0.5153	-9.82E-4	-2.07E-3	1.75E-3
	CC5	-0.7370	1.5454	0.1848	1.95E-3	-8.34E-5	-1.75E-3
	CC6	-0.7954	1.1232	0.1607	1.64E-3	-1.16E-4	-8.63E-4
	CC7	-0.9070	-1.0401	-0.0040	-9.57E-4	-5.55E-5	1.55E-3
	CC8	-0.9653	-1.4623	-0.0282	-1.27E-3	-8.80E-5	2.44E-3
	CC9	0.5754	4.6869	0.0956	5.62E-3	-1.40E-3	-6.30E-3
	CC10	0.4827	4.0162	0.0573	5.13E-3	-1.45E-3	-4.89E-3
	CC11	0.0691	4.6865	0.2418	5.54E-3	-8.00E-4	-6.10E-3
	CC12	-0.0237	4.0159	0.2035	5.04E-3	-8.52E-4	-4.69E-3
	CC13	0.0090	-3.9315	-0.5340	-4.07E-3	-1.30E-3	4.69E-3
	CC14	-0.0837	-4.6021	-0.5723	-4.57E-3	-1.35E-3	6.10E-3
	CC15	-0.4973	-3.9319	-0.3878	-4.16E-3	-7.07E-4	4.89E-3
	CC16	-0.5901	-4.6025	-0.4261	-4.65E-3	-7.59E-4	6.30E-3
233	CC1	0.8868	1.5467	-0.3620	2.05E-3	-1.80E-3	-2.44E-3

	CC2	0.8530	1.1245	-0.3781	1.78E-3	-1.87E-3	-1.55E-3
	CC3	0.8082	-1.0388	-0.4734	-6.28E-4	-2.05E-3	8.63E-4
	CC4	0.7744	-1.4610	-0.4895	-9.02E-4	-2.12E-3	1.75E-3
	CC5	-0.7820	1.5454	0.1323	1.85E-3	-5.39E-5	-1.75E-3
	CC6	-0.8158	1.1232	0.1162	1.58E-3	-1.25E-4	-8.63E-4
	CC7	-0.8605	-1.0401	0.0208	-8.25E-4	-3.04E-4	1.55E-3
	CC8	-0.8943	-1.4623	0.0048	-1.10E-3	-3.74E-4	2.44E-3
	CC9	0.4043	4.6869	-0.0543	5.19E-3	-8.76E-4	-6.30E-3
	CC10	0.3506	4.0162	-0.0798	4.75E-3	-9.89E-4	-4.89E-3
	CC11	-0.0963	4.6865	0.0940	5.13E-3	-3.53E-4	-6.10E-3
	CC12	-0.1500	4.0159	0.0685	4.70E-3	-4.65E-4	-4.69E-3
	CC13	0.1425	-3.9315	-0.4257	-3.74E-3	-1.71E-3	4.69E-3
	CC14	0.0888	-4.6021	-0.4512	-4.18E-3	-1.82E-3	6.10E-3
	CC15	-0.3581	-3.9319	-0.2774	-3.80E-3	-1.19E-3	4.89E-3
	CC16	-0.4118	-4.6025	-0.3029	-4.24E-3	-1.30E-3	6.30E-3
234	CC1	0.8361	1.5467	-0.4046	1.80E-3	-1.62E-3	-2.44E-3
	CC2	0.8218	1.1245	-0.4151	1.56E-3	-1.71E-3	-1.55E-3
	CC3	0.8300	-1.0388	-0.4600	-5.98E-4	-2.02E-3	8.63E-4
	CC4	0.8157	-1.4610	-0.4704	-8.30E-4	-2.11E-3	1.75E-3
	CC5	-0.8176	1.5454	0.0924	1.76E-3	-7.11E-5	-1.75E-3
	CC6	-0.8319	1.1232	0.0819	1.53E-3	-1.58E-4	-8.63E-4
	CC7	-0.8237	-1.0401	0.0371	-6.32E-4	-4.69E-4	1.55E-3
	CC8	-0.8380	-1.4623	0.0266	-8.63E-4	-5.55E-4	2.44E-3
	CC9	0.2686	4.6869	-0.1631	4.65E-3	-5.91E-4	-6.30E-3
	CC10	0.2458	4.0163	-0.1797	4.28E-3	-7.28E-4	-4.89E-3
	CC11	-0.2276	4.6865	-0.0140	4.64E-3	-1.25E-4	-6.10E-3
	CC12	-0.2503	4.0159	-0.0306	4.27E-3	-2.63E-4	-4.69E-3
	CC13	0.2483	-3.9315	-0.3474	-3.34E-3	-1.92E-3	4.69E-3
	CC14	0.2256	-4.6021	-0.3641	-3.70E-3	-2.05E-3	6.10E-3
	CC15	-0.2478	-3.9318	-0.1983	-3.35E-3	-1.45E-3	4.89E-3
	CC16	-0.2705	-4.6025	-0.2150	-3.71E-3	-1.59E-3	6.30E-3
235	CC1	0.8383	1.4399	-0.3330	2.24E-3	-1.40E-3	-2.44E-3
	CC2	0.8232	1.0588	-0.3392	1.98E-3	-1.51E-3	-1.55E-3
	CC3	0.8291	-0.9930	-0.3699	-4.96E-4	-1.87E-3	8.63E-4
	CC4	0.8140	-1.3742	-0.3760	-7.62E-4	-1.98E-3	1.75E-3
	CC5	-0.8160	1.4704	0.0899	1.66E-3	2.53E-4	-1.75E-3
	CC6	-0.8312	1.0892	0.0837	1.39E-3	1.48E-4	-8.63E-4
	CC7	-0.8252	-0.9626	0.0530	-1.08E-3	-2.21E-4	1.55E-3
	CC8	-0.8403	-1.3437	0.0469	-1.35E-3	-3.26E-4	2.44E-3
	CC9	0.2744	4.4012	-0.1402	5.31E-3	-2.38E-4	-6.30E-3
	CC10	0.2504	3.7958	-0.1500	4.89E-3	-4.06E-4	-4.89E-3
	CC11	-0.2219	4.4103	-0.0133	5.14E-3	2.58E-4	-6.10E-3
	CC12	-0.2459	3.8049	-0.0231	4.71E-3	9.04E-5	-4.69E-3
	CC13	0.2439	-3.7087	-0.2631	-3.82E-3	-1.82E-3	4.69E-3
	CC14	0.2199	-4.3141	-0.2728	-4.24E-3	-1.99E-3	6.10E-3
	CC15	-0.2524	-3.6996	-0.1362	-3.99E-3	-1.32E-3	4.89E-3
	CC16	-0.2764	-4.3050	-0.1460	-4.42E-3	-1.49E-3	6.30E-3
236	CC1	0.9550	1.4400	-0.2034	2.73E-3	-2.00E-3	-2.44E-3
	CC2	0.8949	1.0588	-0.2276	2.30E-3	-1.99E-3	-1.55E-3
	CC3	0.7789	-0.9930	-0.4046	-8.98E-4	-1.73E-3	8.63E-4
	CC4	0.7188	-1.3742	-0.4287	-1.32E-3	-1.71E-3	1.75E-3
	CC5	-0.7340	1.4704	0.1879	2.20E-3	1.07E-4	-1.75E-3
	CC6	-0.7941	1.0893	0.1638	1.77E-3	1.18E-4	-8.63E-4
	CC7	-0.9101	-0.9626	-0.0133	-1.43E-3	3.84E-4	1.55E-3
	CC8	-0.9702	-1.3437	-0.0374	-1.85E-3	3.95E-4	2.44E-3
	CC9	0.5869	4.4012	0.1753	6.90E-3	-1.59E-3	-6.30E-3
	CC10	0.4916	3.7958	0.1370	6.22E-3	-1.57E-3	-4.89E-3
	CC11	0.0802	4.4104	0.2927	6.74E-3	-9.57E-4	-6.10E-3
	CC12	-0.0151	3.8049	0.2544	6.06E-3	-9.39E-4	-4.69E-3
	CC13	-0.0001	-3.7087	-0.4952	-5.19E-3	-6.68E-4	4.69E-3
	CC14	-0.0955	-4.3141	-0.5336	-5.86E-3	-6.51E-4	6.10E-3
	CC15	-0.5068	-3.6996	-0.3778	-5.34E-3	-3.54E-5	4.89E-3
	CC16	-0.6022	-4.3050	-0.4162	-6.02E-3	-1.76E-5	6.30E-3
237	CC1	0.8966	1.4399	-0.2714	2.59E-3	-1.68E-3	-2.44E-3
	CC2	0.8590	1.0588	-0.2854	2.23E-3	-1.75E-3	-1.55E-3
	CC3	0.8040	-0.9930	-0.3840	-6.78E-4	-1.90E-3	8.63E-4
	CC4	0.7664	-1.3742	-0.3979	-1.04E-3	-1.97E-3	1.75E-3
	CC5	-0.7750	1.4704	0.1347	1.94E-3	2.91E-4	-1.75E-3
	CC6	-0.8126	1.0892	0.1208	1.58E-3	2.19E-4	-8.63E-4
	CC7	-0.8677	-0.9626	0.0222	-1.33E-3	7.05E-5	1.55E-3
	CC8	-0.9052	-1.3437	0.0082	-1.69E-3	-1.54E-6	2.44E-3
	CC9	0.4307	4.4012	0.0062	6.28E-3	-7.11E-4	-6.30E-3
	CC10	0.3710	3.7958	-0.0160	5.71E-3	-8.25E-4	-4.89E-3

	CC11	-0.0708	4.4104	0.1280	6.09E-3	-1.20E-4	-6.10E-3
	CC12	-0.1305	3.8049	0.1059	5.52E-3	-2.34E-4	-4.69E-3
	CC13	0.1219	-3.7087	-0.3691	-4.62E-3	-1.45E-3	4.69E-3
	CC14	0.0622	-4.3141	-0.3912	-5.19E-3	-1.56E-3	6.10E-3
	CC15	-0.3796	-3.6996	-0.2472	-4.81E-3	-8.55E-4	4.89E-3
	CC16	-0.4393	-4.3050	-0.2694	-5.38E-3	-9.69E-4	6.30E-3
238	CC1	0.9438	1.3867	-0.1717	3.04E-3	-1.86E-3	-2.44E-3
	CC2	0.8880	1.0260	-0.1942	2.54E-3	-1.83E-3	-1.55E-3
	CC3	0.7836	-0.9701	-0.3625	-1.02E-3	-1.52E-3	8.63E-4
	CC4	0.7279	-1.3307	-0.3851	-1.52E-3	-1.49E-3	1.75E-3
	CC5	-0.7419	1.4329	0.1732	2.35E-3	2.91E-4	-1.75E-3
	CC6	-0.7977	1.0723	0.1506	1.85E-3	3.18E-4	-8.63E-4
	CC7	-0.9021	-0.9238	-0.0176	-1.71E-3	6.34E-4	1.55E-3
	CC8	-0.9578	-1.2844	-0.0402	-2.21E-3	6.61E-4	2.44E-3
	CC9	0.5570	4.2585	0.1783	7.68E-3	-1.52E-3	-6.30E-3
	CC10	0.4684	3.6856	0.1424	6.89E-3	-1.47E-3	-4.89E-3
	CC11	0.0513	4.2724	0.2817	7.48E-3	-8.70E-4	-6.10E-3
	CC12	-0.0373	3.6995	0.2459	6.68E-3	-8.27E-4	-4.69E-3
	CC13	0.0232	-3.5973	-0.4578	-5.85E-3	-3.71E-4	4.69E-3
	CC14	-0.0653	-4.1701	-0.4936	-6.65E-3	-3.28E-4	6.10E-3
	CC15	-0.4825	-3.5834	-0.3543	-6.06E-3	2.74E-4	4.89E-3
	CC16	-0.5710	-4.1562	-0.3902	-6.85E-3	3.17E-4	6.30E-3
239	CC1	0.4226	1.4186	-0.3352	-1.12E-3	-2.14E-3	-2.44E-3
	CC2	0.5672	1.0456	-0.3186	-1.29E-3	-2.18E-3	-1.55E-3
	CC3	1.0072	-0.9840	-0.1407	-2.00E-3	-2.25E-3	8.63E-4
	CC4	1.1518	-1.3569	-0.1240	-2.17E-3	-2.28E-3	1.75E-3
	CC5	-1.1083	1.4553	-0.2132	2.03E-3	-2.06E-4	-1.75E-3
	CC6	-0.9637	1.0824	-0.1966	1.85E-3	-2.43E-4	-8.63E-4
	CC7	-0.5238	-0.9472	-0.0186	1.15E-3	-3.10E-4	1.55E-3
	CC8	-0.3792	-1.3202	-0.0020	9.74E-4	-3.48E-4	2.44E-3
	CC9	-0.8378	4.3441	-0.5244	1.06E-3	-1.33E-3	-6.30E-3
	CC10	-0.6080	3.7517	-0.4980	7.81E-4	-1.39E-3	-4.89E-3
	CC11	-1.2970	4.3552	-0.4878	2.00E-3	-7.50E-4	-6.10E-3
	CC12	-1.0673	3.7627	-0.4614	1.72E-3	-8.09E-4	-4.69E-3
	CC13	1.1108	-3.6643	0.1242	-1.87E-3	-1.68E-3	4.69E-3
	CC14	1.3405	-4.2568	0.1506	-2.15E-3	-1.74E-3	6.10E-3
	CC15	0.6515	-3.6533	0.1608	-9.27E-4	-1.10E-3	4.89E-3
	CC16	0.8812	-4.2457	0.1872	-1.20E-3	-1.16E-3	6.30E-3
240	CC1	0.4146	1.5034	-0.4127	-7.31E-4	-2.18E-3	-2.44E-3
	CC2	0.5623	1.0978	-0.3969	-9.06E-4	-2.23E-3	-1.55E-3
	CC3	1.0106	-1.0203	-0.2185	-1.73E-3	-2.33E-3	8.63E-4
	CC4	1.1583	-1.4259	-0.2027	-1.91E-3	-2.37E-3	1.75E-3
	CC5	-1.1140	1.5150	-0.2307	2.05E-3	-3.44E-4	-1.75E-3
	CC6	-0.9663	1.1094	-0.2149	1.88E-3	-3.89E-4	-8.63E-4
	CC7	-0.5180	-1.0087	-0.0365	1.05E-3	-4.87E-4	1.55E-3
	CC8	-0.3703	-1.4143	-0.0206	8.80E-4	-5.32E-4	2.44E-3
	CC9	-0.8592	4.5710	-0.5803	1.46E-3	-1.36E-3	-6.30E-3
	CC10	-0.6246	3.9268	-0.5551	1.18E-3	-1.43E-3	-4.89E-3
	CC11	-1.3178	4.5745	-0.5257	2.30E-3	-8.07E-4	-6.10E-3
	CC12	-1.0832	3.9303	-0.5005	2.02E-3	-8.79E-4	-4.69E-3
	CC13	1.1275	-3.8412	0.0671	-1.87E-3	-1.84E-3	4.69E-3
	CC14	1.3621	-4.4854	0.0923	-2.15E-3	-1.91E-3	6.10E-3
	CC15	0.6689	-3.8378	0.1217	-1.04E-3	-1.28E-3	4.89E-3
	CC16	0.9035	-4.4819	0.1469	-1.31E-3	-1.36E-3	6.30E-3
241	CC1	0.4060	1.5883	-0.4903	-4.78E-4	-2.14E-3	-2.44E-3
	CC2	0.5570	1.1501	-0.4757	-6.53E-4	-2.20E-3	-1.55E-3
	CC3	1.0143	-1.0567	-0.2987	-1.55E-3	-2.36E-3	8.63E-4
	CC4	1.1653	-1.4949	-0.2841	-1.73E-3	-2.42E-3	1.75E-3
	CC5	-1.1200	1.5747	-0.2519	2.08E-3	-3.82E-4	-1.75E-3
	CC6	-0.9690	1.1365	-0.2373	1.90E-3	-4.42E-4	-8.63E-4
	CC7	-0.5118	-1.0703	-0.0604	1.00E-3	-6.04E-4	1.55E-3
	CC8	-0.3608	-1.5085	-0.0458	8.30E-4	-6.64E-4	2.44E-3
	CC9	-0.8821	4.7982	-0.6346	1.72E-3	-1.25E-3	-6.30E-3
	CC10	-0.6423	4.1022	-0.6114	1.44E-3	-1.34E-3	-4.89E-3
	CC11	-1.3399	4.7942	-0.5631	2.49E-3	-7.19E-4	-6.10E-3
	CC12	-1.1001	4.0981	-0.5399	2.21E-3	-8.14E-4	-4.69E-3
	CC13	1.1453	-4.0183	0.0039	-1.86E-3	-1.99E-3	4.69E-3
	CC14	1.3852	-4.7144	0.0271	-2.14E-3	-2.08E-3	6.10E-3
	CC15	0.6875	-4.0224	0.0754	-1.09E-3	-1.46E-3	4.89E-3
	CC16	0.9273	-4.7184	0.0986	-1.37E-3	-1.56E-3	6.30E-3
242	CC1	0.3981	1.6734	-0.5675	-3.39E-4	-2.11E-3	-2.44E-3
	CC2	0.5521	1.2025	-0.5547	-5.08E-4	-2.19E-3	-1.55E-3
	CC3	1.0177	-1.0932	-0.3811	-1.43E-3	-2.38E-3	8.63E-4

	CC4	1.1717	-1.5641	-0.3683	-1.60E-3	-2.46E-3	1.75E-3
	CC5	-1.1256	1.6345	-0.2733	2.08E-3	-3.79E-4	-1.75E-3
	CC6	-0.9716	1.1636	-0.2605	1.91E-3	-4.50E-4	-8.63E-4
	CC7	-0.5060	-1.1321	-0.0869	9.94E-4	-6.49E-4	1.55E-3
	CC8	-0.3519	-1.6030	-0.0741	8.26E-4	-7.20E-4	2.44E-3
	CC9	-0.9034	5.0261	-0.6857	1.83E-3	-1.17E-3	-6.30E-3
	CC10	-0.6587	4.2780	-0.6654	1.56E-3	-1.29E-3	-4.89E-3
	CC11	-1.3605	5.0144	-0.5974	2.56E-3	-6.51E-4	-6.10E-3
	CC12	-1.1158	4.2664	-0.5771	2.29E-3	-7.64E-4	-4.69E-3
	CC13	1.1620	-4.1960	-0.0644	-1.80E-3	-2.07E-3	4.69E-3
	CC14	1.4067	-4.9440	-0.0441	-2.07E-3	-2.18E-3	6.10E-3
	CC15	0.7048	-4.2076	0.0238	-1.07E-3	-1.55E-3	4.89E-3
	CC16	0.9496	-4.9556	0.0442	-1.34E-3	-1.66E-3	6.30E-3
243	CC1	0.2919	1.6703	-0.5502	-2.76E-4	-2.19E-3	-2.44E-3
	CC2	0.4868	1.2006	-0.5285	-4.90E-4	-2.28E-3	-1.55E-3
	CC3	1.0632	-1.0919	-0.3097	-1.53E-3	-2.50E-3	8.63E-4
	CC4	1.2581	-1.5616	-0.2880	-1.74E-3	-2.58E-3	1.75E-3
	CC5	-1.2003	1.6324	-0.3711	2.19E-3	-3.70E-4	-1.75E-3
	CC6	-1.0054	1.1626	-0.3494	1.98E-3	-4.56E-4	-8.63E-4
	CC7	-0.4289	-1.1299	-0.1306	9.40E-4	-6.71E-4	1.55E-3
	CC8	-0.2341	-1.5996	-0.1089	7.27E-4	-7.57E-4	2.44E-3
	CC9	-1.1876	5.0178	-0.7745	2.11E-3	-1.18E-3	-6.30E-3
	CC10	-0.8780	4.2717	-0.7400	1.77E-3	-1.32E-3	-4.89E-3
	CC11	-1.6353	5.0065	-0.7207	2.85E-3	-6.33E-4	-6.10E-3
	CC12	-1.3257	4.2603	-0.6862	2.51E-3	-7.68E-4	-4.69E-3
	CC13	1.3835	-4.1895	0.0272	-2.06E-3	-2.18E-3	4.69E-3
	CC14	1.6931	-4.9357	0.0616	-2.40E-3	-2.32E-3	6.10E-3
	CC15	0.9359	-4.2009	0.0809	-1.32E-3	-1.64E-3	4.89E-3
	CC16	1.2454	-4.9471	0.1154	-1.66E-3	-1.77E-3	6.30E-3
244	CC1	0.1855	1.6624	-0.5323	-1.72E-4	-2.19E-3	-2.44E-3
	CC2	0.4213	1.1958	-0.4997	-4.17E-4	-2.29E-3	-1.55E-3
	CC3	1.1089	-1.0885	-0.2297	-1.56E-3	-2.56E-3	8.63E-4
	CC4	1.3446	-1.5552	-0.1971	-1.81E-3	-2.67E-3	1.75E-3
	CC5	-1.2751	1.6268	-0.4722	2.25E-3	-3.47E-4	-1.75E-3
	CC6	-1.0393	1.1601	-0.4396	2.00E-3	-4.52E-4	-8.63E-4
	CC7	-0.3517	-1.1241	-0.1696	8.58E-4	-7.27E-4	1.55E-3
	CC8	-0.1159	-1.5908	-0.1370	6.12E-4	-8.32E-4	2.44E-3
	CC9	-1.4724	4.9967	-0.8739	2.37E-3	-1.07E-3	-6.30E-3
	CC10	-1.0979	4.2554	-0.8221	1.98E-3	-1.24E-3	-4.89E-3
	CC11	-1.9106	4.9860	-0.8559	3.10E-3	-5.17E-4	-6.10E-3
	CC12	-1.5360	4.2447	-0.8041	2.71E-3	-6.84E-4	-4.69E-3
	CC13	1.6056	-4.1731	0.1348	-2.27E-3	-2.33E-3	4.69E-3
	CC14	1.9801	-4.9144	0.1866	-2.66E-3	-2.50E-3	6.10E-3
	CC15	1.1674	-4.1837	0.1528	-1.54E-3	-1.78E-3	4.89E-3
	CC16	1.5419	-4.9251	0.2046	-1.93E-3	-1.95E-3	6.30E-3
245	CC1	0.3220	1.4161	-0.3031	-2.97E-4	-2.33E-3	-2.44E-3
	CC2	0.5053	1.0441	-0.2760	-5.86E-4	-2.41E-3	-1.55E-3
	CC3	1.0504	-0.9829	-0.0541	-1.84E-3	-2.53E-3	8.63E-4
	CC4	1.2336	-1.3549	-0.0271	-2.13E-3	-2.60E-3	1.75E-3
	CC5	-1.1791	1.4536	-0.3052	2.23E-3	-2.46E-4	-1.75E-3
	CC6	-0.9958	1.0816	-0.2782	1.94E-3	-3.20E-4	-8.63E-4
	CC7	-0.4508	-0.9454	-0.0563	6.91E-4	-4.42E-4	1.55E-3
	CC8	-0.2675	-1.3174	-0.0292	4.02E-4	-5.17E-4	2.44E-3
	CC9	-1.1070	4.3375	-0.6022	2.47E-3	-1.35E-3	-6.30E-3
	CC10	-0.8158	3.7466	-0.5593	2.01E-3	-1.47E-3	-4.89E-3
	CC11	-1.5573	4.3488	-0.6029	3.23E-3	-7.26E-4	-6.10E-3
	CC12	-1.2662	3.7579	-0.5599	2.77E-3	-8.44E-4	-4.69E-3
	CC13	1.3207	-3.6592	0.2276	-2.67E-3	-2.01E-3	4.69E-3
	CC14	1.6119	-4.2501	0.2706	-3.13E-3	-2.12E-3	6.10E-3
	CC15	0.8704	-3.6479	0.2270	-1.91E-3	-1.38E-3	4.89E-3
	CC16	1.1616	-4.2388	0.2699	-2.37E-3	-1.50E-3	6.30E-3
246	CC1	0.3109	1.4986	-0.3853	-2.61E-4	-2.28E-3	-2.44E-3
	CC2	0.4984	1.0949	-0.3596	-5.22E-4	-2.36E-3	-1.55E-3
	CC3	1.0551	-1.0183	-0.1361	-1.70E-3	-2.52E-3	8.63E-4
	CC4	1.2427	-1.4219	-0.1104	-1.97E-3	-2.60E-3	1.75E-3
	CC5	-1.1869	1.5116	-0.3265	2.23E-3	-3.19E-4	-1.75E-3
	CC6	-0.9994	1.1079	-0.3007	1.96E-3	-3.97E-4	-8.63E-4
	CC7	-0.4427	-1.0052	-0.0772	7.82E-4	-5.59E-4	1.55E-3
	CC8	-0.2551	-1.4089	-0.0515	5.20E-4	-6.37E-4	2.44E-3
	CC9	-1.1368	4.5582	-0.6631	2.37E-3	-1.29E-3	-6.30E-3
	CC10	-0.8389	3.9170	-0.6221	1.96E-3	-1.41E-3	-4.89E-3
	CC11	-1.5862	4.5621	-0.6454	3.12E-3	-7.02E-4	-6.10E-3
	CC12	-1.2882	3.9209	-0.6045	2.70E-3	-8.26E-4	-4.69E-3

	CC13	1.3440	-3.8312	0.1676	-2.44E-3	-2.09E-3	4.69E-3
	CC14	1.6419	-4.4725	0.2086	-2.86E-3	-2.21E-3	6.10E-3
	CC15	0.8946	-3.8273	0.1853	-1.70E-3	-1.50E-3	4.89E-3
	CC16	1.1926	-4.4686	0.2262	-2.11E-3	-1.63E-3	6.30E-3
247	CC1	0.2986	1.5817	-0.4657	-2.99E-4	-2.24E-3	-2.44E-3
	CC2	0.4909	1.1461	-0.4415	-5.30E-4	-2.32E-3	-1.55E-3
	CC3	1.0603	-1.0539	-0.2182	-1.61E-3	-2.51E-3	8.63E-4
	CC4	1.2526	-1.4896	-0.1939	-1.84E-3	-2.59E-3	1.75E-3
	CC5	-1.1955	1.5701	-0.3506	2.20E-3	-3.59E-4	-1.75E-3
	CC6	-1.0033	1.1344	-0.3263	1.97E-3	-4.41E-4	-8.63E-4
	CC7	-0.4338	-1.0656	-0.1030	8.93E-4	-6.29E-4	1.55E-3
	CC8	-0.2416	-1.5012	-0.0787	6.63E-4	-7.10E-4	2.44E-3
	CC9	-1.1695	4.7808	-0.7214	2.17E-3	-1.24E-3	-6.30E-3
	CC10	-0.8641	4.0887	-0.6829	1.81E-3	-1.37E-3	-4.89E-3
	CC11	-1.6178	4.7773	-0.6869	2.93E-3	-6.79E-4	-6.10E-3
	CC12	-1.3124	4.0852	-0.6484	2.56E-3	-8.08E-4	-4.69E-3
	CC13	1.3694	-4.0047	0.1039	-2.20E-3	-2.14E-3	4.69E-3
	CC14	1.6749	-4.6968	0.1424	-2.56E-3	-2.27E-3	6.10E-3
	CC15	0.9212	-4.0082	0.1384	-1.44E-3	-1.58E-3	4.89E-3
	CC16	1.2266	-4.7003	0.1770	-1.81E-3	-1.71E-3	6.30E-3
248	CC1	0.1909	1.5710	-0.4461	-1.09E-4	-2.17E-3	-2.44E-3
	CC2	0.4246	1.1395	-0.4098	-3.76E-4	-2.29E-3	-1.55E-3
	CC3	1.1065	-1.0493	-0.1313	-1.60E-3	-2.59E-3	8.63E-4
	CC4	1.3403	-1.4809	-0.0950	-1.87E-3	-2.70E-3	1.75E-3
	CC5	-1.2713	1.5625	-0.4537	2.28E-3	-3.18E-4	-1.75E-3
	CC6	-1.0376	1.1310	-0.4173	2.01E-3	-4.32E-4	-8.63E-4
	CC7	-0.3556	-1.0578	-0.1389	7.83E-4	-7.35E-4	1.55E-3
	CC8	-0.1219	-1.4894	-0.1026	5.17E-4	-8.49E-4	2.44E-3
	CC9	-1.4580	4.7521	-0.8266	2.54E-3	-1.00E-3	-6.30E-3
	CC10	-1.0867	4.0666	-0.7689	2.12E-3	-1.18E-3	-4.89E-3
	CC11	-1.8966	4.7496	-0.8289	3.26E-3	-4.47E-4	-6.10E-3
	CC12	-1.5254	4.0641	-0.7712	2.84E-3	-6.28E-4	-4.69E-3
	CC13	1.5943	-3.9824	0.2225	-2.43E-3	-2.39E-3	4.69E-3
	CC14	1.9656	-4.6679	0.2802	-2.85E-3	-2.57E-3	6.10E-3
	CC15	1.1557	-3.9849	0.2202	-1.71E-3	-1.84E-3	4.89E-3
	CC16	1.5269	-4.6704	0.2780	-2.14E-3	-2.02E-3	6.30E-3
249	CC1	0.2347	1.4097	-0.3002	2.44E-4	-1.86E-3	-2.44E-3
	CC2	0.4515	1.0402	-0.2604	-9.72E-5	-2.02E-3	-1.55E-3
	CC3	1.0878	-0.9802	0.0181	-1.65E-3	-2.52E-3	8.63E-4
	CC4	1.3046	-1.3497	0.0579	-1.99E-3	-2.68E-3	1.75E-3
	CC5	-1.2405	1.4491	-0.3927	2.36E-3	-1.13E-4	-1.75E-3
	CC6	-1.0236	1.0796	-0.3529	2.02E-3	-2.71E-4	-8.63E-4
	CC7	-0.3874	-0.9408	-0.0744	4.61E-4	-7.78E-4	1.55E-3
	CC8	-0.1705	-1.3103	-0.0346	1.20E-4	-9.36E-4	2.44E-3
	CC9	-1.3407	4.3204	-0.7157	3.29E-3	-4.24E-4	-6.30E-3
	CC10	-0.9962	3.7334	-0.6525	2.75E-3	-6.75E-4	-4.89E-3
	CC11	-1.7833	4.3323	-0.7435	3.93E-3	9.89E-5	-6.10E-3
	CC12	-1.4388	3.7452	-0.6803	3.39E-3	-1.52E-4	-4.69E-3
	CC13	1.5029	-3.6458	0.3455	-3.02E-3	-2.64E-3	4.69E-3
	CC14	1.8474	-4.2328	0.4087	-3.56E-3	-2.89E-3	6.10E-3
	CC15	1.0604	-3.6340	0.3177	-2.39E-3	-2.12E-3	4.89E-3
	CC16	1.4049	-4.2210	0.3809	-2.93E-3	-2.37E-3	6.30E-3
250	CC1	0.1994	1.4815	-0.3638	4.73E-5	-2.05E-3	-2.44E-3
	CC2	0.4298	1.0843	-0.3237	-2.52E-4	-2.19E-3	-1.55E-3
	CC3	1.1029	-1.0109	-0.0367	-1.62E-3	-2.59E-3	8.63E-4
	CC4	1.3334	-1.4080	0.0035	-1.92E-3	-2.72E-3	1.75E-3
	CC5	-1.2653	1.4996	-0.4343	2.32E-3	-2.35E-4	-1.75E-3
	CC6	-1.0349	1.1024	-0.3942	2.02E-3	-3.73E-4	-8.63E-4
	CC7	-0.3618	-0.9928	-0.1071	6.55E-4	-7.73E-4	1.55E-3
	CC8	-0.1313	-1.3899	-0.0670	3.55E-4	-9.11E-4	2.44E-3
	CC9	-1.4352	4.5124	-0.7820	2.88E-3	-7.46E-4	-6.30E-3
	CC10	-1.0692	3.8816	-0.7183	2.40E-3	-9.64E-4	-4.89E-3
	CC11	-1.8747	4.5178	-0.8031	3.56E-3	-2.02E-4	-6.10E-3
	CC12	-1.5086	3.8870	-0.7394	3.09E-3	-4.20E-4	-4.69E-3
	CC13	1.5766	-3.7955	0.3086	-2.68E-3	-2.54E-3	4.69E-3
	CC14	1.9427	-4.4263	0.3723	-3.16E-3	-2.76E-3	6.10E-3
	CC15	1.1372	-3.7901	0.2874	-2.00E-3	-2.00E-3	4.89E-3
	CC16	1.5033	-4.4209	0.3512	-2.48E-3	-2.21E-3	6.30E-3
251	CC1	0.1582	1.3942	-0.2941	9.69E-5	-1.78E-3	-2.44E-3
	CC2	0.4045	1.0307	-0.2424	-2.13E-4	-1.95E-3	-1.55E-3
	CC3	1.1205	-0.9735	0.0891	-1.63E-3	-2.53E-3	8.63E-4
	CC4	1.3668	-1.3371	0.1408	-1.94E-3	-2.71E-3	1.75E-3
	CC5	-1.2943	1.4382	-0.4699	2.33E-3	-9.83E-5	-1.75E-3

	CC6	-1.0480	1.0746	-0.4182	2.02E-3	-2.73E-4	-8.63E-4
	CC7	-0.3320	-0.9295	-0.0867	6.07E-4	-8.55E-4	1.55E-3
	CC8	-0.0857	-1.2931	-0.0350	2.97E-4	-1.03E-3	2.44E-3
	CC9	-1.5453	4.2790	-0.8179	2.98E-3	-2.56E-4	-6.30E-3
	CC10	-1.1541	3.7015	-0.7358	2.49E-3	-5.34E-4	-4.89E-3
	CC11	-1.9811	4.2922	-0.8707	3.65E-3	2.48E-4	-6.10E-3
	CC12	-1.5899	3.7147	-0.7885	3.16E-3	-3.03E-5	-4.69E-3
	CC13	1.6624	-3.6136	0.4594	-2.76E-3	-2.78E-3	4.69E-3
	CC14	2.0536	-4.1911	0.5416	-3.26E-3	-3.06E-3	6.10E-3
	CC15	1.2267	-3.6004	0.4067	-2.09E-3	-2.27E-3	4.89E-3
	CC16	1.6178	-4.1779	0.4888	-2.59E-3	-2.55E-3	6.30E-3
252	CC1	0.6490	1.4294	-0.4314	9.77E-5	-8.62E-4	-2.44E-3
	CC2	0.7065	1.0523	-0.4248	2.26E-6	-9.50E-4	-1.55E-3
	CC3	0.9100	-0.9885	-0.3120	-1.09E-3	-1.54E-3	8.63E-4
	CC4	0.9676	-1.3656	-0.3053	-1.19E-3	-1.63E-3	1.75E-3
	CC5	-0.9492	1.4630	-0.0333	1.64E-3	-1.76E-4	-1.75E-3
	CC6	-0.8916	1.0859	-0.0266	1.55E-3	-2.64E-4	-8.63E-4
	CC7	-0.6881	-0.9550	0.0861	4.53E-4	-8.58E-4	1.55E-3
	CC8	-0.6306	-1.3321	0.0928	3.58E-4	-9.45E-4	2.44E-3
	CC9	-0.2319	4.3731	-0.4334	2.05E-3	1.99E-4	-6.30E-3
	CC10	-0.1405	3.7741	-0.4228	1.90E-3	5.98E-5	-4.89E-3
	CC11	-0.7114	4.3831	-0.3140	2.52E-3	4.04E-4	-6.10E-3
	CC12	-0.6199	3.7841	-0.3033	2.36E-3	2.66E-4	-4.69E-3
	CC13	0.6383	-3.6868	-0.0353	-1.91E-3	-2.07E-3	4.69E-3
	CC14	0.7298	-4.2858	-0.0246	-2.06E-3	-2.21E-3	6.10E-3
	CC15	0.1589	-3.6767	0.0842	-1.45E-3	-1.87E-3	4.89E-3
	CC16	0.2503	-4.2757	0.0948	-1.60E-3	-2.01E-3	6.30E-3
253	CC1	0.6467	1.5200	-0.4737	1.99E-4	-1.32E-3	-2.44E-3
	CC2	0.7051	1.1081	-0.4701	1.04E-4	-1.39E-3	-1.55E-3
	CC3	0.9111	-1.0274	-0.3768	-9.77E-4	-1.84E-3	8.63E-4
	CC4	0.9696	-1.4393	-0.3732	-1.07E-3	-1.92E-3	1.75E-3
	CC5	-0.9508	1.5267	-0.0447	1.68E-3	-2.80E-4	-1.75E-3
	CC6	-0.8923	1.1147	-0.0411	1.59E-3	-3.58E-4	-8.63E-4
	CC7	-0.6864	-1.0207	0.0522	5.07E-4	-8.04E-4	1.55E-3
	CC8	-0.6279	-1.4326	0.0558	4.11E-4	-8.82E-4	2.44E-3
	CC9	-0.2382	4.6154	-0.4377	2.12E-3	-3.18E-4	-6.30E-3
	CC10	-0.1453	3.9611	-0.4320	1.97E-3	-4.42E-4	-4.89E-3
	CC11	-0.7174	4.6174	-0.3090	2.56E-3	-7.15E-6	-6.10E-3
	CC12	-0.6245	3.9631	-0.3033	2.41E-3	-1.32E-4	-4.69E-3
	CC13	0.6433	-3.8757	-0.1146	-1.80E-3	-2.07E-3	4.69E-3
	CC14	0.7362	-4.5300	-0.1089	-1.95E-3	-2.19E-3	6.10E-3
	CC15	0.1641	-3.8737	0.0141	-1.36E-3	-1.76E-3	4.89E-3
	CC16	0.2570	-4.5280	0.0198	-1.51E-3	-1.88E-3	6.30E-3
254	CC1	0.6072	1.6829	-0.5890	1.84E-4	-1.83E-3	-2.44E-3
	CC2	0.6809	1.2084	-0.5890	6.19E-5	-1.90E-3	-1.55E-3
	CC3	0.9280	-1.0972	-0.5029	-1.03E-3	-2.18E-3	8.63E-4
	CC4	1.0017	-1.5718	-0.5029	-1.15E-3	-2.25E-3	1.75E-3
	CC5	-0.9785	1.6412	-0.0966	1.86E-3	-3.20E-4	-1.75E-3
	CC6	-0.9049	1.1667	-0.0966	1.74E-3	-3.93E-4	-8.63E-4
	CC7	-0.6577	-1.1389	-0.0105	6.52E-4	-6.71E-4	1.55E-3
	CC8	-0.5841	-1.6135	-0.0105	5.30E-4	-7.44E-4	2.44E-3
	CC9	-0.3437	5.0514	-0.5171	2.22E-3	-8.68E-4	-6.30E-3
	CC10	-0.2267	4.2976	-0.5171	2.03E-3	-9.84E-4	-4.89E-3
	CC11	-0.8194	5.0389	-0.3694	2.72E-3	-4.16E-4	-6.10E-3
	CC12	-0.7025	4.2851	-0.3693	2.53E-3	-5.32E-4	-4.69E-3
	CC13	0.7256	-4.2157	-0.2302	-1.81E-3	-2.04E-3	4.69E-3
	CC14	0.8426	-4.9695	-0.2301	-2.01E-3	-2.15E-3	6.10E-3
	CC15	0.2499	-4.2282	-0.0824	-1.31E-3	-1.59E-3	4.89E-3
	CC16	0.3669	-4.9820	-0.0824	-1.50E-3	-1.70E-3	6.30E-3
255	CC1	0.6447	1.6103	-0.5308	3.11E-4	-1.61E-3	-2.44E-3
	CC2	0.7039	1.1636	-0.5303	1.96E-4	-1.69E-3	-1.55E-3
	CC3	0.9120	-1.0661	-0.4522	-9.60E-4	-2.06E-3	8.63E-4
	CC4	0.9712	-1.5127	-0.4517	-1.08E-3	-2.14E-3	1.75E-3
	CC5	-0.9522	1.5901	-0.0574	1.77E-3	-2.91E-4	-1.75E-3
	CC6	-0.8929	1.1435	-0.0569	1.66E-3	-3.71E-4	-8.63E-4
	CC7	-0.6849	-1.0862	0.0212	5.03E-4	-7.37E-4	1.55E-3
	CC8	-0.6257	-1.5328	0.0217	3.88E-4	-8.18E-4	2.44E-3
	CC9	-0.2435	4.8570	-0.4570	2.34E-3	-6.06E-4	-6.30E-3
	CC10	-0.1494	4.1476	-0.4562	2.16E-3	-7.33E-4	-4.89E-3
	CC11	-0.7225	4.8510	-0.3150	2.78E-3	-2.09E-4	-6.10E-3
	CC12	-0.6284	4.1415	-0.3141	2.60E-3	-3.37E-4	-4.69E-3
	CC13	0.6475	-4.0641	-0.1950	-1.90E-3	-2.09E-3	4.69E-3
	CC14	0.7416	-4.7736	-0.1942	-2.08E-3	-2.22E-3	6.10E-3

	CC15	0.1684	-4.0702	-0.0530	-1.46E-3	-1.70E-3	4.89E-3
	CC16	0.2625	-4.7796	-0.0521	-1.64E-3	-1.83E-3	6.30E-3
256	CC1	0.7001	1.6988	-0.5844	6.77E-4	-1.78E-3	-2.44E-3
	CC2	0.7381	1.2182	-0.5901	5.38E-4	-1.85E-3	-1.55E-3
	CC3	0.8882	-1.1041	-0.5552	-8.32E-4	-2.14E-3	8.63E-4
	CC4	0.9262	-1.5847	-0.5609	-9.71E-4	-2.22E-3	1.75E-3
	CC5	-0.9132	1.6524	-0.0247	1.82E-3	-2.69E-4	-1.75E-3
	CC6	-0.8753	1.1717	-0.0304	1.68E-3	-3.46E-4	-8.63E-4
	CC7	-0.7251	-1.1505	0.0045	3.11E-4	-6.30E-4	1.55E-3
	CC8	-0.6872	-1.6312	-0.0012	1.72E-4	-7.07E-4	2.44E-3
	CC9	-0.0951	5.0941	-0.4210	2.88E-3	-8.05E-4	-6.30E-3
	CC10	-0.0349	4.3305	-0.4300	2.66E-3	-9.27E-4	-4.89E-3
	CC11	-0.5791	5.0801	-0.2530	3.22E-3	-3.53E-4	-6.10E-3
	CC12	-0.5189	4.3166	-0.2621	3.00E-3	-4.75E-4	-4.69E-3
	CC13	0.5318	-4.2489	-0.3235	-2.15E-3	-2.01E-3	4.69E-3
	CC14	0.5921	-5.0125	-0.3326	-2.37E-3	-2.13E-3	6.10E-3
	CC15	0.0478	-4.2629	-0.1556	-1.81E-3	-1.56E-3	4.89E-3
	CC16	0.1081	-5.0264	-0.1647	-2.03E-3	-1.68E-3	6.30E-3
257	CC1	0.9313	1.6534	-0.4127	1.88E-3	-1.98E-3	-2.44E-3
	CC2	0.8804	1.1902	-0.4367	1.62E-3	-2.04E-3	-1.55E-3
	CC3	0.7891	-1.0846	-0.5827	-6.39E-4	-2.13E-3	8.63E-4
	CC4	0.7381	-1.5478	-0.6067	-8.93E-4	-2.19E-3	1.75E-3
	CC5	-0.7506	1.6205	0.1629	1.89E-3	-1.75E-4	-1.75E-3
	CC6	-0.8016	1.1572	0.1389	1.63E-3	-2.32E-4	-8.63E-4
	CC7	-0.8929	-1.1176	-0.0071	-6.27E-4	-3.29E-4	1.55E-3
	CC8	-0.9438	-1.5808	-0.0311	-8.82E-4	-3.86E-4	2.44E-3
	CC9	0.5236	4.9725	-0.0058	4.89E-3	-1.15E-3	-6.30E-3
	CC10	0.4427	4.2367	-0.0439	4.48E-3	-1.24E-3	-4.89E-3
	CC11	0.0190	4.9626	0.1669	4.89E-3	-6.10E-4	-6.10E-3
	CC12	-0.0619	4.2268	0.1288	4.49E-3	-7.01E-4	-4.69E-3
	CC13	0.0494	-4.1542	-0.5725	-3.49E-3	-1.66E-3	4.69E-3
	CC14	-0.0315	-4.8900	-0.6106	-3.90E-3	-1.76E-3	6.10E-3
	CC15	-0.4552	-4.1641	-0.3998	-3.49E-3	-1.12E-3	4.89E-3
	CC16	-0.5361	-4.8999	-0.4379	-3.89E-3	-1.21E-3	6.30E-3
258	CC1	0.8646	1.6500	-0.4613	1.66E-3	-1.84E-3	-2.44E-3
	CC2	0.8393	1.1881	-0.4782	1.43E-3	-1.91E-3	-1.55E-3
	CC3	0.8177	-1.0832	-0.5611	-6.42E-4	-2.12E-3	8.63E-4
	CC4	0.7924	-1.5451	-0.5780	-8.68E-4	-2.20E-3	1.75E-3
	CC5	-0.7975	1.6181	0.1093	1.84E-3	-1.76E-4	-1.75E-3
	CC6	-0.8228	1.1562	0.0923	1.61E-3	-2.50E-4	-8.63E-4
	CC7	-0.8445	-1.1151	0.0095	-4.61E-4	-4.65E-4	1.55E-3
	CC8	-0.8698	-1.5770	-0.0074	-6.87E-4	-5.38E-4	2.44E-3
	CC9	0.3450	4.9635	-0.1402	4.47E-3	-8.97E-4	-6.30E-3
	CC10	0.3049	4.2298	-0.1671	4.12E-3	-1.01E-3	-4.89E-3
	CC11	-0.1536	4.9539	0.0310	4.53E-3	-3.99E-4	-6.10E-3
	CC12	-0.1938	4.2202	0.0041	4.17E-3	-5.16E-4	-4.69E-3
	CC13	0.1886	-4.1472	-0.4728	-3.20E-3	-1.86E-3	4.69E-3
	CC14	0.1485	-4.8809	-0.4997	-3.56E-3	-1.98E-3	6.10E-3
	CC15	-0.3100	-4.1568	-0.3016	-3.14E-3	-1.36E-3	4.89E-3
	CC16	-0.3502	-4.8905	-0.3285	-3.50E-3	-1.48E-3	6.30E-3
259	CC1	0.8307	1.6167	-0.4594	1.57E-3	-1.73E-3	-2.44E-3
	CC2	0.8184	1.1676	-0.4720	1.36E-3	-1.82E-3	-1.55E-3
	CC3	0.8323	-1.0689	-0.5211	-6.48E-4	-2.09E-3	8.63E-4
	CC4	0.8200	-1.5180	-0.5336	-8.62E-4	-2.18E-3	1.75E-3
	CC5	-0.8214	1.5947	0.0848	1.81E-3	-1.53E-4	-1.75E-3
	CC6	-0.8336	1.1456	0.0723	1.59E-3	-2.35E-4	-8.63E-4
	CC7	-0.8198	-1.0909	0.0232	-4.16E-4	-5.13E-4	1.55E-3
	CC8	-0.8320	-1.5400	0.0106	-6.30E-4	-5.95E-4	2.44E-3
	CC9	0.2542	4.8743	-0.1933	4.31E-3	-7.36E-4	-6.30E-3
	CC10	0.2347	4.1609	-0.2132	3.97E-3	-8.66E-4	-4.89E-3
	CC11	-0.2415	4.8677	-0.0300	4.38E-3	-2.62E-4	-6.10E-3
	CC12	-0.2609	4.1543	-0.0499	4.04E-3	-3.92E-4	-4.69E-3
	CC13	0.2595	-4.0776	-0.3988	-3.10E-3	-1.94E-3	4.69E-3
	CC14	0.2401	-4.7910	-0.4188	-3.44E-3	-2.07E-3	6.10E-3
	CC15	-0.2361	-4.0842	-0.2356	-3.03E-3	-1.46E-3	4.89E-3
	CC16	-0.2555	-4.7976	-0.2555	-3.37E-3	-1.59E-3	6.30E-3
260	CC1	0.8936	1.3866	-0.2393	2.95E-3	-1.49E-3	-2.44E-3
	CC2	0.8572	1.0260	-0.2506	2.50E-3	-1.54E-3	-1.55E-3
	CC3	0.8053	-0.9701	-0.3399	-8.66E-4	-1.62E-3	8.63E-4
	CC4	0.7689	-1.3307	-0.3512	-1.32E-3	-1.68E-3	1.75E-3
	CC5	-0.7771	1.4329	0.1214	2.15E-3	4.44E-4	-1.75E-3
	CC6	-0.8136	1.0723	0.1100	1.69E-3	3.92E-4	-8.63E-4
	CC7	-0.8655	-0.9238	0.0207	-1.67E-3	3.09E-4	1.55E-3

	CC8	-0.9019	-1.2844	0.0094	-2.12E-3	2.57E-4	2.44E-3
	CC9	0.4226	4.2585	0.0077	7.26E-3	-6.40E-4	-6.30E-3
	CC10	0.3648	3.6856	-0.0103	6.53E-3	-7.23E-4	-4.89E-3
	CC11	-0.0786	4.2723	0.1159	7.02E-3	-6.01E-5	-6.10E-3
	CC12	-0.1365	3.6995	0.0979	6.29E-3	-1.43E-4	-4.69E-3
	CC13	0.1282	-3.5973	-0.3278	-5.46E-3	-1.09E-3	4.69E-3
	CC14	0.0703	-4.1701	-0.3458	-6.19E-3	-1.17E-3	6.10E-3
	CC15	-0.3730	-3.5834	-0.2196	-5.70E-3	-5.10E-4	4.89E-3
	CC16	-0.4309	-4.1562	-0.2376	-6.43E-3	-5.92E-4	6.30E-3

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 26.II

Piano Reale	Vx min [cm]	Vx max [cm]	Vy min [cm]	Vy max [cm]
0	0.2490	0.3198	0.1442	0.6715
1	0.3870	0.4266	0.4001	0.8791
2	0.5110	0.6679	0.8678	1.0042
3	0.8416	2.2682	4.0260	5.2582

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 26.III

Piano Reale	Impalcati	drx [cm]	dry [cm]	h [cm]	dlim [cm]	Esito
1	0 - 1	0.1379	0.2559	70.00	0.35	Verificato
2	1 - 2	0.2413	0.4677	216.59	1.08	Verificato
3	2 - 3	1.6003	4.2540	203.48	1.02	Non Verificato

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

$PGA_{SLD} = 0.2880$

$PGA_{Rif,SLD} = 0.0984$

Indicatore di rischio = 2.9268

La verifica all'SLD 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**

PARAMETRO	SLD (63%)	DLV (10%)
a_g	0.082	0.188
F_0	2.505	2.468
T_C^*	0.288	0.326
T_D	1.928	2.352

Categoria suolo di fondazione

	SLD (63%)	DLV (10%)
S_s	1.20	1.20
T_c	0.41	0.45

Coefficiente di amplificazione topografica $St = 1.00$ **Resistenza dei materiali.**

- Calcestruzzo.

Nome	= Cls1
Resistenza a compressione (f_{cd} [daN/cm ²])	= 141.67
Resistenza a trazione (f_{ctd} [daN/cm ²])	= 11.97
Resistenza a taglio (f_{ctd} [daN/cm ²])	= 11.97
Modulo di elasticità normale (E [daN/cm ²])	= 314758.06
Modulo di elasticità tangenziale (G [daN/cm ²])	= 136851.33

- Acciaio in barre.

Nome	= Barre1
RESISTENZA (f_d [daN/cm ²])	= 3913.04
Modulo di elasticità normale (E [daN/cm ²])	= 2100000

Metodo di analisi

Orizzontale Statica Lineare

Fattore di comportamento per elementi fragili = 1.50

Fattore di comportamento per elementi duttili = 3.00

Periodo [s] Dir. X = 0.075

Periodo [s] Dir. Y = 0.159

Livelli di accelerazione al suolo per diversi SL

	PGA	Tr [anni]
Primo collasso a taglio (SLV)	0.2340 g	808
Collasso di un nodo (SLV)	0.3360 g	2475
Verifica a pressoflessione (SLV)	0.2520 g	1032
Capacità limite del terreno di fondazione (SLV)	0.2940 g	1792
Deformazione di danno (SLD)	0.2880 g	1665
Rot. risp. alla corda (SLV)	1.2000 g	2475

VARIAZIONI MASSE RIGIDEZZE			
Impalcato	Rigidezza X [%]	Rigidezza Y [%]	Masse [%]
Piano 1	38.3	19.4	1.5
Piano 2	51.4	121.3	1.3

Piano 3	71.2	97.8	11.6
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Max variazioni masse e rigidezze (par. 21F) = 121.3 %

Valori di riferimento

PGA_{SLV} = 0.2256 g

PGA_{SLD} = 0.0984 g

Tr_{SLV} = 712 anni

Tr_{SLD} = 75 anni

Indicatori di rischio

Stato Limite	Rapp. PGA	(Rapp. Tr) ^a
per la vita (α_v)	1.0372	1.0534
di inagibilità (α_{ed})	2.9268	3.5814

Riepilogo PGA

ag SLV = 0.1950g

ag SLD = 0.2400g

PGA SLV = 0.2340g

PGA SLD = 0.2880g

Tr SLV = 808 anni

Tr SLD = 1665 anni

Valori PGA differenziati per elemento.

- Pilastri

Pilastro	Asta	Imp.	Filo	PGA				Indicatore di Rischio			
				SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	16, 27	Piano 2	2	0.726g (PreFle)	Non trovato	Non eseguita	Non eseguita	3.2181	-	-	-
2	17, 28	Piano 2	3	1.068g (TaglioTors)	Non trovato	Non eseguita	Non eseguita	4.7340	-	-	-
3	18, 29, 41	Piano 3	6	0.450g (TaglioTors)	Non trovato	Non eseguita	Non eseguita	1.9947	-	-	-
4	19	Piano 1	8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
5	30	Piano 2	8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
6	42	Piano 3	8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

- Travi

Camp	Asta	Imp.	Fili	PGA				Indicatore di Rischio			
				SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	20	Piano 2	2-19	0.252g (PreFle)	Non trovato	Non eseguita	Non eseguita	1.1170	-	-	-
2	23	Piano 2	21-2	0.768g (PreFle)	Non trovato	Non eseguita	Non eseguita	3.4043	-	-	-
3	24	Piano 2	19-3	0.294g (PreFle)	Non trovato	Non eseguita	Non eseguita	1.3032	-	-	-
4	26	Piano 2	3-20	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
5	31	Piano 3	7-5	0.702g (PreFle)	Non trovato	Non eseguita	Non eseguita	3.1117	-	-	-

6	33	Piano 3	5-8	0.642g (PreFle)	Non trovato	Non eseguita	Non eseguita	2.8457	-	-	-
7	34	Piano 3	6-7	0.306g (TaglioTors)	Non trovato	Non eseguita	Non eseguita	1.3564	-	-	-
8	37	Piano 3	24-6	0.426g (TaglioTors)	Non trovato	Non eseguita	Non eseguita	1.8883	-	-	-
9	38	Piano 3	8-25	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
10	1	Fondazio ne	1-2	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
11	2	Fondazio ne	2-3	0.396g (PortFond)	Non trovato	Non eseguita	Non eseguita	1.7553	-	-	-
12	3	Fondazio ne	2-6	0.744g (PreFle)	Non trovato	Non eseguita	Non eseguita	3.2979	-	-	-
13	4	Fondazio ne	4-3	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
14	5	Fondazio ne	3-5	0.420g (PreFle)	Non trovato	Non eseguita	Non eseguita	1.8617	-	-	-
15	6	Fondazio ne	5-7	1.056g (PreFle)	Non trovato	Non eseguita	Non eseguita	4.6809	-	-	-
16	7	Fondazio ne	7-6	1.044g (PreFle)	Non trovato	Non eseguita	Non eseguita	4.6277	-	-	-
17	8	Fondazio ne	6-10	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
18	9	Fondazio ne	7-14	0.708g (PreFle)	Non trovato	Non eseguita	Non eseguita	3.1383	-	-	-
19	10	Fondazio ne	9-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
20	11	Fondazio ne	8-11	0.294g (PortFond)	Non trovato	Non eseguita	Non eseguita	1.3032	-	-	-
21	12	Fondazio ne	12-11	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
22	13	Fondazio ne	11-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
23	15	Fondazio ne	14-13	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

- Nodi Strutturali

Nodo	Imp.	Filo	PGA				Indicatore di Rischio			
			SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	Fondazio e	2	Non trovato		Non eseguita	Non eseguita	-	-	-	-
2	Fondazio e	3	Non trovato		Non eseguita	Non eseguita	-	-	-	-
3	Fondazio e	6	Non trovato		Non eseguita	Non eseguita	-	-	-	-
4	Fondazio e	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-
5	Piano 2	2	0.336g (Nodo)		Non eseguita	Non eseguita	1.4894	-	-	-
6	Piano 2	3	0.648g (Nodo)		Non eseguita	Non eseguita	2.8723	-	-	-
7	Piano 3	6	0.510g (Nodo)		Non eseguita	Non eseguita	2.2606	-	-	-
8	Piano 3	8	Non trovato		Non eseguita	Non eseguita	-	-	-	-

- Pareti

Paret e	Imp.	Fili	PGA				Indicatore di Rischio			
			SLV	SLD	SLC	SLO	SLV	SLD	SLC	SLO
1	Piano 1	5-7	0.612g (PreFle)	Non trovato	Non eseguita	Non eseguita	2.7128	-	-	-
2	Piano 1	8-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
3	Piano 1	11-14	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
4	Piano 2	7-5	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-
5	Piano 2	5-8	Non trovato	Non trovato	Non eseguita	Non eseguita	-	-	-	-

- Piastre

Piastra	Imp.	Fili	PGA		Indicatore di Rischio	
			SLV	SLC	SLV	SLC
1	Piano 1	15, 16, 8, 11, 14, 7	Non trovato	Non eseguita	-	-
2	Piano 2	14, 18, 17, 11	0.702g (TaglioTors)	Non eseguita	3.1117	-
3	Piano 2	18, 7, 5, 8, 17	0.498g (TaglioTors)	Non eseguita	2.2074	-
4	Piano 2	8, 7, 19, 3, 20	0.282g (TaglioTors)	Non eseguita	1.2500	-
5	Piano 3	20, 3, 2, 21, 23, 22	0.324g (TaglioTors)	Non eseguita	1.4362	-
6	Piano 3	21, 2, 19, 7, 6, 24	0.234g (TaglioTors)	Non eseguita	1.0372	-
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	0.240g (TaglioTors)	Non eseguita	1.0638	-

5.2 ALLEGATO B - (Scheda Sintetica NTC).

DESCRIZIONE GENERALE DELL'OPERA

Oggetto : Scale esistente

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

Cls1 - 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	-	-	-
Piano 2	-	-	-
Piano 3	-	-	-

- Analisi dei Carichi -

Carichi Permanenti - G2:

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]	Influenza Tramezzi [daN/m ²]	Tamponature [daN/m]
Fondazione	150	150	150	100	582
Piano 1	150	150	150	100	582
Piano 2	150	150	150	100	582
Piano 3	150	150	150	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)

Piano 1

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 2

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 3

Carichi Variabili - Q:

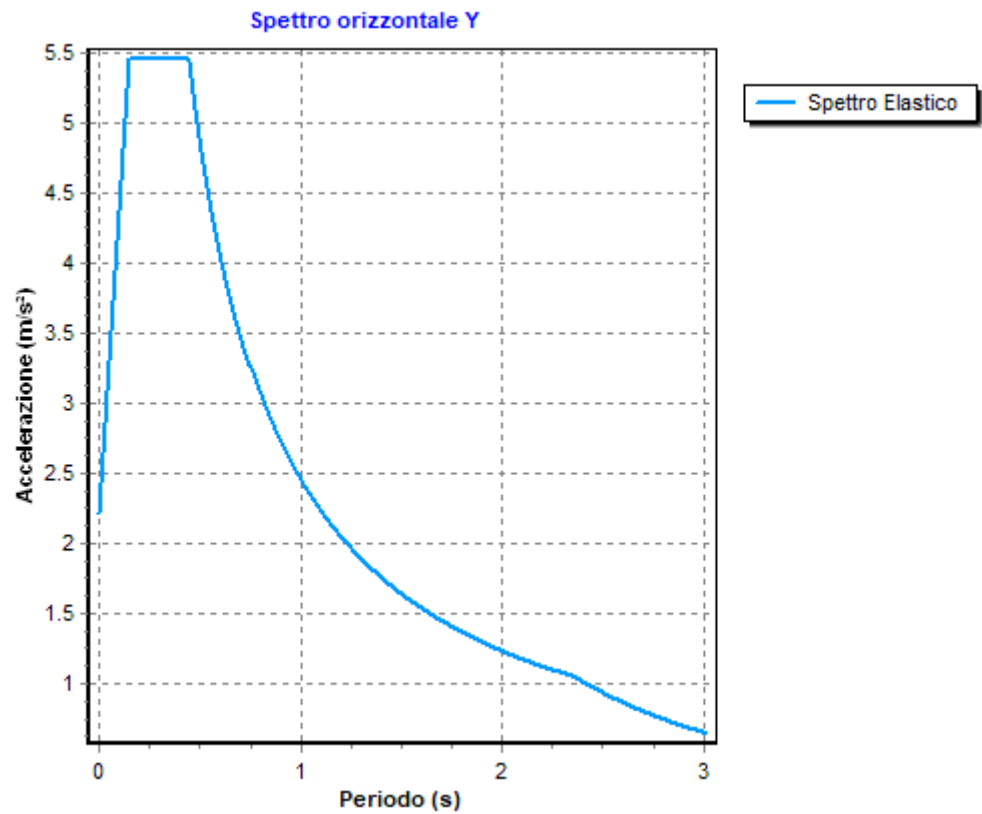
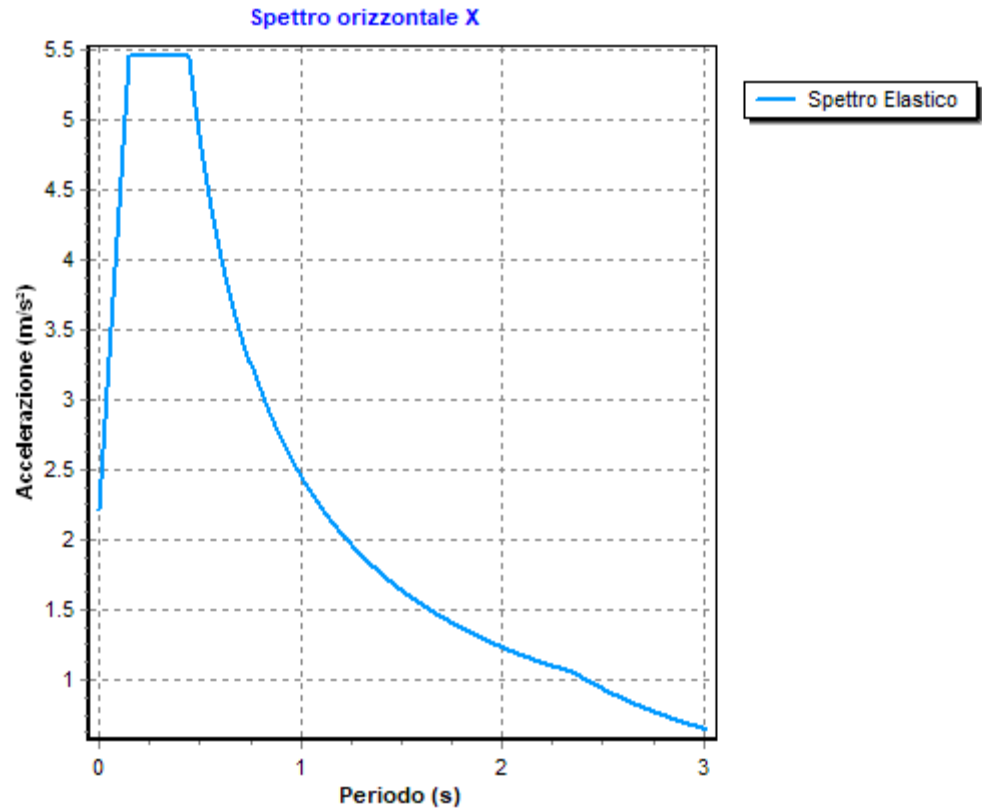
Le intensità assunte per i carichi variabili verticali ripartiti sono riportate nella seguente tabella:

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

Azione Sismica

Comune : Via del Faggio 2, 05100 Terni Terni
 Latitudine : 42.5855°
 Longitudine : 12.6153°
 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	0.188	0.232	0.082	0.067
Coefficiente Fo	2.468	2.490	2.505	2.498
Periodo T _C *	0.326	0.337	0.288	0.278
Coefficiente S _s	1.20	1.17	1.20	1.20
Coefficiente di amplificazione topografica St	1.00	1.00	1.00	1.00
Prodotto S _s · St	1.20	1.17	1.20	1.20
Periodo T _B	0.15	0.15	0.14	0.13
Periodo T _C	0.45	0.46	0.41	0.40
Periodo T _D	2.35	2.53	1.93	1.87



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

VERIFICHE SLD : ESEGUITA

Tipo verifica : Per impalcato

Valore limite drp : 0.0050

VERIFICHE SLO : NON ESEGUITE

MATERIALI

Materiale	Tipo	Classe	Normativa
Cls1	Calcestruzzo	C25/30	-
Barrel	Acciaio per C.A.	B450C	-

TIPO DI ANALISI SVOLTA:

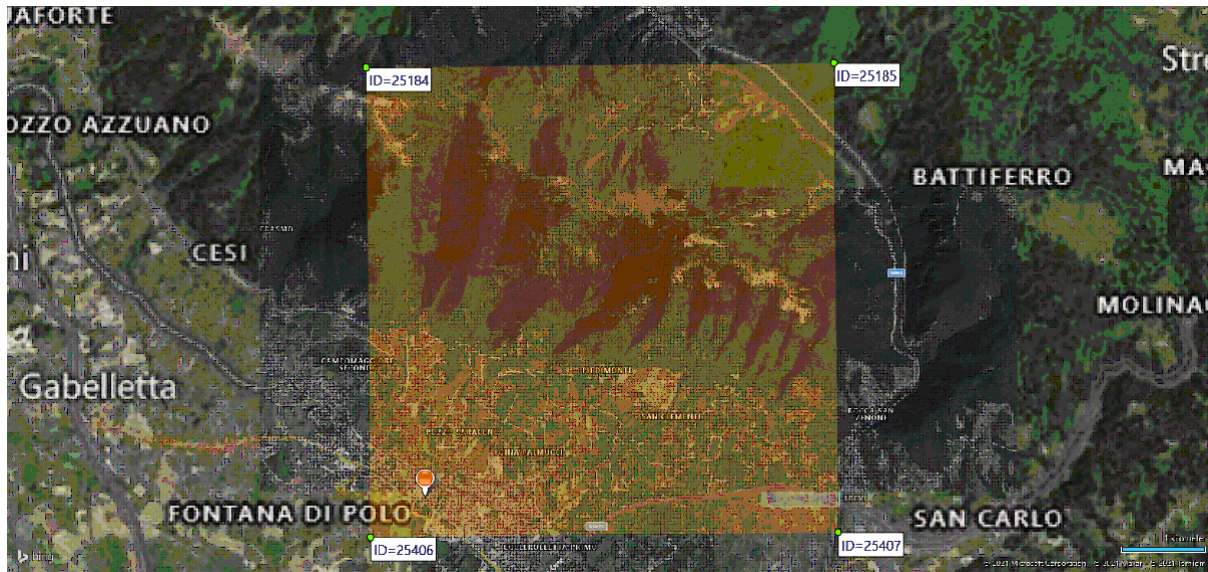
ANALISI ORIZZONTALE STATICA LINEARE

ORIGINE E CARATTERISTICHE DEI CODICI DI CALCOLO

Titolo : FaTA e-version
Autore : Stacec s.r.l.
Produttore : Stacec s.r.l.
Versione : 35.1.7
Numero di licenza : S/444-D/898 (1/4)
Intestata a : Studio Baffo Srl

5.3 ALLEGATO C - (Pericolosità sismica di base)

Coordinate (Datum ED50) del sito : Latitudine = 42.5855° - Longitudine = 12.6153°



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*
25184	42.6315	12.6067	0.192	2.471	0.326	0.237	2.489	0.337	0.084	2.502	0.289	0.069	2.496	0.279
25185	42.6320	12.6746	0.205	2.455	0.331	0.253	2.490	0.342	0.089	2.469	0.290	0.073	2.477	0.279
25406	42.5815	12.6073	0.189	2.470	0.324	0.233	2.491	0.336	0.082	2.514	0.288	0.068	2.502	0.278
25407	42.5820	12.6752	0.199	2.462	0.331	0.246	2.485	0.343	0.087	2.477	0.290	0.071	2.484	0.279

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:

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

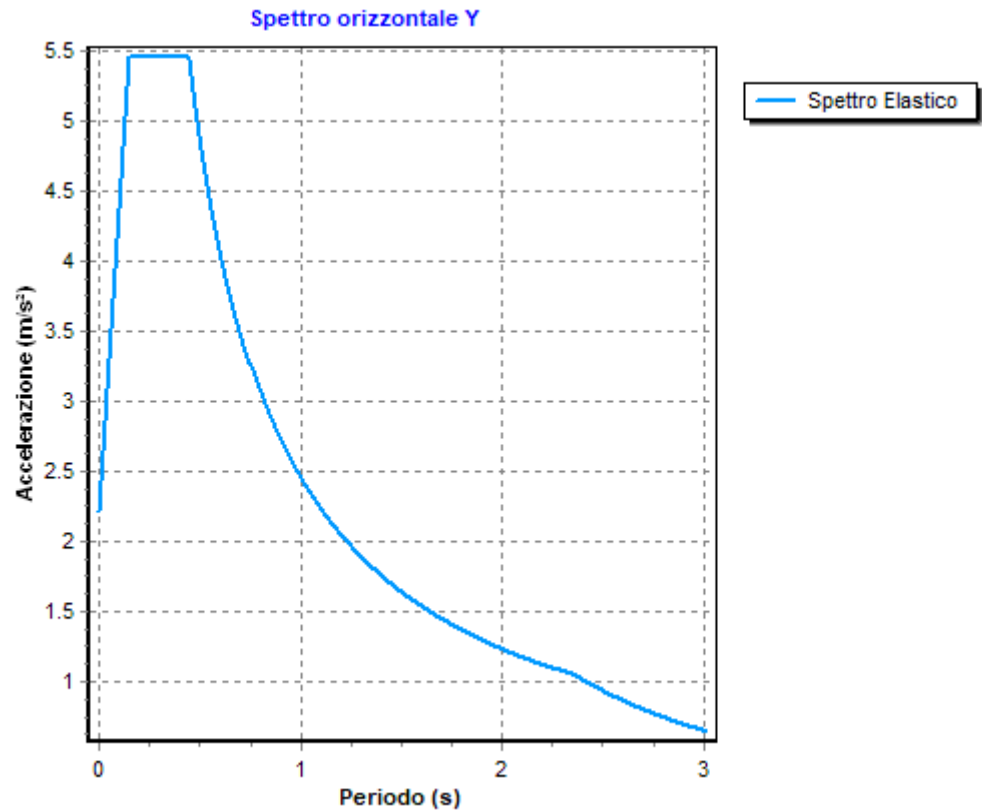
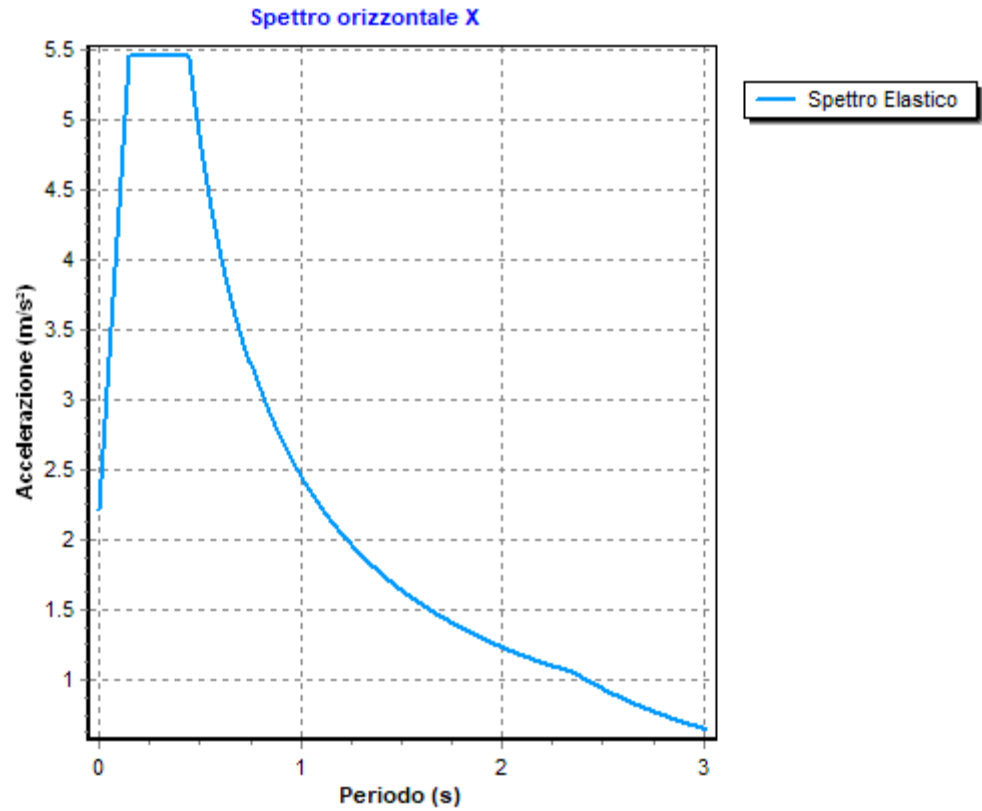
nella quale:

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	0.188	0.232	0.082	0.067
Coefficiente Fo	2.468	2.490	2.505	2.498
Periodo Tc^*	0.326	0.337	0.288	0.278



5.4 ALLEGATO D - (Armature)**5.4.1 Armature Pilastri**

Pila stro	Ast a	Imp.	Filo	Tipo Sez.	Acciaio	Arm. Long.	Arm. Trasn.					
							Blocco 1		Blocco 2		Blocco 3	
							Dir X	Dir Y	Dir X	Dir Y	Dir X	Dir Y
2	16	Piano 1	2	2	Barre1	6 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	Ø 10 / 20 (Nb = 2)	Ø 10 / 20 (Nb = 2)	-	-
3	17	Piano 1	3	2	Barre1	6 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	Ø 10 / 20 (Nb = 2)	Ø 10 / 20 (Nb = 2)	-	-
6	18	Piano 1	6	1	Barre1	8 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	-	-	-	-
8	19	Piano 1	8	1	Barre1	8 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	-	-	-	-
2	27	Piano 2	2	2	Barre1	6 Ø 20 (L)	Ø 10 / 20 (Nb = 2)	Ø 10 / 20 (Nb = 2)	-	-	-	-
3	28	Piano 2	3	2	Barre1	6 Ø 20 (L)	Ø 10 / 20 (Nb = 2)	Ø 10 / 20 (Nb = 2)	-	-	-	-
6	29	Piano 2	6	1	Barre1	8 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	-	-	-	-
8	30	Piano 2	8	1	Barre1	8 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	-	-	-	-
6	41	Piano 3	6	1	Barre1	8 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	-	-	-	-
8	42	Piano 3	8	1	Barre1	8 Ø 20 (L)	Ø 10 / 10 (Nb = 2)	Ø 10 / 10 (Nb = 2)	-	-	-	-

5.4.2 Armature Travi

Trave	Asta	Imp.	Fili	Tipo Sez.	Sezione N°	Acciaio	Arm. Long.	Arm. Trasv.					
								Blocco 1		Blocco 2		Blocco 3	
								Dir X	Dir Y	Dir X	Dir Y	Dir X	Dir Y
1	1	Fondazione	1-2	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
2	2	Fondazione	2-3	4	1	Barre1	4 Ø 16 (L)	Ø 8 / 20 (Nb = 2)	Ø 8 / 20 (Nb = 2)	-	-	-	-
3	3	Fondazione	2-6	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
4	4	Fondazione	4-3	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
5	5	Fondazione	3-5	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
6	6	Fondazione	5-7	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
7	7	Fondazione	7-6	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
8	8	Fondazione	6-10	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
9	9	Fondazione	7-14	4	1	Barre1	4 Ø 16 (L)	Ø 8 / 20 (Nb = 2)	Ø 8 / 20 (Nb = 2)	-	-	-	-
10	10	Fondazione	9-8	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
11	11	Fondazione	8-11	4	1	Barre1	4 Ø 16 (L)	Ø 8 / 20 (Nb = 2)	Ø 8 / 20 (Nb = 2)	-	-	-	-
12	12	Fondazione	12-11	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
13	13	Fondazione	11-14	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
14	15	Fondazione	14-13	3	1	Barre1	2 Ø 12 (L) 6 Ø 16 (L)	Ø 12 / 20 (Nb = 2)	Ø 12 / 20 (Nb = 4)	-	-	-	-
1	20	Piano 2	2-19	5	1	Barre1	4 Ø 12 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
2	23	Piano 2	21-2	5	1	Barre1	4 Ø 12 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
3	24	Piano 2	19-3	5	1	Barre1	4 Ø 12 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
4	26	Piano 2	3-20	5	1	Barre1	4 Ø 12 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
1	31	Piano 3	7-5	5	1	Barre1	4 Ø 16 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
2	33	Piano 3	5-8	5	1	Barre1	4 Ø 16 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
3	34	Piano 3	6-7	5	1	Barre1	4 Ø 16 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
4	37	Piano 3	24-6	5	1	Barre1	4 Ø 16 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-
5	38	Piano 3	8-25	5	1	Barre1	4 Ø 16 (L)	Ø 10 / 12 (Nb = 2)	Ø 10 / 12 (Nb = 2)	-	-	-	-

5.4.3 Armature Pareti

Parete	Imp.	Fili	Acciaio	Zone	Ferri orizzontali		Ferri verticali	
					Diam. [mm]	Passo [cm]	Diam. [mm]	Passo [cm]
1	Piano 1	5-7	Barre1	Confinata Iniziale	-	-	-	-
				Non Confinata	12	15.0	12	15.0
				Confinata Finale	-	-	-	-
2	Piano 1	8-5	Barre1	Confinata Iniziale	-	-	-	-
				Non Confinata	12	15.0	12	15.0
				Confinata Finale	-	-	-	-
3	Piano 1	11-14	Barre1	Confinata Iniziale	-	-	-	-
				Non Confinata	12	15.0	12	15.0
				Confinata Finale	-	-	-	-
1	Piano 2	7-5	Barre1	Confinata Iniziale	-	-	-	-
				Non Confinata	12	15.0	12	15.0
				Confinata Finale	-	-	-	-
2	Piano 2	5-8	Barre1	Confinata Iniziale	-	-	-	-
				Non Confinata	12	15.0	12	15.0
				Confinata Finale	-	-	-	-

5.4.4 Armature Platee

Platea	Imp.	Fili	Acciaio	Ferri dir 1		Ferri dir 2	
				Diam. [mm]	Passo [cm]	Diam. [mm]	Passo [cm]
1	Piano 1	15, 16, 8, 11, 14, 7	Barre1	12	20.0	12	20.0
2	Piano 2	14, 18, 17, 11	Barre1	16	12.0	16	12.0
3	Piano 2	18, 7, 5, 8, 17	Barre1	16	12.0	16	12.0
4	Piano 2	8, 7, 19, 3, 20	Barre1	16	12.0	16	12.0
5	Piano 3	20, 3, 2, 21, 23, 22	Barre1	16	12.0	16	12.0
6	Piano 3	21, 2, 19, 7, 6, 24	Barre1	16	12.0	16	12.0
7	Piano 3	24, 6, 7, 5, 8, 25, 27, 26	Barre1	16	12.0	16	12.0

6 RELAZIONE GEOTECNICA

6.1 DESCRIZIONE DELL'OPERA E DEGLI INTERVENTI.

Nella presente relazione vengono riportati i risultati delle elaborazioni a carattere geotecnico eseguite per le opere di fondazione da realizzare nell'ambito dei lavori di:

Scale esistente

I risultati delle indagini effettuate, degli studi eseguiti e delle valutazioni geotecniche operate, parte integrante degli elaborati progettuali relativi ai lavori in oggetto, faranno riferimento per le caratteristiche geotecniche dei terreni di fondazione ai dati riportati nella Relazione geologico-tecnica redatta dal dott. geol.

TIPOLOGIA FONDAZIONI:

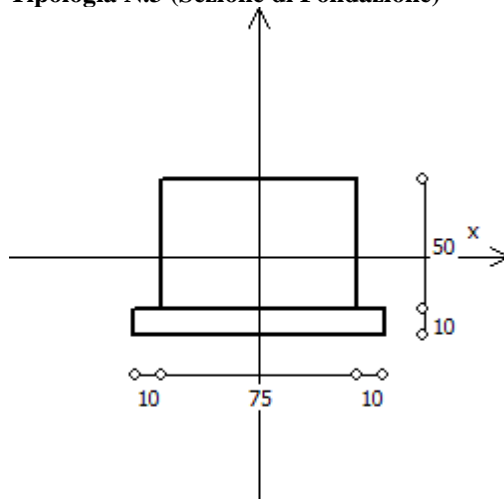
Fondazioni superficiali, quindi del tipo dirette, costituite da un reticolo di travi rovesce.

Descrizione delle tipologie di fondazione utilizzate.

Nell'ambito dei lavori in oggetto si sono utilizzate le seguenti tipologie di fondazione: travi rovesce, le cui dimensioni e la loro ubicazione vengono di seguito meglio descritte.

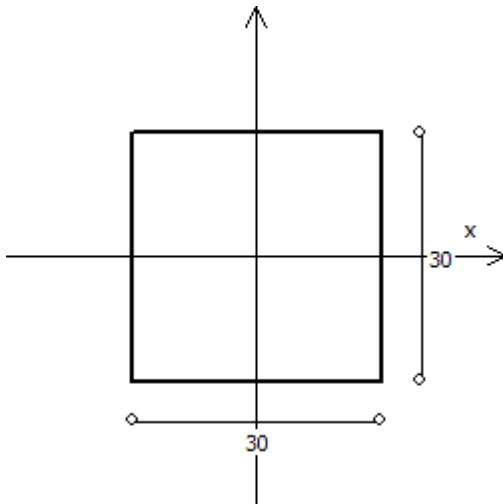
Descrizione delle tipologie di travi di fondazione utilizzate.

Tipologia N.3 (Sezione di Fondazione)



A	= 3750 cm ²
Jx	= 781250 cm ⁴
Jy	= 1757813 cm ⁴
Jt	= 1818750 cm ⁴
Materiale	= Cls1
Peso	= 938 daN/ml

Tipologia N.4 (Sezione di Fondazione)



A = 900 cm²
 Jx = 67500 cm⁴
 Jy = 67500 cm⁴
 Jt = 100710 cm⁴
 Materiale = Cls1
 Peso = 225 daN/ml

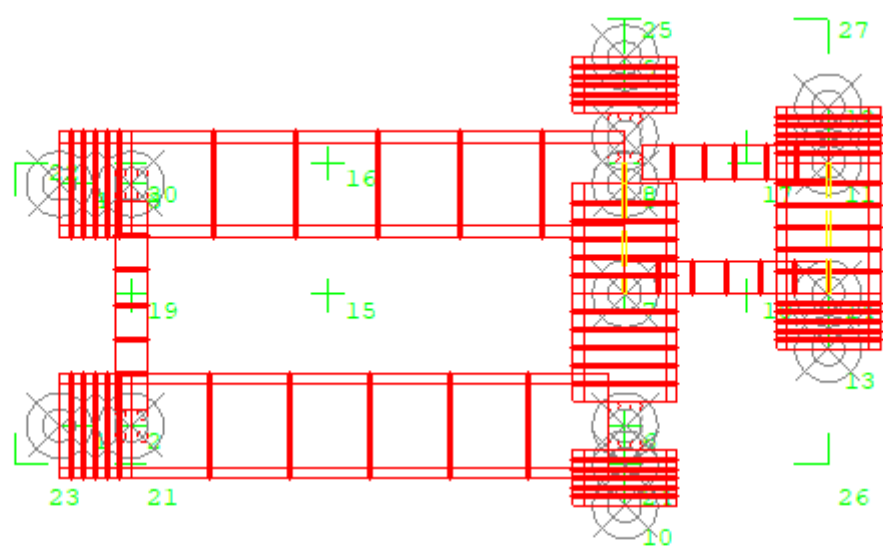
Caratteristiche delle travi di fondazione con la loro ubicazione in pianta.

Asta : numerazione dell'asta;
 Fili : fili fissi ai quali appartiene l'asta;
 Nodo Iniziale : nodo iniziale dell'asta;
 Nodo Finale : nodo finale dell'asta;
 SEZIONE : sezione trasversale associata all'asta;
 L : lunghezza teorica (nodo-nodo) dell'asta;
 Impalcato : impalcato di appartenenza dell'asta;
 KwN : modulo di Winkler normale;
 KwT : modulo di Winkler tangenziale;

Asta	Fili	Nodo Iniziale	Nodo Finale	SEZIONE	L [cm]	Impalcato	KwN [daN/cm ³]	KwT [daN/cm ³]
1	1, 2	1	2	3	65.00	Fondazione	5.00	2.50
2	2, 3	2	3	4	220.00	Fondazione	5.00	2.50
3	2, 6	2	6	3	450.00	Fondazione	5.00	2.50
4	4, 3	4	3	3	65.00	Fondazione	5.00	2.50
5	3, 5	3	5	3	450.00	Fondazione	5.00	2.50
6	5, 7	5	7	3	100.00	Fondazione	5.00	2.50
7	7, 6	7	6	3	120.00	Fondazione	5.00	2.50
8	6, 10	6	10	3	72.50	Fondazione	5.00	2.50
9	7, 14	7	14	4	185.00	Fondazione	5.00	2.50
10	9, 8	9	8	3	72.50	Fondazione	5.00	2.50
11	8, 11	8	11	4	186.36	Fondazione	5.00	2.50
12	12, 11	12	11	3	50.00	Fondazione	5.00	2.50
13	11, 14	11	49	3	60.00	Fondazione	5.00	2.50
14	11, 14	49	14	3	60.00	Fondazione	5.00	2.50
15	14, 13	14	13	3	50.00	Fondazione	5.00	2.50

Piante fondazioni.

Fondazione



6.2 RELAZIONE GEOTECNICA (CAP. 6 delle N.T.C.)

Problemi geotecnici e scelte tipologiche.

La caratterizzazione geotecnica dei terreni di fondazione compresi nel volume significativo, ovvero in quella parte di sottosuolo che viene influenzata direttamente o indirettamente dalle opere in oggetto, viene riportata in dettaglio nella relazione geologico-tecnica allegata.

Vengono di seguito indicati i parametri fondamentali per la valutazione della capacità portante del terreno di fondazione e le scelte tipologiche adottate per il dimensionamento delle opere di fondazione, non avendo riscontrato altre particolari problematiche di tipo geotecnico.

Al fine d'identificare la categoria di sottosuolo, tramite la conoscenza dello spessore e natura dei diversi strati che compongono il terreno sottostante il piano di posa delle fondazioni, per il dimensionamento strutturale e geotecnico delle stesse sono state effettuate delle indagini in sito ubicate nell'area oggetto dell'intervento.

L'area in esame è sostanzialmente pianeggiante, caratterizzata da un fattore di amplificazione topografico pari a T1, pertanto non si osservano variazioni di quota della superficie topografica degne di valutazioni particolari.

Descrizione del programma delle indagini e delle prove geotecniche.

Per definire la stratigrafia di progetto, dei terreni di sedime dei lavori in oggetto e per acquisire i parametri fisico-meccanici dei terreni in esame è stata condotta sull'area interessata dall'intervento di progetto una campagna di indagini.

Il programma delle indagini e delle prove con l'ubicazione delle stesse è stato definito a seguito di un attento sopralluogo dell'area in oggetto e risulta più ampiamente descritto nella relazione geologica allegata.

Caratterizzazione fisico meccanica dei terreni e definizione dei valori caratteristici dei parametri geotecnici.

- Caratteristiche litostratigrafiche

L'analisi dei risultati ottenuti dalle indagini per la caratterizzazione del suolo di fondazione sono meglio indicati nella relazione geologico-tecnica allegata. Per quanto riguarda l'aspetto geologico a seguito il rilevamento di un significativo intorno della zona in esame si è riscontrata la presenza delle seguenti successioni litostratigrafiche nelle relative sezioni geologiche (colonne stratigrafiche):

Filo : filo fisso al quale appartiene la colonna stratigrafica;
 Colonna : nome della colonna stratigrafica;
 Strato : nome dello strato appartenente la colonna stratigrafica;
 Descrizione : descrizione dello strato;

Filo	Colonna	Strato	Descrizione
1	Colonna 1	Argilla con ghiaia	
		Ghiaia in matrice ar	

- Caratteristiche fisico meccaniche dei terreni di fondazione

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

Caratteristiche delle colonne stratigrafiche:

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

Filo	Colonna	Impalcato	Falda	Prof. Falda [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
2	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
3	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
4	Colonna 1	Fondazione	Non Presente	-	0.00	2	-

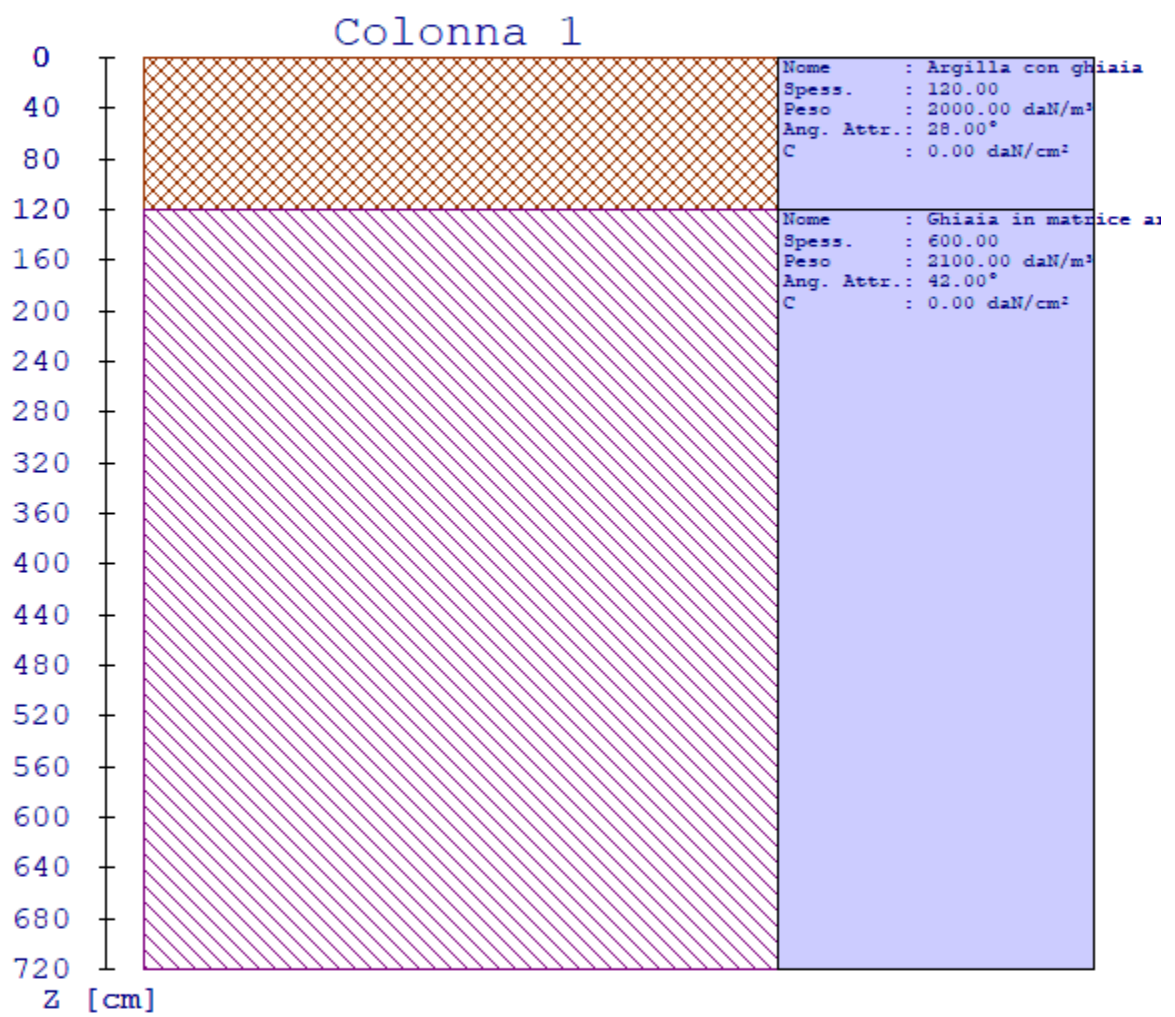
5	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
6	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
7	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
8	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
9	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
10	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
11	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
12	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
13	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
14	Colonna 1	Fondazione	Non Presente	-	0.00	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 T	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]	OCR
Colonna 1	Argilla con ghiaia	120.0	2000.0	1000.0	27	-	28.0	0.00	1.00	270.00	1440.11	0.30	277.18	1.00
	Ghiaia in matrice ar	600.0	2100.0	1100.0	69	-	42.0	0.00	0.00	814.90	3478.82	0.21	169.19	1.00

- Sezioni Geologiche:



- Caratterizzazione sismica del suolo di fondazione:

La categoria assunta per il suolo di fondazione per il sito in oggetto è: B

Modelli geotecnici di sottosuolo e metodi di analisi.

L'interazione terreno struttura viene modellata applicando il modello di Winkler, il quale caratterizza il sottosuolo con una relazione lineare fra il cedimento in un punto della superficie limite e la pressione agente nello stesso punto, indipendentemente da altri carichi applicati in punti diversi. Si assume cioè che:

$$p = k_v w$$

dove K_v è detta costante di sottofondo o coefficiente di reazione del terreno e w è l'abbassamento della trave di fondazione tale da comprimere il terreno sottostante.

Il valore di tale coefficiente k adottato nel lavoro in oggetto ($k_v = 5.00 \text{ daN/cm}^3$), con riferimento ai dati geologico-geotecnici fornitici, è stato desunto da valori tabellati riportati in letteratura.

Tale modello viene esteso anche alla componente orizzontale dello spostamento, utilizzando un valore della costante orizzontale pari a $k_o = 2.50 \text{ daN/cm}^3$.

Le travi rovesce di fondazione vengono modellate utilizzando un elemento finito di tipo BEAM vincolato attraverso delle molle traslazionali e rotazionali diffuse atte a simulare l'interazione terreno-fondazione.

In pratica viene aggiunto alla matrice di rigidezza elastica dell'asta il contributo delle molle ripartite sulle facce della fondazione. I valori di tali contributi sono calcolate computando i coefficienti funzione delle aree di contatto terreno-fondazione. Tutti i calcoli sono effettuati sulla base di cinematismi unitari.

Questo elemento finito possiede 12 gradi di libertà in quanto i due nodi di estremità hanno 6 gradi di libertà ciascuno: 3 alla traslazione e 3 alla rotazione:

Verifiche della sicurezza e delle prestazioni: identificazione dei relativi stati limite.

Le verifiche della sicurezza in fondazione sono condotte nei riguardi dello stato limite ultimo.

Le verifiche nei riguardi degli stati limite previsti dalla Normativa ed eseguite sono:

STR - raggiungimento della resistenza degli elementi strutturali, compresi gli elementi di fondazione;

GEO - raggiungimento della resistenza del terreno interagente con la struttura con sviluppo di meccanismi di collasso dell'insieme terreno-struttura;

Verifiche STR: le verifiche di resistenza degli elementi strutturali di fondazione sono state eseguite contestualmente alla verifica degli elementi strutturali in elevazione. Le relative verifiche sono riportate nella relazione di calcolo allegata;

Verifiche GEO: le verifiche di resistenza del terreno interagente con la struttura sono condotte confrontando i valori di resistenza con quelli di progetto, secondo l'Approccio 2, come riportato nelle pagine seguenti.

Verifiche GEO: Approcci progettuali e valori di progetto dei parametri geotecnici.

TEORIA DI CALCOLO PER FONDAZIONI SUPERFICIALI.

Il calcolo è stato eseguito seguendo la teoria di Terzaghi, la quale tiene conto:

- della forma della fondazione;
- dell'effetto inerziale nella fondazione;
- dell'effetto cinematico del sottosuolo;

Si riportano di seguito le formule considerate nelle varie colonne stratigrafiche assegnate ai fili fissi:

Il carico limite si ottiene dalla seguente espressione:

$$q_{lim} = 0.5 \cdot B \cdot \gamma^2 \cdot N_{\gamma} \cdot s_{\gamma} \cdot z_{\gamma} \cdot e_{\gamma} \cdot k \cdot e_{\gamma} \cdot i + c \cdot N_c \cdot s_c \cdot z_c + (q + \gamma_1 \cdot D) \cdot N_q \cdot s_q \cdot z_q$$

Dove: **B** è il lato minore della fondazione.
D è la profondità del piano di posa della fondazione.
 γ_1 è il peso del terreno sopra il piano di posa della fondazione.
 γ_2 è il peso del terreno sotto il piano di posa della fondazione.
C è la coesione del terreno.
q è il carico uniformemente distribuito ai lati della fondazione.

Fattori di portanza Travi di fondazione. SLU-SLV

Campata : campata alla quale appartengono le aste riportate;

Asta : numerazione interna dell'asta;

Fili : fili fissi ai quali appartiene l'asta considerata;

A1 : verifica della combinazione di carico A1;

Lt : verifica a lungo termine.

Fattori di carico limite														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Nc	Nq	N γ	Nc	Nq	N γ	Nc	Nq	N γ	Nc	Nq	N γ
10	1	1-2	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
11	2	2-3	31.61	17.81	15.15	-	-	-	-	-	-	-	-	-
12	3	2-6	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
13	4	4-3	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
14	5	3-5	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
15	6	5-7	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
16	7	7-6	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
17	8	6-10	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
18	9	7-14	31.61	17.81	15.15	-	-	-	-	-	-	-	-	-
19	10	9-8	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
20	11	8-11	31.61	17.81	15.15	-	-	-	-	-	-	-	-	-
21	12	12-11	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
22	13	11-14	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-
23	15	14-13	43.36	27.91	26.74	-	-	-	-	-	-	-	-	-

Fattori di forma														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Sc	Sq	S γ	Sc	Sq	S γ	Sc	Sq	S γ	Sc	Sq	S γ
10	1	1-2	1.44	1.29	0.42	-	-	-	-	-	-	-	-	-
11	2	2-3	1.04	1.03	0.95	-	-	-	-	-	-	-	-	-
12	3	2-6	1.06	1.04	0.92	-	-	-	-	-	-	-	-	-
13	4	4-3	1.44	1.29	0.42	-	-	-	-	-	-	-	-	-
14	5	3-5	1.06	1.04	0.92	-	-	-	-	-	-	-	-	-
15	6	5-7	1.28	1.19	0.62	-	-	-	-	-	-	-	-	-
16	7	7-6	1.24	1.16	0.68	-	-	-	-	-	-	-	-	-
17	8	6-10	1.39	1.26	0.48	-	-	-	-	-	-	-	-	-
18	9	7-14	1.05	1.03	0.94	-	-	-	-	-	-	-	-	-
19	10	9-8	1.39	1.26	0.48	-	-	-	-	-	-	-	-	-
20	11	8-11	1.05	1.03	0.94	-	-	-	-	-	-	-	-	-
21	12	12-11	1.57	1.38	0.24	-	-	-	-	-	-	-	-	-
22	13	11-14	1.24	1.16	0.68	-	-	-	-	-	-	-	-	-
23	15	14-13	1.57	1.38	0.24	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto inerziale (Paolucci Pecker)														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Zc	Zq	Z γ	Zc	Zq	Z γ	Zc	Zq	Z γ	Zc	Zq	Z γ
10	1	1-2	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
11	2	2-3	0.98	0.96	1.00	-	-	-	-	-	-	-	-	-
12	3	2-6	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
13	4	4-3	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
14	5	3-5	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
15	6	5-7	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
16	7	7-6	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
17	8	6-10	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
18	9	7-14	0.98	0.96	1.00	-	-	-	-	-	-	-	-	-
19	10	9-8	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-

20	11	8-11	0.98	0.96	1.00	-	-	-	-	-	-	-	-	-
21	12	12-11	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
22	13	11-14	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-
23	15	14-13	0.98	0.97	1.00	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto cinematico (Maugeri-Cascone)											
			A1				A2				
			Lt								
Campata	Asta	Fili	eyk	eyi	eyk	eyi	eyk	eyi	eyk	eyi	
10	1	1-2	0.85	0.49	-	-	-	-	-	-	
11	2	2-3	0.82	0.49	-	-	-	-	-	-	
12	3	2-6	0.85	0.49	-	-	-	-	-	-	
13	4	4-3	0.85	0.49	-	-	-	-	-	-	
14	5	3-5	0.85	0.49	-	-	-	-	-	-	
15	6	5-7	0.85	0.49	-	-	-	-	-	-	
16	7	7-6	0.85	0.49	-	-	-	-	-	-	
17	8	6-10	0.85	0.49	-	-	-	-	-	-	
18	9	7-14	0.82	0.49	-	-	-	-	-	-	
19	10	9-8	0.85	0.49	-	-	-	-	-	-	
20	11	8-11	0.82	0.49	-	-	-	-	-	-	
21	12	12-11	0.85	0.49	-	-	-	-	-	-	
22	13	11-14	0.85	0.49	-	-	-	-	-	-	
23	15	14-13	0.85	0.49	-	-	-	-	-	-	

Fattori di portanza Travi di fondazione. SLD

Campata : campata alla quale appartengono le aste riportate;

Asta : numerazione interna dell'asta;

Fili : fili fissi ai quali appartiene l'asta considerata;

A1 : verifica della combinazione di carico A1;

Lt : verifica a lungo termine.

Fattori di carico limite														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Nc	Nq	Ny	Nc	Nq	Ny	Nc	Nq	Ny	Nc	Nq	Ny
10	1	1-2	-	-	-	-	-	-	-	-	-	-	-	-
11	2	2-3	-	-	-	-	-	-	-	-	-	-	-	-
12	3	2-6	-	-	-	-	-	-	-	-	-	-	-	-
13	4	4-3	-	-	-	-	-	-	-	-	-	-	-	-
14	5	3-5	-	-	-	-	-	-	-	-	-	-	-	-
15	6	5-7	-	-	-	-	-	-	-	-	-	-	-	-
16	7	7-6	-	-	-	-	-	-	-	-	-	-	-	-
17	8	6-10	-	-	-	-	-	-	-	-	-	-	-	-
18	9	7-14	-	-	-	-	-	-	-	-	-	-	-	-
19	10	9-8	-	-	-	-	-	-	-	-	-	-	-	-
20	11	8-11	-	-	-	-	-	-	-	-	-	-	-	-
21	12	12-11	-	-	-	-	-	-	-	-	-	-	-	-
22	13	11-14	-	-	-	-	-	-	-	-	-	-	-	-
23	15	14-13	-	-	-	-	-	-	-	-	-	-	-	-

Fattori di forma														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Sc	Sq	Sy	Sc	Sq	Sy	Sc	Sq	Sy	Sc	Sq	Sy
10	1	1-2	-	-	-	-	-	-	-	-	-	-	-	-
11	2	2-3	-	-	-	-	-	-	-	-	-	-	-	-
12	3	2-6	-	-	-	-	-	-	-	-	-	-	-	-
13	4	4-3	-	-	-	-	-	-	-	-	-	-	-	-
14	5	3-5	-	-	-	-	-	-	-	-	-	-	-	-
15	6	5-7	-	-	-	-	-	-	-	-	-	-	-	-
16	7	7-6	-	-	-	-	-	-	-	-	-	-	-	-
17	8	6-10	-	-	-	-	-	-	-	-	-	-	-	-
18	9	7-14	-	-	-	-	-	-	-	-	-	-	-	-
19	10	9-8	-	-	-	-	-	-	-	-	-	-	-	-
20	11	8-11	-	-	-	-	-	-	-	-	-	-	-	-
21	12	12-11	-	-	-	-	-	-	-	-	-	-	-	-
22	13	11-14	-	-	-	-	-	-	-	-	-	-	-	-

23	15	14-13	-	-	-	-	-	-	-	-	-	-	-	-
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Fattori di portanza dell'effetto inerziale (Paolucci Pecker)														
			A1						A2					
			Lt			Bt			Lt			Bt		
Campata	Asta	Fili	Zc	Zq	Zγ	Zc	Zq	Zγ	Zc	Zq	Zγ	Zc	Zq	Zγ
10	1	1-2	-	-	-	-	-	-	-	-	-	-	-	-
11	2	2-3	-	-	-	-	-	-	-	-	-	-	-	-
12	3	2-6	-	-	-	-	-	-	-	-	-	-	-	-
13	4	4-3	-	-	-	-	-	-	-	-	-	-	-	-
14	5	3-5	-	-	-	-	-	-	-	-	-	-	-	-
15	6	5-7	-	-	-	-	-	-	-	-	-	-	-	-
16	7	7-6	-	-	-	-	-	-	-	-	-	-	-	-
17	8	6-10	-	-	-	-	-	-	-	-	-	-	-	-
18	9	7-14	-	-	-	-	-	-	-	-	-	-	-	-
19	10	9-8	-	-	-	-	-	-	-	-	-	-	-	-
20	11	8-11	-	-	-	-	-	-	-	-	-	-	-	-
21	12	12-11	-	-	-	-	-	-	-	-	-	-	-	-
22	13	11-14	-	-	-	-	-	-	-	-	-	-	-	-
23	15	14-13	-	-	-	-	-	-	-	-	-	-	-	-

Fattori di portanza dell'effetto cinematico (Maugeri-Cascone)											
			A1				A2				
			Lt								
Campata	Asta	Fili	eyk	eyi	eyk	eyi	eyk	eyi	eyk	eyi	
10	1	1-2	-	-	-	-	-	-	-	-	
11	2	2-3	-	-	-	-	-	-	-	-	
12	3	2-6	-	-	-	-	-	-	-	-	
13	4	4-3	-	-	-	-	-	-	-	-	
14	5	3-5	-	-	-	-	-	-	-	-	
15	6	5-7	-	-	-	-	-	-	-	-	
16	7	7-6	-	-	-	-	-	-	-	-	
17	8	6-10	-	-	-	-	-	-	-	-	
18	9	7-14	-	-	-	-	-	-	-	-	
19	10	9-8	-	-	-	-	-	-	-	-	
20	11	8-11	-	-	-	-	-	-	-	-	
21	12	12-11	-	-	-	-	-	-	-	-	
22	13	11-14	-	-	-	-	-	-	-	-	
23	15	14-13	-	-	-	-	-	-	-	-	

VERIFICA CAPACITA' PORTANTE.

La verifica del sistema di fondazione relativo alla struttura in oggetto, è stata effettuata sulla base dei dati geologici e dei parametri geotecnici forniti, seguendo l'approccio di progetto relativo alla normativa di riferimento:

- (punti 6.4.2.1 delle N.T.C. e 6.4.3 per fondazioni su pali)

$A1 + M1 + R3$

dove:

- Coefficienti parziali per le azioni

CARICHI	COEFFICIENTE PARZIALE	Comb. A1
PERMANENTI	γ_{G1ns}	1.3
PERMANENTI NON STRUTTURALI	γ_{G2ns}	1.5
VARIABILI	γ_{Qi}	1.5

- Coefficienti per i parametri geotecnici del terreno

PARAMETRO	GRANDEZZA ALLA QUALE APPL. IL COEFF. PARZIALE	Comb. M1
Tangente dell'angolo di attrito	$\tan\phi$	1.0
Coesione drenata del terreno	C	1.0

Coesione non drenata del terreno	Cu	1.0
Peso dell'unità di volume	γ	1.0

- Coefficienti parziali γ_R per le verifiche agli stati ultimi di fondazioni superficiali

VERIFICA	COEFFICIENTE PARZIALE R3
Capacità portante	$\gamma_R = 2.3$

Le verifiche vengono riassunte nelle successive tabelle.

Travi di fondazione. SLU-SLV

Campata : campata alla quale appartengono le aste riportate;

Asta : numerazione interna dell'asta;

Fili : fili fissi ai quali appartiene l'asta considerata;

A1 - Bt : verifica della combinazione di carico A1 a breve termine;

A1 - Lt : verifica della combinazione di carico A1 a lungo termine;

B : larghezza piano di appoggio;

D : profondità del piano di posa;

X : ascissa di verifica;

qlimd : carico limite di calcolo;

σ_t : tensione di calcolo;

S : Coefficiente di sicurezza;

Esito : V = Verificato; NV = Non Verificato

Campata	Asta	Fili	Combinazione A1 - Lt						
			B [cm]	D [cm]	X [cm]	qlimd [daN/cm ²]	σ_t [daN/cm ²]	S	Esito
10	1	1-2	95.00	60.00	0.00	3.31	2.92	1.13	V
11	2	2-3	30.00	30.00	0.00	1.02	1.03	0.99	NV
12	3	2-6	95.00	60.00	0.00	3.50	1.66	2.11	V
13	4	4-3	95.00	60.00	0.00	3.31	1.83	1.81	V
14	5	3-5	95.00	60.00	450.00	3.50	0.99	3.54	V
15	6	5-7	95.00	60.00	0.00	3.39	1.70	1.99	V
16	7	7-6	95.00	60.00	120.00	3.41	1.48	2.30	V
17	8	6-10	95.00	60.00	72.50	3.33	2.46	1.35	V
18	9	7-14	30.00	30.00	185.00	1.02	0.66	1.55	V
19	10	9-8	95.00	60.00	0.00	3.33	3.26	1.02	V
20	11	8-11	30.00	30.00	0.00	1.02	1.03	0.99	NV
21	12	12-11	95.00	60.00	0.00	3.24	2.05	1.58	V
22	13	11-14	95.00	60.00	0.00	3.41	1.43	2.38	V
23	15	14-13	95.00	60.00	50.00	3.24	1.44	2.25	V

Travi di fondazione. SLD

Campata : campata alla quale appartengono le aste riportate;

Asta : numerazione interna dell'asta;

Fili : fili fissi ai quali appartiene l'asta considerata;

A1 - Bt : verifica della combinazione di carico A1 a breve termine;

A1 - Lt : verifica della combinazione di carico A1 a lungo termine;

B : larghezza piano di appoggio;

D : profondità del piano di posa;

X : ascissa di verifica;

qlimd : carico limite di calcolo;

σ_t : tensione di calcolo;

S : Coefficiente di sicurezza;

Esito : V = Verificato; NV = Non Verificato

Dalle tabelle relative al cedimento differenziale limite delle fondazioni, si evince che i cedimenti differenziali massimi stimati risultano compatibili con la funzionalità dei lavori in oggetto.

7 RELAZIONE SULLE FONDAZIONI

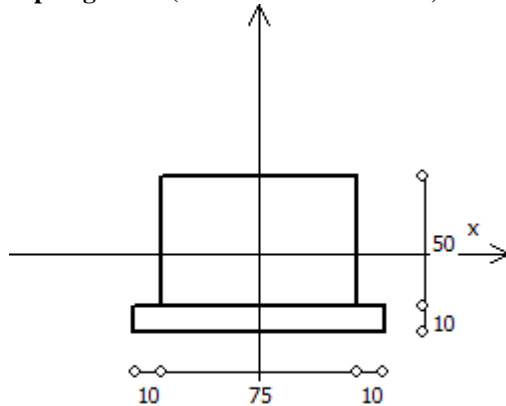
7.1 Strutture di fondazione e del suolo di fondazione.

Descrizione delle tipologie di fondazione utilizzate.

Nell'ambito dei lavori in oggetto si sono utilizzate le seguenti tipologie di fondazione: travi rovesce, le cui dimensioni e la loro ubicazione vengono di seguito meglio descritte.

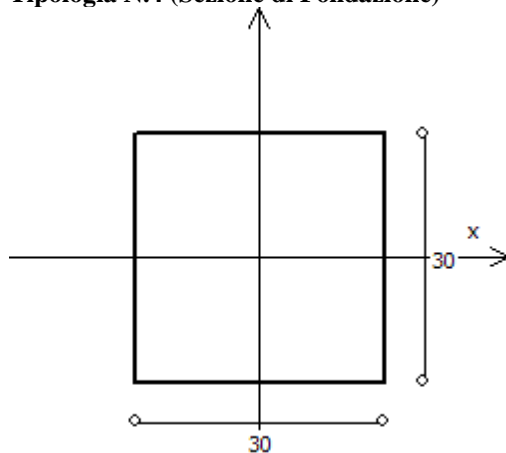
Descrizione delle tipologie di travi di fondazione utilizzate.

Tipologia N.3 (Sezione di Fondazione)



A	= 3750 cm ²
J _x	= 781250 cm ⁴
J _y	= 1757813 cm ⁴
J _t	= 1818750 cm ⁴
Materiale	= Cls1
Peso	= 938 daN/ml

Tipologia N.4 (Sezione di Fondazione)



A	= 900 cm ²
J _x	= 67500 cm ⁴
J _y	= 67500 cm ⁴
J _t	= 100710 cm ⁴
Materiale	= Cls1
Peso	= 225 daN/ml

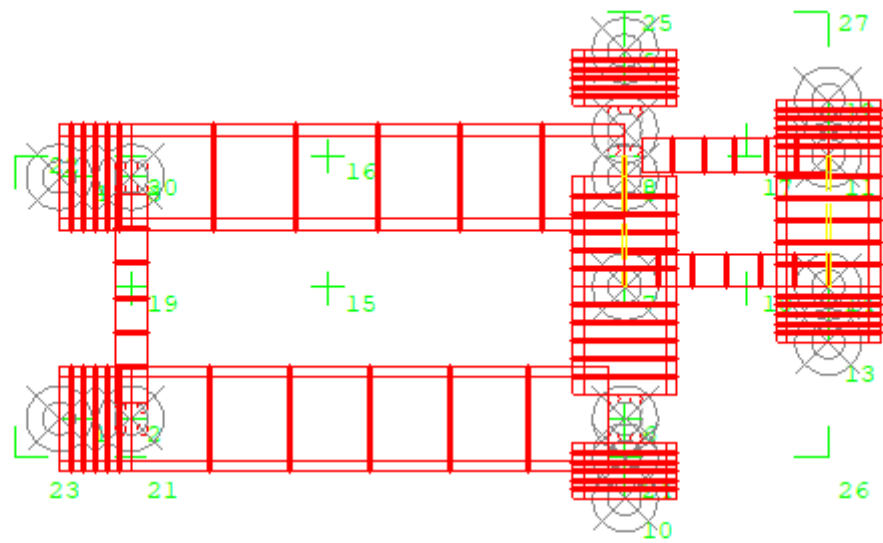
Caratteristiche delle travi di fondazione con la loro ubicazione in pianta.

Asta : numerazione dell'asta;
 Fili : fili fissi ai quali appartiene l'asta;
 Nodo Iniziale : nodo iniziale dell'asta;
 Nodo Finale : nodo finale dell'asta;
 SEZIONE : sezione trasversale associata all'asta;
 L : lunghezza teorica (nodo-nodo) dell'asta;
 Impalcato : impalcato di appartenenza dell'asta;
 KwN : modulo di Winkler normale;
 KwT : modulo di Winkler tangenziale;

Asta	Fili	Nodo Iniziale	Nodo Finale	SEZIONE	L [cm]	Impalcato	KwN [daN/cm³]	KwT [daN/cm³]
1	1, 2	1	2	3	65.00	Fondazione	5.00	2.50
2	2, 3	2	3	4	220.00	Fondazione	5.00	2.50
3	2, 6	2	6	3	450.00	Fondazione	5.00	2.50
4	4, 3	4	3	3	65.00	Fondazione	5.00	2.50
5	3, 5	3	5	3	450.00	Fondazione	5.00	2.50
6	5, 7	5	7	3	100.00	Fondazione	5.00	2.50
7	7, 6	7	6	3	120.00	Fondazione	5.00	2.50
8	6, 10	6	10	3	72.50	Fondazione	5.00	2.50
9	7, 14	7	14	4	185.00	Fondazione	5.00	2.50
10	9, 8	9	8	3	72.50	Fondazione	5.00	2.50
11	8, 11	8	11	4	186.36	Fondazione	5.00	2.50
12	12, 11	12	11	3	50.00	Fondazione	5.00	2.50
13	11, 14	11	49	3	60.00	Fondazione	5.00	2.50
14	11, 14	49	14	3	60.00	Fondazione	5.00	2.50
15	14, 13	14	13	3	50.00	Fondazione	5.00	2.50

Piante fondazioni.

Fondazione



7.1.1 Tensioni sul Terreno - PGA SLV = 0.2340 g.

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

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

Tabella 27.I

Tensioni Terreno Aste					
Asta	Imp.	Fili	Comb	X [cm]	σ [daN/cm ²]
1	Fondazione	1-2	COMB 16	0.00	2.92272
2	Fondazione	2-3	COMB 16	0.00	1.02867
3	Fondazione	2-6	COMB 16	0.00	1.66014
4	Fondazione	4-3	COMB 11	0.00	1.82933
5	Fondazione	3-5	COMB 11	450.00	0.99209
6	Fondazione	5-7	COMB 11	0.00	1.69525
7	Fondazione	7-6	COMB 14	120.00	1.48489
8	Fondazione	6-10	COMB 14	72.50	2.46080
9	Fondazione	7-14	COMB 4	185.00	0.66131
10	Fondazione	9-8	COMB 11	0.00	3.25676
11	Fondazione	8-11	COMB 11	0.00	1.02539
12	Fondazione	12-11	COMB 9	0.00	2.05175
13	Fondazione	11-14	COMB 9	0.00	1.42607
14	Fondazione	11-14	COMB 2	0.00	0.99144
15	Fondazione	14-13	COMB 14	50.00	1.44152

Descrizione del suolo di fondazione.**- Caratteristiche litostratigrafiche**

L'analisi dei risultati ottenuti dalle indagini per la caratterizzazione del suolo di fondazione sono meglio indicati nella relazione geologico-tecnica allegata. Per quanto riguarda l'aspetto geologico a seguito il rilevamento di un significativo intorno della zona in esame si è riscontrata la presenza delle seguenti successioni litostratigrafiche nelle relative sezioni geologiche (colonne stratigrafiche):

Filo : filo fisso al quale appartiene la colonna stratigrafica;
 Colonna : nome della colonna stratigrafica;
 Strato : nome dello strato appartenente la colonna stratigrafica;
 Descrizione : descrizione dello strato;

Filo	Colonna	Strato	Descrizione
1	Colonna 1	Argilla con ghiaia	
		Ghiaia in matrice ar	

- Caratteristiche fisico meccaniche dei terreni di fondazione

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

Caratteristiche delle colonne stratigrafiche:

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

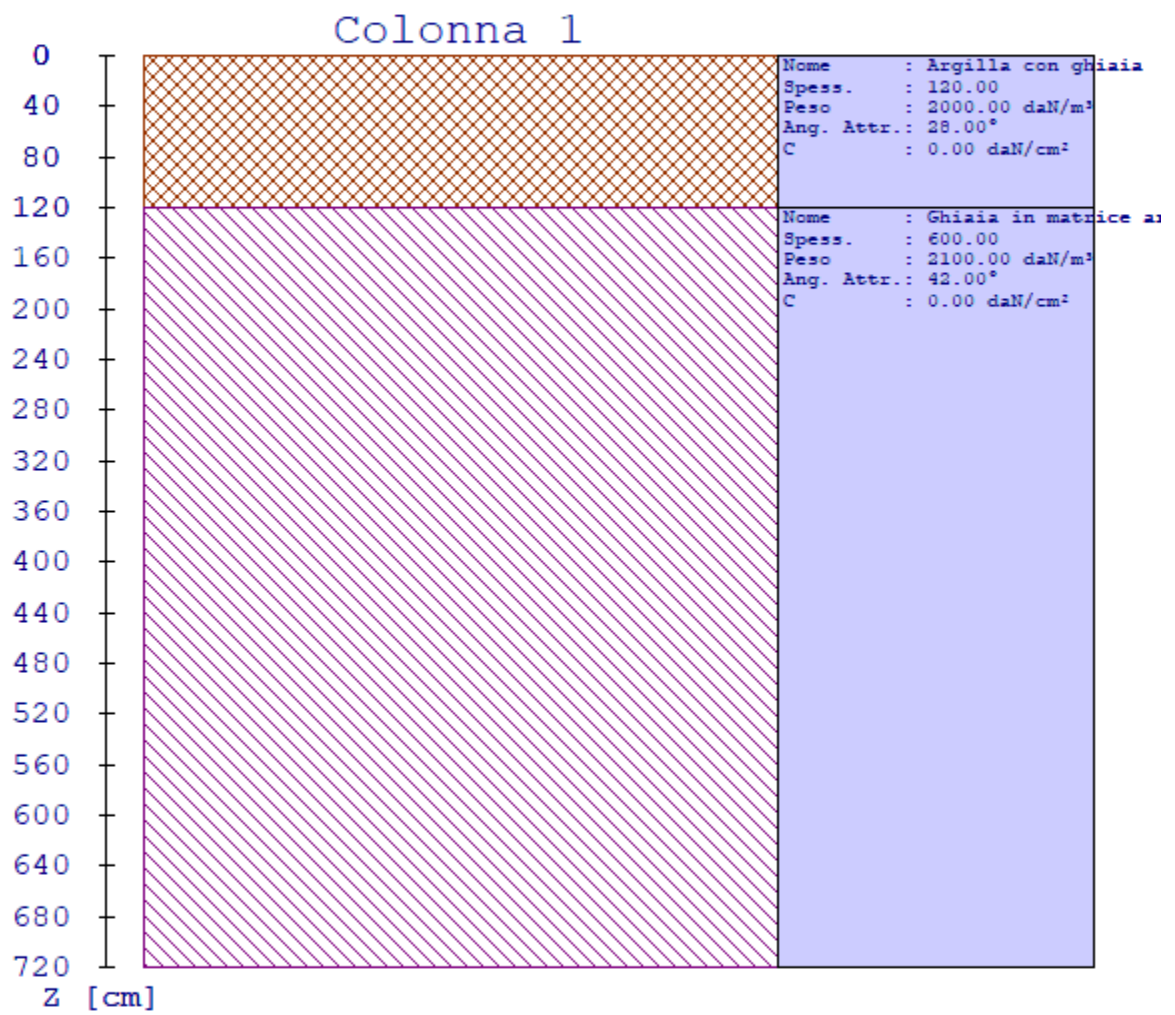
Filo	Colonna	Impalcato	Falda	Prof. Falda [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
2	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
3	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
4	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
5	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
6	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
7	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
8	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
9	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
10	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
11	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
12	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
13	Colonna 1	Fondazione	Non Presente	-	0.00	2	-
14	Colonna 1	Fondazione	Non Presente	-	0.00	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]	OCR
Colonna 1	Argilla con ghiaia	120.0	2000.0	1000.0	27	-	28.0	0.00	1.00	270.00	1440.11	0.30	277.18	1.00
	Ghiaia in matrice ar	600.0	2100.0	1100.0	69	-	42.0	0.00	0.00	814.90	3478.82	0.21	169.19	1.00

- Sezioni Geologiche:



- Caratterizzazione sismica del suolo di fondazione:

La categoria assunta per il suolo di fondazione per il sito in oggetto è: B

7.2 Relazione sulle fondazioni (D.M. 17/01/2018)

Scelta del tipo di fondazioni.

L'analisi dei risultati ottenuti dalla campagna di indagini eseguite e della tipologia strutturale presente nell'edificio ha permesso di giustificare positivamente la scelta delle tipologie di fondazione adottate. Per i lavori in oggetto, le tipologie di fondazione presenti sono superficiali per distribuire i carichi trasmessi dalla sovrastruttura al terreno di fondazione ripartendoli il più possibile in modo uniforme sul suolo di sedime delle fondazioni stesse. La scelta della profondità del piano di posa ha permesso il superamento del suolo vegetale, della zona soggetta a gelo-disgelo e variazioni stagionali di umidità. La profondità del piano di posa delle fondazioni risulta tale da prevenire fenomeni di erosione o scalzamento.

Le dimensioni strutturali delle opere di fondazione, le tipologie usate e la loro ubicazione risultano descritte nella prima parte della presente relazione e vengono meglio evidenziate negli elaborati grafici allegati.

Le verifiche di sicurezza relative agli stati limite ultimi (SLU) indagati risultano tali da non limitare l'uso della costruzione, la sua efficienza, la durabilità della struttura garantendo un grado di sicurezza ed un livello di prestazioni nel rispetto della normativa vigente in materia.

Ipotesi assunte ed analisi dei risultati nei riguardi del complesso terreno-opera di fondazione.

Tutte le analisi presentate si riferiscono studio del sottosuolo semplificando la situazione reale con criteri cautelativi, analizzando diverse possibili schematizzazioni ed adottando i risultati meno favorevoli mediante coefficienti parziali per i parametri geotecnici del terreno, coefficienti parziali per le azioni o per l'effetto delle azioni e coefficienti parziali di sicurezza da applicare alle resistenze caratteristiche.

Le analisi delle elaborazioni eseguite permette di evidenziare i seguenti livelli di sicurezza:

Riassunto risultati verifiche:

ELEMENTO	Tipo verifica	S Min	S Max
Travi di fondazione	Capacità portante SLU-SLV	0.99	3.54
	Capacità portante SLD	-	0.00

La caratterizzazione geologica da un lato, le caratteristiche dimensionali, strutturali e le configurazioni di carico dall'altro, hanno reso possibile effettuare valutazioni che hanno conto del comportamento complessivo delle strutture e delle interazioni terreno-fondazione.

Si rimanda alla Relazione Geologica-Tecnica redatta dal Dott. Geologo per prendere visione di ogni altra informazione relativa alla stratigrafia che caratterizza il suolo di fondazione.

I coefficienti di sicurezza per tutte le verifiche di resistenza eseguite sulle strutture di fondazione, sono riportate nella Relazione di Calcolo allegata.

Dalle verifiche eseguite su tutti gli elementi di fondazione risultano livelli di sicurezza accettabili e pertanto i lavori in oggetto si valutano realizzabili.

Per quanto sopra esposto, a seguito delle analisi geomorfologiche e dalle verifiche geotecniche svolte l'intervento in oggetto, nel rispetto delle disposizioni progettuali individuate, si ritiene perfettamente compatibile con le caratteristiche del sottosuolo ed attuabile nel rispetto delle Norme vigenti e delle esigenze della Committenza.

Si prescrive che in corso d'opera si debba riscontrare la rispondenza della caratterizzazione geotecnica assunta in progetto e la situazione reale e che la sistemazione esterna dovrà evitare infiltrazioni di acqua tale da variare le caratteristiche geotecniche del terreno di fondazione.

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